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AXIAL BURNUP PROFILE DATABASE

FOR PRESSURIZED WATER REACTORS

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FOREWORD

This document and its associated appendices and microcomputer (PC) database constitute the reference Office of Civilian Radioactive Waste Management (OCRWM) database for axial burnup distributions for pressurized water reactors. The work presented in this report was performed in accordance with the technical and quality assurance requirements specified in Sandia National Laboratories (SNL) subcontract AS-0284. All work described in the subcontract Statement of Work was conducted under the SNL Civilian Radioactive Waste Management (CRWM) Quality Assurance Program.

The data used in this report were obtained directly from utilities as discussed in Section 5.0 of the text. Data was requested from a cross section of utilities whose reactors represent the range of commercial PWR fuel lattices. The requested data included the utility, the plant name, the reactor vendor, fuel assembly lattice size, fuel vendor, fuel initial enrichment, initial uranium mass, a serial number used to uniquely identify the profile and assembly attributes (e.g., indicate presence and number of burnable absorber rods, burnable absorber concentration, burnable absorber type, axial blankets, part-length shield assemblies, etc.). The requested data are collected from calculations of core operating cycles.

The calculated axial burnup profiles including burnup values and axial locations were provided for on an assembly basis. The utilities were requested to provide this information using existing reactor operations data produced in the normal course of fuel management, reload analyses and core operations support activities generally performed in the nuclear industry under the auspices of the Nuclear Regulatory Commission. In the course of producing the database presented in this report, the data provided by each of the independent utilities were reviewed and corroborated by comparison with the aggregate set of data. These data are considered industry standard and are appropriate for use in the development of the qualified axial profile database presented in this report.

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1.0 INTRODUCTION

The axial burnup profile in a discharged fuel assembly typically has higher burnup in the center and lower burnup at the ends of the assembly. To evaluate the effect of the axial burnup distribution on criticality safety for storage, transportation and disposal of spent fuel, a number of studies have been performed.[1,2,3] This effect is also known as the end effect. The end effect is dependent on the assembly average burnup and the profile of the axial burnup distribution. The assembly average burnup is customarily contained in the records maintained at the reactor. However, the axial burnup profile is not generally available in the reactor records. Thus, calculated axial profiles are used in analyses involving burnup credit. An axial burnup profile database compiled for a large number of PWR fuel assemblies over a range of burnup, initial enrichment and operating conditions can provide information to quantify the end effect.

The main objective of the database was to provide a detailed characterization of spent PWR fuel, specifically with respect to the axial burnup distribution. To determine the feasibility of this concept, a database for Combustion Engineering (CE) fuel of the 14x14 design was constructed using the data from one plant[4]. The data presented in that report covered a range of 4900 MWd/MTU to 49,300 MWd/MTU and an enrichment range of 1.93 w/o to 3.93 w/o ^{235}U. This study proved that bounding profiles could be generated over a given range of burnup values.

With the feasibility issue proven, the database was expanded by contacting various utilities and requesting axial burnup profiles for different fuel designs. The utility axial burnup profiles were based on cycle specific depletion calculations. These axial burnup profiles represent fuel types of the Westinghouse, B&W and Combustion Engineering reactor designs. The fuel lattices are the Westinghouse 15x15 and 17x17, the B&W 15x15, and the Combustion Engineering 14x14 and 16x16. With the additional information, the current PWR axial burnup profile database consists of 3169 axial burnup profiles covering 106 cycles of operation. The database expands over a range of burnup from slightly over 3000 MWd/MTU to 55,300 MWd/MTU and an enrichment range of 1.24 w/o to 4.75 w/o ^{235}U. The fuel designs also contain a variety of poison absorbers such as borosilicate glass, B_4C, Integral Fuel Burnable Absorber (IFBA), erbium and gadolinium burnable absorbers. Therefore, the axial burnup profiles in the database provide an excellent representation of existing commercial PWR fuel types. The remainder of this report will discuss the methods used in calculating the axial burnup profiles and the creation process of the axial burnup profile database.

2.0 CALCULATIONAL METHODS

All axial burnup profiles in the database were calculated from three-dimensional (3-D) depletion analyses of the core configuration. The organizations and utilities providing axial burnup profiles for the database used different nodal codes for the 3-D depletion calculations. The nodal codes used were SIMULATE-3[5], NEMO[6], ANC[7] and PRESTO-II[8]. These codes are the current methods used in fuel management, reload analysis and core operational support by the nuclear industry.

Cross section input describing the assemblies are derived from assembly lattice calculations. The SIMULATE-3 and NEMO nodal codes used the CASMO-3[9] code to generate cross sections. The ANC nodal code used PHEONIX[10] while PRESTO-II used RECORD[11] as its cross section generating tool. These codes are representative of the current cross section generation codes used in the nuclear industry.

For the nodal depletion calculation, utilities typically performed their analysis in a quarter core symmetric configuration using 12 to 25 nodes to describe the axial direction and one to four nodes to describe the radial direction of each assembly. Although calculations are performed in full or quarter core, the core may be loaded in an eighth core symmetric configuration.

3.0 INFORMATION FOR DATABASE

Framatome Technologies, Arizona Public Service Company, Carolina Power and Light, Duke Power Company, Iberdrola, Northeast Utilities, and Yankee Atomic Electric Company contributed data to the database. The data represents 20 different reactors and calculations from 106 cycles of operation. These calculations produced 3169 axial burnup profiles for the database as shown in Table 1. The 106 cycles of operation include first cycles, out-in fuel management and low leakage fuel management. The breakdown of the 3169 profiles are as follows: 1334 of the profiles are B&W 15x15 fuel design, 544 of the profiles are CE 14x14 fuel design, 228 of the profiles are CE 16x16 fuel design, 156 of the profiles are Westinghouse 15x15 fuel design, and 907 of the profiles are Westinghouse 17x17 fuel design. The data covers a range of burnup from slightly over 3000 MWd/MTU to 55,300 MWd/MTU and an enrichment range of 1.24 w/o to 4.75 w/o ^{235}U as shown in Table 2. These fuel designs contain different poison absorber types such as: borosilicate glass, B_4C, Integral Fuel Burnable Absorber (IFBA), erbium and gadolinium burnable absorbers. The axial burnup profiles in the database provide an excellent representation of existing commercial PWR fuel designs.

TABLE 1

Cycles of Data and Number of Profiles by Plant

Plant	Lattice	Cycles	Number of Profiles	Number of Axial Nodes
Arkansas Nuclear Unit 1	BW 15x15	8	232	18
Arkansas Nuclear Unit 1	BW 15x15	4	116	20
Crystal River 3	BW 15x15	9	261	18
Davis Besse	BW 15x15	9	261	18
Oconee 1	BW 15x15	2	58	23
Oconee 2	BW 15x15	2	58	23
Oconee 3	BW 15x15	2	58	23
Three Mile Island 1	BW 15x15	10	290	18
Maine Yankee	CE 14x14	16	544	20
Palo Verde 1	CE 16x16	3	114	25
Palo Verde 3	CE 16x16	3	114	25
Connecticut Yankee	WE 15x15	2	52	20
H. B. Robinson	WE 15x15	4	104	24
Catawba 1	WE 17x17	2	62	18
Catawba 2	WE 17x17	1	31	12
Catawba 2	WE 17x17	1	31	18
McGuire 1	WE 17x17	1	31	12
McGuire 1	WE 17x17	1	31	18
McGuire 2	WE 17x17	2	62	18
Millstone 3	WE 17x17	2	62	24
Seabrook	WE 17x17	5	155	24
Almaraz 1	WE 17x17	9	234	24
Almaraz 2	WE 17x17	8	208	24
Totals		106	3169	

TABLE 2
Burnup and Enrichment Range by Plant

Plant	Lattice	Profile Burnup (MWd/MTU)		Enrichment (w/o ^{235}U)	
		Minimum	Maximum	Minimum	Maximum
Arkansas Nuclear Unit 1	BW 15x15	5566	54170	2.06	3.89
Crystal River 3	BW 15x15	3086	46910	1.93	3.94
Davis Besse	BW 15x15	6477	44406	1.98	3.77
Oconee 1	BW 15x15	14540	50142	3.55	3.70
Oconee 2	BW 15x15	14241	48569	3.30	3.88
Oconee 3	BW 15x15	14443	51174	3.45	3.80
Three Mile Island 1	BW 15x15	4811	50061	2.06	4.75
Maine Yankee	CE 14x14	4984	49434	1.93	3.92
Palo Verde 1	CE 16x16	13332	49897	2.73	4.00
Palo Verde 3	CE 16x16	12096	46564	2.73	4.28
Connecticut Yankee	WE 15x15	10282	55289	3.60	4.70
H. B. Robinson	WE 15x15	9862	42235	1.24	4.20
Catawba 1	WE 17x17	10196	47544	3.25	3.65
Catawba 2	WE 17x17	11677	47878	3.50	3.75
McGuire 1	WE 17x17	10927	46384	2.92	3.75
McGuire 2	WE 17x17	12387	46420	3.50	3.95
Millstone 3	WE 17x17	14375	54582	3.50	4.19
Seabrook	WE 17x17	8223	53517	1.60	4.62
Almaraz 1	WE 17x17	5569	45859	2.10	4.10
Almaraz 2	WE 17x17	7040	51014	2.10	4.10
Summary		3086	55289	1.24	4.75

4.0 DATABASE GENERATION AND EVALUATION

The development of the database is depicted in the flow chart shown in Figure 1. To build the database, a FORTRAN program was written for each plant to extract the assembly burnup data from the three-dimensional nodal calculations. For each fuel assembly, the fuel type, enrichment, burnable absorber and other administrative information were entered into a data file. When possible, assemblies were followed for a complete burnup history providing a more extensive set of axial burnup profile data. These FORTRAN programs provided a plant specific database, generated plots for visual examination of the data and statistics for data evaluation. All contributed data was examined to ensure reasonable results. If any data appeared questionable, the contributing organization was contacted for an explanation. As a result of the visual evaluation and discussions with the contributors, no data was removed from the database.

As shown in Table 1, the contributors used different axial nodalization. For consistency in the database, 18 axial nodes was chosen as the common format. This approach minimized the number of extrapolations. Therefore, all the plant specific FORTRAN programs used the spline fitting[12] techniques to interpolate (and extrapolate) the data into 18 axial nodes. In order to allow for all axial burnup profiles to be compared on a common basis, the fraction of core height was used as the abscissa. The information for the database entry was a compilation of data in various formats as provided by their originators. The actual database entry for each plant was generated by the plant specific FORTRAN programs.

For each axial burnup profile, the basic information of the database contains the utility, the plant name, the reactor vendor, the lattice size, fuel vendor, a serial number used to identify each axial burnup profile, and the assembly type. For some utilities, the assembly type is used to define the batch of fuel for a reload and the number of burnable absorber rods in the fuel assembly, e.g., an assembly type, L8, is from batch L with 8 burnable absorber rods. To track assemblies in the database, some of the utilities supplied serial numbers for their assemblies. If a serial number was not available, unique serial numbers for the given assemblies were created.

The next two entries to the database provide the uranium enrichment in weight percent ^{235}U and the initial uranium mass in grams. The total calculated assembly average burnup, the calculated assembly average burnup by cycle, the total measured assembly average burnup and the measured assembly average burnup by cycle in MWd/MTU are the next group of entries.

The next two input fields required are the final discharge date and the number of fuel cycles the assembly was in the reactor. The burnable absorber information contains the number of burnable absorber (poison) rods, the burnable absorber concentration and the burnable absorber type. The cycle average burnup of the reactor in MWd/MTU is also an input field followed by computer code used to calculate the axial burnup profiles. The fraction of core height and the normalized axial burnup profile by cycle are provided in 18 nodes. The final entry is the ratio of the assembly cycle burnup to total core burnup for the cycles involved.

A sample database entry is provided in Figure 2. Data not available is left blank in the database. To make the database user friendly, these programs also produce a file in comma delimited format for the spreadsheet program users. A sample of the database in spreadsheet format is provided in Table 3. The spreadsheet format provides sufficient information to characterize the axial burnup profile. The data provided in the comma delimited format contain the name of the reactor, assembly ID, assembly type, lattice size (fuel type), initial ^{235}U enrichment, number of burnable poison rods (BPR), BPR concentration, BP type assembly burnup, fraction of core height and axial burnup profile. A separate program was written to combine all the plant specific database information into a single comma delimited file for the ease of any spreadsheet program application. Both the comma delimited file (pwr-data.csv) and the complete database (database.txt) are on the CD ROM included with this report. Both files are readable with a PC. A complete listing of the final database from the comma delimited file is provided in the Appendix.

Figure 1

DATABASE DEVELOPMENT FLOWCHART

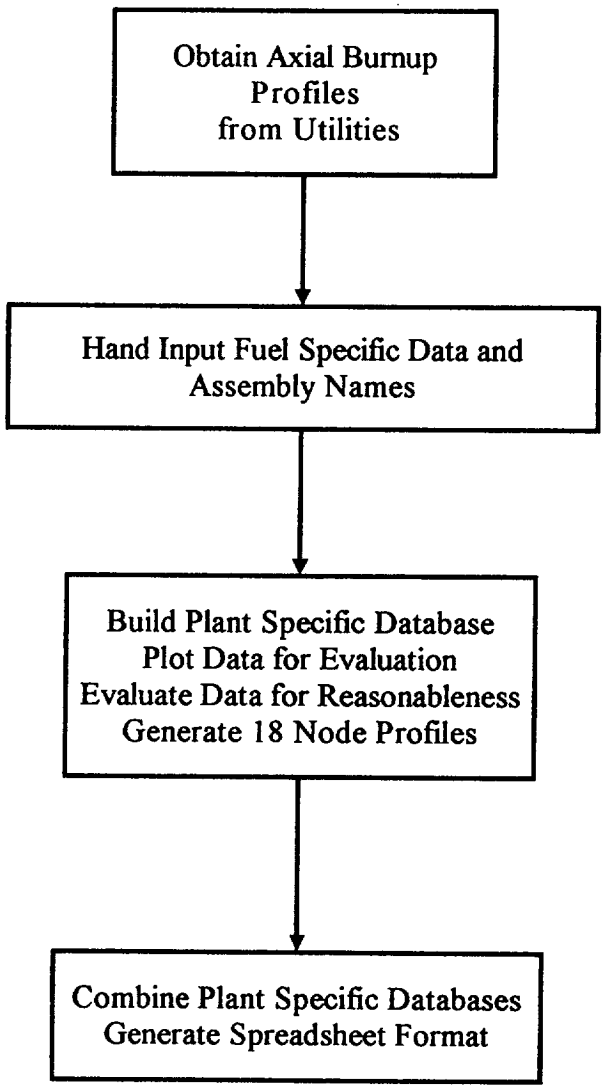


Figure 2

SAMPLE DATABASE ENTRY

Utility:	Maine Yankee Atomic Power Co.
Reactor:	Maine Yankee
Reactor Vendor:	Combustion Engineering, Inc.
Lattice Size:	CE 14x14
Fuel Vendor:	Exxon Nuclear Corp.
Serial Number:	L833
Assembly Type:	L8
Initial U-235 Enrichment:	3.288%
Initial Uranium Mass (grams):	362463
Total Calculated Assembly Average Burnup (MWd/Mt):	35649
Calculated Assembly Average Burnup by Cycle (MWd/Mt):	16291/14057/ 5301
Total Measured Assembly Average Burnup (MWd/Mt):	35224
Measured Assembly Average Burnup by Cycle (MWd/Mt):	15833/13929/ 5462
Final Discharge Date:	03/28/87
Number of Fuel Cycles:	3
Number of BPR's:	8
BPR Concentration:	23.800
BP Type:	B4C, mg B10/inch
Cycle Average Burnup (MWd/Mt):	12483/12503/14424

Burnup data is calculated and comes from SIMULATE-3.

Burnup Axial Profile

Fractional Core Height:

.028 .083 .139 .194 .250 .306 .361 .417 .472 .528
.583 .639 .694 .750 .806 .861 .917 .972

Normalized burnup at above height for first cycle :

.65948 .93092 1.03789 1.07292 1.08096 1.08149 1.07991 1.07795 1.07609 1.07445
1.07296 1.07145 1.06918 1.06360 1.04766 1.00109 .87876 .62327

Normalized burnup at above height for second cycle:

.65771 .93042 1.03378 1.06956 1.07897 1.08045 1.07941 1.07782 1.07627 1.07488
1.07371 1.07246 1.07023 1.06444 1.04821 1.00234 .88451 .62486

Normalized burnup at above height for third cycle :

.65931 .92900 1.02939 1.06458 1.07421 1.07617 1.07571 1.07476 1.07390 1.07326
1.07289 1.07246 1.07112 1.06635 1.05141 1.00760 .89369 .63418

Ratio of assembly cycle burnup to total core burnup: 1.26847/ 1.11396/ .37867

Table 3
SAMPLE DATA FROM SPREADSHEET FILE

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)
Seabrook	D54	WS340	WE 17x17	3.40	0			48918
Seabrook	C30	WS310	WE 17x17	3.10	0			42154
Seabrook	C62	WS310	WE 17x17	3.09	0			41876
Seabrook	C28	WS310	WE 17x17	3.10	0			41444
Seabrook	E71	WS440	WE 17x17	4.40	156	1.57	ZrB2	41243
Seabrook	E15	WS400	WE 17x17	4.00	156	1.57	ZrB2	40919
Seabrook	E22	WS400	WE 17x17	4.00	156	1.57	ZrB2	40910
Seabrook	D24	WS340	WE 17x17	3.40	0			40038
Seabrook	E55	WS440	WE 17x17	4.40	156	1.57	ZrB2	39722
Seabrook	C41	WS310	WE 17x17	3.10	0			39641
Seabrook	D30	WS340	WE 17x17	3.39	0			39573
Seabrook	E31	WS400	WE 17x17	4.00	156	1.57	ZrB2	39566
Seabrook	E16	WS400	WE 17x17	4.00	156	1.57	ZrB2	39562
Seabrook	D04	WS340	WE 17x17	3.40	0			39559
Seabrook	D18	WS340	WE 17x17	3.39	0			39542
Seabrook	C37	WS310	WE 17x17	3.09	0			39101
Seabrook	C19	WS310	WE 17x17	3.10	0			38944
Seabrook	E42	WS440	WE 17x17	4.41	80	1.57	ZrB2	38943
Seabrook	E39	WS440	WE 17x17	4.40	80	1.57	ZrB2	38892
Seabrook	D39	WS340	WE 17x17	3.40	0			38840

Table 3 (continued)
SAMPLE DATA FROM SPREADSHEET FILE

Fraction of Core Height

0.028	0.083	0.139	0.194	0.250	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.750	0.806	0.861	0.917	0.972

Normalized Axial Burnup Distribution

0.683	0.957	1.044	1.045	1.078	1.049	1.072	1.072	1.049	1.071	1.052	1.063	1.069	1.054	1.060	1.017	0.900	0.667
0.640	0.938	1.050	1.064	1.106	1.076	1.101	1.099	1.072	1.092	1.069	1.078	1.080	1.055	1.050	0.987	0.846	0.598
0.646	0.941	1.048	1.061	1.101	1.072	1.097	1.095	1.068	1.089	1.066	1.076	1.078	1.055	1.051	0.992	0.855	0.608
0.645	0.941	1.048	1.061	1.102	1.072	1.097	1.096	1.069	1.090	1.067	1.076	1.078	1.055	1.051	0.991	0.855	0.606
0.686	0.962	1.055	1.057	1.093	1.062	1.085	1.083	1.057	1.078	1.055	1.063	1.065	1.044	1.044	0.994	0.871	0.646
0.685	0.961	1.054	1.056	1.092	1.061	1.085	1.083	1.057	1.078	1.056	1.064	1.067	1.046	1.046	0.996	0.871	0.645
0.683	0.961	1.057	1.061	1.098	1.066	1.090	1.087	1.060	1.081	1.057	1.065	1.066	1.044	1.041	0.988	0.860	0.635
0.668	0.957	1.057	1.061	1.097	1.065	1.088	1.085	1.058	1.079	1.057	1.066	1.070	1.050	1.050	0.997	0.868	0.627
0.684	0.966	1.063	1.065	1.101	1.068	1.091	1.087	1.059	1.079	1.055	1.063	1.064	1.042	1.040	0.986	0.858	0.629
0.651	0.946	1.050	1.060	1.099	1.070	1.094	1.092	1.066	1.086	1.064	1.073	1.076	1.054	1.051	0.994	0.861	0.612
0.667	0.955	1.055	1.060	1.096	1.064	1.087	1.085	1.058	1.079	1.057	1.067	1.071	1.051	1.051	0.999	0.870	0.629
0.684	0.960	1.051	1.053	1.088	1.057	1.081	1.080	1.055	1.076	1.055	1.064	1.068	1.048	1.049	1.001	0.879	0.651
0.682	0.956	1.048	1.050	1.086	1.056	1.081	1.080	1.055	1.077	1.055	1.065	1.069	1.049	1.051	1.004	0.882	0.655
0.660	0.954	1.052	1.056	1.091	1.060	1.083	1.082	1.057	1.078	1.057	1.068	1.072	1.054	1.056	1.008	0.882	0.632
0.671	0.959	1.054	1.057	1.091	1.059	1.082	1.080	1.054	1.075	1.054	1.065	1.070	1.051	1.054	1.005	0.879	0.638
0.652	0.947	1.050	1.058	1.096	1.066	1.090	1.088	1.062	1.083	1.061	1.071	1.075	1.055	1.055	1.001	0.869	0.619
0.649	0.948	1.055	1.066	1.104	1.073	1.096	1.094	1.067	1.087	1.064	1.073	1.075	1.053	1.050	0.991	0.854	0.603
0.680	0.965	1.058	1.058	1.093	1.061	1.084	1.082	1.055	1.076	1.054	1.063	1.066	1.045	1.046	0.998	0.875	0.640
0.674	0.965	1.065	1.069	1.106	1.073	1.096	1.092	1.063	1.083	1.058	1.065	1.065	1.041	1.037	0.981	0.850	0.615
0.674	0.962	1.062	1.065	1.100	1.067	1.089	1.086	1.058	1.078	1.055	1.064	1.067	1.046	1.046	0.993	0.864	0.624
0.677	0.953	1.043	1.045	1.081	1.052	1.077	1.077	1.054	1.076	1.056	1.067	1.071	1.053	1.056	1.011	0.891	0.660
0.644	0.941	1.046	1.057	1.096	1.067	1.092	1.091	1.065	1.087	1.065	1.075	1.079	1.058	1.057	1.001	0.867	0.614

5.0 CALCULATED DATA

As mentioned in Section 2.0, the burnup data contained in the database was calculated with 3-D nodal codes. For cycles that were completed, the actual core loading pattern and cycle length were used in the 3-D depletion analysis. For current or future cycles, expected loading patterns and cycle lengths were used in the depletion analysis. After the initial startup steps, time steps in the order of 1000 to 2000 MWd/MTU were used to deplete the cycle. Unless otherwise noted, the calculations were run with all control rods withdrawn. Only the end of each cycle axial burnup profiles were added to the database. Thus, the data not only represents the discharged assemblies, but also the recycled assemblies. Cycle-by-cycle core shuffle schemes with assembly identification were provided or created from the available data. This approach provides a more extensive set of axial profile data. The subsections below provide a description of the contributed information on a plant-by-plant basis. It is important to note that the nodalizations mentioned in the following subsections were all fitted into 18 nodes when needed.

5.1 Framatome Technologies

Framatome Technologies provided 12 cycles of data for ANO-1, 9 cycles of data for Davis Besse, 9 cycles of data for Crystal River and 10 cycles of data for TMI-1. NEMO calculations were run for all cycles of operation using the cycle specific loading pattern and cycle length. For the earlier cycles, power shaping rods were partially inserted during the cycle. All the other cycles were depleted with all control rods withdrawn. The rodded assemblies provided less burnup in the upper portion of some assemblies for the earlier cycles. In addition, some assembly data showed low burnup over several nodes. Only a few such assemblies were left in the core loading in the later cycles. If those assemblies were reinserted into the next cycle loading, the abnormal shape was somewhat mitigated by irradiation in the additional cycle of operation.

Total active fuel length for ANO-1, TMI-1 and Crystal River is 141.8 inches and 143.2 inches for Davis Besse. In general, 18 nodes were used over the active fuel length. An assumption was made that the burnable absorber rods, which were shorter than the active fuel length were located in the center of each assembly. The top and bottom nodes represented regions without burnable absorber rods. Thus, the top and bottom nodes were slightly longer than the uniform length 16 central nodes. Therefore, the nodalization in ANO-1 Cycles 7

through 10 was increased to 20 nodes per assembly to maintain uniform nodal length. At the end of each cycle depletion, the axial burnup profiles from assemblies representing one eighth of the core were placed into the database. These calculations produced a database of 1160 end-of-cycle assembly axial burnup profiles for the B&W 15x15 design that encompass a minimum burnup of 3086 MWd/MTU and a maximum burnup of 54,170 MWd/MTU. The enrichment ranged from 1.93 w/o to 4.75 w/o ^{235}U. Some assemblies of this design contained B_4C burnable absorber rods.

5.2 Yankee Atomic Electric Company

Yankee Atomic Electric Company provided 16 cycles of data for Maine Yankee and 5 cycles of data for Seabrook. For the Maine Yankee input to the database, SIMULATE-3 calculations were run for 16 cycles of operation using the cycle specific loading pattern and cycle length. The initial cycle of operation was depleted with control rods inserted while all other cycles were depleted with all control rods withdrawn. Depletion was performed using 20 axial nodes per assembly to represent the 136.7 inch active fuel height. At the end of each cycle depletion, the axial burnup profiles from assemblies representing one eighth of the core were placed into the database. These calculations produced a database of 544 end-of-cycle assembly axial burnup profiles for the CE 14x14 design that encompass a minimum burnup of 4984 MWd/MTU and a maximum burnup of 49,434 MWd/MTU. The enrichment ranged from 1.93 w/o to 3.92 w/o ^{235}U and the assemblies contained 0 to 16 burnable absorber rods of B_4C with the last cycle containing assemblies with 24 or 48 IFBA rods.

For the Seabrook input to the database, SIMULATE-3 calculations were run for 5 cycles of operation using the cycle specific loading pattern and cycle length. Cycle depletion was performed using 24 axial nodes per assembly to represent the 144 inch active fuel height. At the end of each cycle depletion, the axial burnup profiles from assemblies representing one eighth of the core were placed into the database. These calculations produced a database of 155 end-of-cycle assembly axial burnup profiles for the Westinghouse 17x17 design that encompass a minimum burnup of 8223 MWd/MTU and a maximum burnup of 53,517 MWd/MTU. The enrichment ranged from 1.60 w/o to 4.62 w/o ^{235}U. The first cycle assemblies contained borosilicate glass (B_2O_3 in the database) as the burnable absorber with assemblies containing 0 to 24 burnable absorber rods. Cycles 2 through 4 contained assemblies with 64 to 156 IFBA rods.

5.3 Arizona Public Service Company

Arizona Public Service Company provided 6 cycles of data for Palo Verde Units 1 and 3. The data was calculated using SIMULATE-3 and the cycle specific loading pattern and cycle length. Cycle depletion was performed using 25 axial nodes per assembly to represent the 150 inch active fuel length. At the end of each cycle depletion, the axial burnup profiles from assemblies representing one eighth of the core were placed into the database. These calculations produced a database of 228 end-of-cycle assembly axial burnup profiles for the CE 16x16 design that encompass a minimum burnup of 12,096 MWd/MTU and a maximum burnup of 49,897 MWd/MTU. The enrichment ranged from 2.73 w/o to 4.28 w/o ^{235}U. Five cycles of operation used assemblies containing 0 to 16 burnable absorber rods of B_4C. For Unit 3, one cycle of operation used the erbium burnable absorber with 16 to 72 erbium bearing rods per assembly.

5.4 Duke Power Company

Duke Power Company provided data for the two McGuire and Catawba Units and for the three Oconee Units. For the McGuire and Catawba input to the database, SIMULATE-3 calculations were run for two cycles of operation for each unit using the cycle specific loading pattern and cycle length. Cycle depletion was performed using 18 axial nodes per assembly to represent the 144 inch active fuel height with one cycle each of McGuire and Catawba using 12 axial nodes per assembly. At the end of each cycle depletion, the axial burnup profiles from assemblies representing one eighth of the core were placed into the database. These calculations produced a database of 248 end-of-cycle assembly axial burnup profiles for the Westinghouse 17x17 design that encompass a minimum burnup of 10,196 MWd/MTU and a maximum burnup of 47,878 MWd/MTU. The enrichment ranged from 2.92 w/o to 3.95 w/o ^{235}U and the assemblies contained B_4C burnable absorbers.

For the Oconee input to the database, SIMULATE-3 calculations were run for two cycles of operation for each unit using the cycle specific loading pattern and cycle length. Cycle depletion was performed using 23 axial nodes per assembly to represent the 140.6 inch active fuel height. At the end of each cycle depletion, the axial burnup profiles from assemblies representing one eighth of the core were placed into the database. These calculations produced a database of 174 end-of-cycle assembly axial burnup profiles for the B&W 15x15 design that encompass a minimum burnup of 14,241 MWd/MTU and a maximum burnup of 51,174

MWd/MTU. The enrichment ranged from 3.30 w/o to 3.88 w/o ^{235}U and the assemblies contained B_4C burnable absorbers.

5.5 Northeast Utilities

Northeast Utilities provided data for the Millstone 3 and Connecticut Yankee Units. For the Millstone 3 input to the database, ANC calculations were run for two cycles of operation for each unit using the cycle specific loading pattern and cycle length. Cycle depletion was performed using 24 axial nodes per assembly to represent the 144 inch active fuel height. At the end of each cycle depletion, the axial burnup profiles from assemblies representing one eighth of the core were placed into the database. These calculations produced a database of 62 end-of-cycle assembly axial burnup profiles for the Westinghouse 17x17 design that encompass a minimum burnup of 14,375 MWd/MTU and a maximum burnup of 54,582 MWd/MTU. The enrichment ranged from 3.50 w/o to 4.19 w/o ^{235}U. No burnable absorber information was provided for this plant. One of Millstone 3 cycles contained 6 inch natural uranium blankets at the top and bottom of the core.

For the Connecticut Yankee input to the database, ANC calculations were run for two cycles of operation using the cycle specific loading pattern and cycle length. The plant name used in the database was Haddam Neck, not Connecticut Yankee. Cycle depletion was performed using 20 axial nodes per assembly to represent an average active fuel height of 119.2 inches. At the end of each cycle depletion, the axial burnup profiles from assemblies representing one eighth of the core were placed into the database. These calculations produced a database of 52 end-of-cycle assembly axial burnup profiles for the Westinghouse 15x15 design that encompass a minimum burnup of 10,282 MWd/MTU and a maximum burnup of 55,289 MWd/MTU. The enrichment ranged from 3.60 w/o to 4.70 w/o ^{235}U. Connecticut Yankee changed from stainless steel clad fuel to Zircaloy clad fuel. One of the Connecticut Yankee assemblies in the database is stainless steel clad fuel.

5.6 Carolina Power & Light Company

Carolina Power & Light provided four cycles of data for H. B. Robinson. For the input to the database, PRESTO-II calculations were run for all cycles of operation using the cycle specific loading pattern and cycle length. Cycle depletions were performed using 24 axial nodes per assembly to represent an active fuel height of 144 inches. At the end of each cycle depletion, the axial burnup profiles from assemblies representing the quarter core were placed into the database. These calculations produced a database of 104 end-of-cycle assembly axial burnup profiles for the Westinghouse 15x15 design that encompass a minimum burnup of 9862 MWd/MTU and a maximum burnup of 42,235 MWd/MTU. The enrichment ranged from 1.24 w/o to 4.20 w/o ^{235}U, used gadolinium as a burnable absorber and natural uranium blankets at the ends of the fuel assemblies. H. B. Robinson used part length shield assemblies on the periphery of the core to mitigate the neutron fluence on the vessel. These part length shield assemblies are included in the database.

5.7 Iberdrola

Iberdrola provided data for the two Almaraz Units in Spain. For the Almaraz input to the database, SIMULATE-3 calculations were run for 9 cycles of operation for Almaraz 1 and 8 cycles of operation for Almaraz 2 using the cycle specific loading pattern and cycle length. Cycle depletion was performed using 24 axial nodes per assembly to represent the 144 inch active fuel height. At the end of each cycle depletion, the axial burnup profiles from assemblies representing one eighth of the core were placed into the database. These calculations produced a database of 442 end-of-cycle assembly axial burnup profiles for the Westinghouse 17x17 design that encompass a minimum burnup of 5569 MWd/MTU and a maximum burnup of 51,014 MWd/MTU. The enrichment ranged from 2.1 w/o to 4.1 w/o ^{235}U and the assemblies contained B_4C burnable absorbers. No assembly enrichments were provided for 17 assemblies (eight assemblies from Unit 1 and nine assemblies from Unit 2).

6.0 SELECTED AXIAL BURNUP PROFILES

As discussed in Section 4.0, no data was removed from the database as a result of the visual evaluation and discussions with the contributors. To provide a better feel for the data in the database, a variety of axial burnup profiles were selected from the final database for graphical representation along with a brief discussion. The database serial number has been included in the figures to allow users of the database to locate the axial burnup profiles presented.

Figures 3 through 6 are examples of unusual axial burnup profile behavior due to axial power shaping rods. These axial burnup profiles were products from early cycles of B&W designed plants where power shaping rods were partially inserted. This practice was later revised in B&W plants. Figure 3 shows the effects of an axial power shaping rod in a single assembly discharged after one cycle in Arkansas Nuclear Unit 1. Figure 4 demonstrates the diminishing effects of an axial power shaping rod in a single assembly in three consecutive cycles at Crystal River. The bottom peaked trend displayed at Crystal River leveled out quickly. Figure 5 illustrates similar effects of an axial power shaping rod in a single assembly for two cycles in Davis Besse. The effects of an axial power shaping rod in a single assembly used for three cycles in Three Mile Island 1 are shown in Figure 6. In this case, increased burnup in the core mitigated the effects of the axial power shaping rod by showing more compact behavior among the three cycles of operation.

H. B. Robinson used part length shield assemblies on the core flats to reduced the fluence on the circumferential weld. The part length shield assemblies utilized stainless steel in place of fuel in the bottom 42 inches of the fuel assembly. A sample axial burnup profile for a part length shield assembly is provided in Figure 7.

A number of utilities are adopting the practice of utilizing axial blankets in the top and bottom six inches of the fuel assembly. The axial blankets are either natural uranium or a lower enrichment than the remainder of the assembly. Although the database contains only a small sample of axial blanketed assemblies, their popularity is expected to increase. A sample axial burnup profile for Millstone 3 is provided in Figure 8. The lower enrichment (natural uranium) causes a rapid decrease in the axial burnup profile at the top and bottom of the assembly.

Connecticut Yankee changed from stainless steel clad assemblies to Zircaloy clad assemblies. Their contribution to the database contained both stainless steel clad and Zircaloy clad assemblies. Figure 9 compares the axial burnup profiles for both the stainless steel and Zircaloy clad assemblies at similar burnup values. The axial burnup profiles compare very well with the stainless steel clad assembly having a slightly lower burnup on the ends.

Typically, PWRs run with all control rods withdrawn or nearly withdrawn and use boron to control the change in reactivity with burnup. This was the case with the majority of the data placed in the database. To compare the axial burnup profiles from the various plants for the different fuel lattice types, a burnup at or near 33,500 MWd/MTU was arbitrarily chosen. Figures 10 through 16 include an individual profile for the B&W 15x15 fuel lattice for ANO-1, Crystal River, Davis Besse, Oconee 1, 2 and 3, and TMI-1. These figures showed minor differences between the axial burnup profiles. The similarity of the B&W 15x15 axial burnup profiles is shown in Figure 17. Figures 18 through 20 are the individual profile for the CE 14x14 lattice type from Maine Yankee and the CE 16x16 from Palo Verde Units 1 and 3. As with the B&W 15x15, the CE lattice types demonstrated similar behavior in their axial burnup profiles shown by Figure 21.

The Westinghouse 15x15 lattice type is represented by axial burnup profiles from Connecticut Yankee and H. B. Robinson as shown in Figures 22 and 23. A direct comparison between these two axial burnup profiles is not informative due to the use of top and bottom axial blankets at H. B. Robinson. As shown in Figure 24, a good comparison can be found between an H. B. Robinson axial burnup profile and the axial burnup profile of Millstone 3 in Figure 8 both containing axial blankets.

The Westinghouse 17x17 lattice type is represented by Catawba 1 and 2, McGuire 1 and 2, Millstone 3 (without axial blankets), Seabrook and Almaraz 1 and 2. Axial Burnup profiles from the individual plants are provided in Figures 25 through 32. Catawba 1, McGuire 2 and Seabrook all exhibit a somewhat wavy axial burnup profile. This wavy effect is especially noticeable on the Seabrook profile shown by Figure 30. The wavy profile is caused by the use of explicit grid modeling to simulate the neutron absorption at the grids. However, when all the Westinghouse 17x17 lattice type profiles are compared, their profiles are all very similar as shown in Figure 33. The Connecticut Yankee Westinghouse 15x15 lattice type was added to this figure to give a Westinghouse lattice type comparison.

As a note of interest, Seabrook is transitioning to axial blanketed assemblies using an enrichment of 2.6 w/o ^{235}U for the axial blanket. With the enriched axial blanket, the decrease in the burnup on the ends of the assembly is not as drastic as with the natural uranium blankets. Figure 34 illustrates the difference between the Millstone 3 axial burnup profile with the natural uranium blanket and the Seabrook assembly with the enriched blanket. Moreover, the axial burnup profile with an enriched axial blanket is not significantly different than an axial burnup profile without axial blankets as shown in Figure 35.

The premise that all PWR axial burnup profiles exhibit a similar shape with high burnup, assuming essentially all control rods withdrawn during operation are depicted in Figure 36. As a general comment, the burnup decreases at the top and bottom of the core where a flux gradient is caused by neutron leakage. Although the calculations were run with all control rods withdrawn, the burnup is higher in the bottom of the core than in the top. The variation is essentially due to the effect of moderator density. The colder water at the bottom of the core produces higher reactivity than the warmer water at the top. The colder water also produces more power in the bottom of the core generating higher burnup. Based on this data, bounding axial burnup profiles to encompass the majority of fuel discharged from commercial PWRs can be created.

Figure 3
Arkansas Nuclear Unit 1
Profile Due to Axial Power Shaping Rod
Lattice Size: B&W 15x15, Serial Number: A07

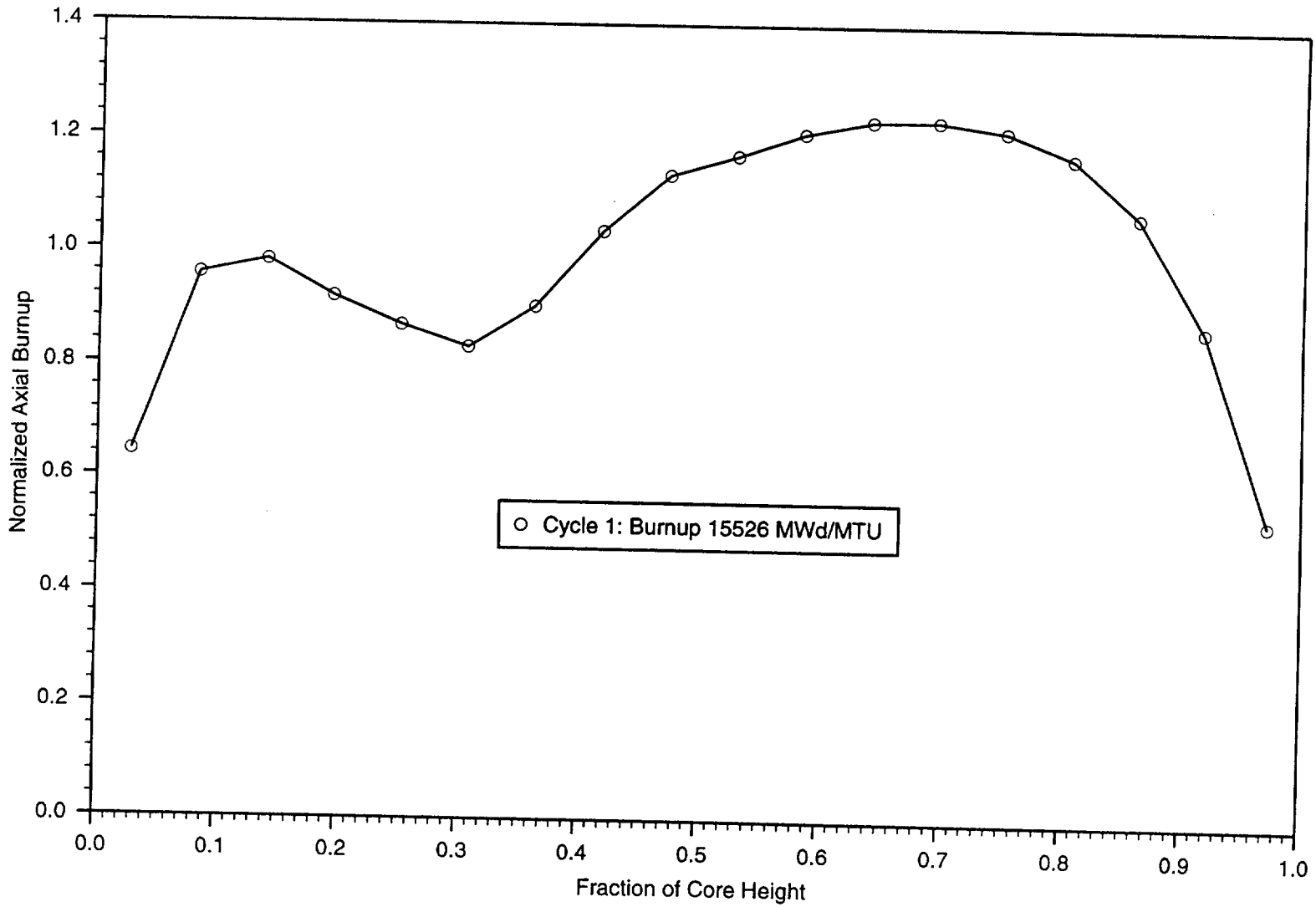


Figure 4
Crystal River
Profile Due to Axial Power Shaping Rod
Lattice Size: B&W 15x15, Serial Number: B01

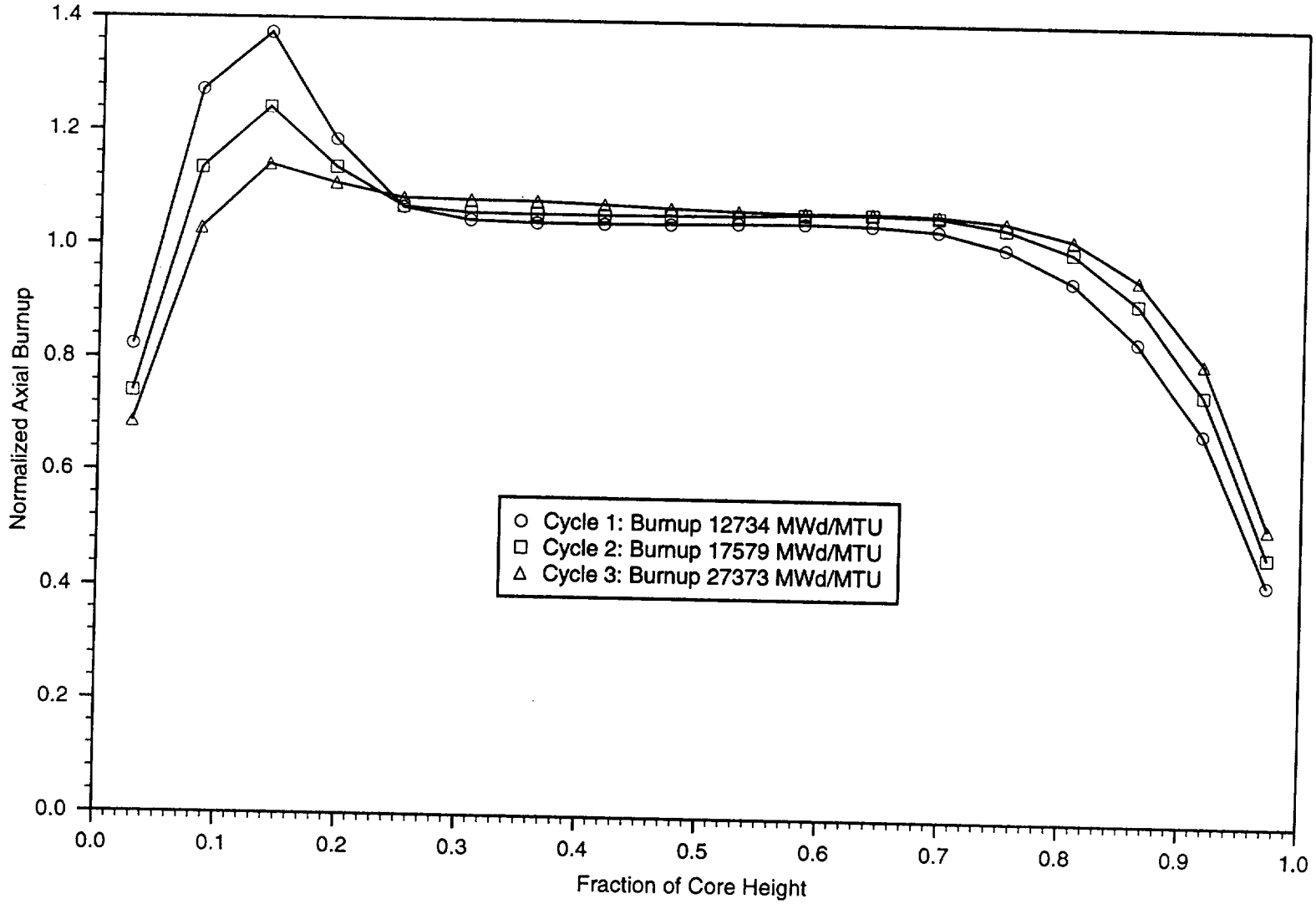


Figure 5
Davis Besse
Profile Due to Axial Power Shaping Rod
Lattice Size: B&W 15x15, Serial Number: A08

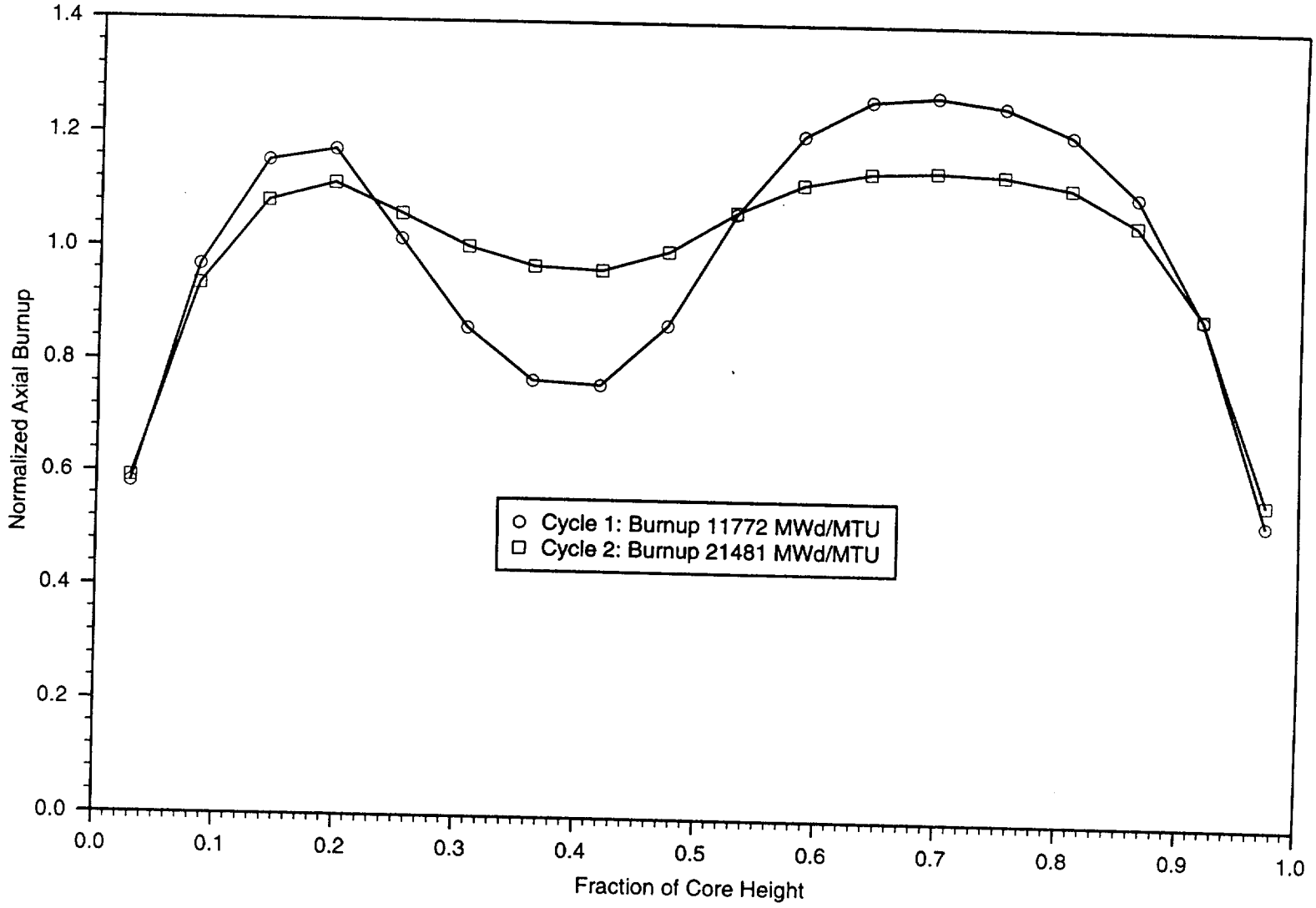


Figure 6
Three Mile Island 1
Profile Due to Axial Power Shaping Rod
Lattice Size: B&W 15x15, Serial Number: D02

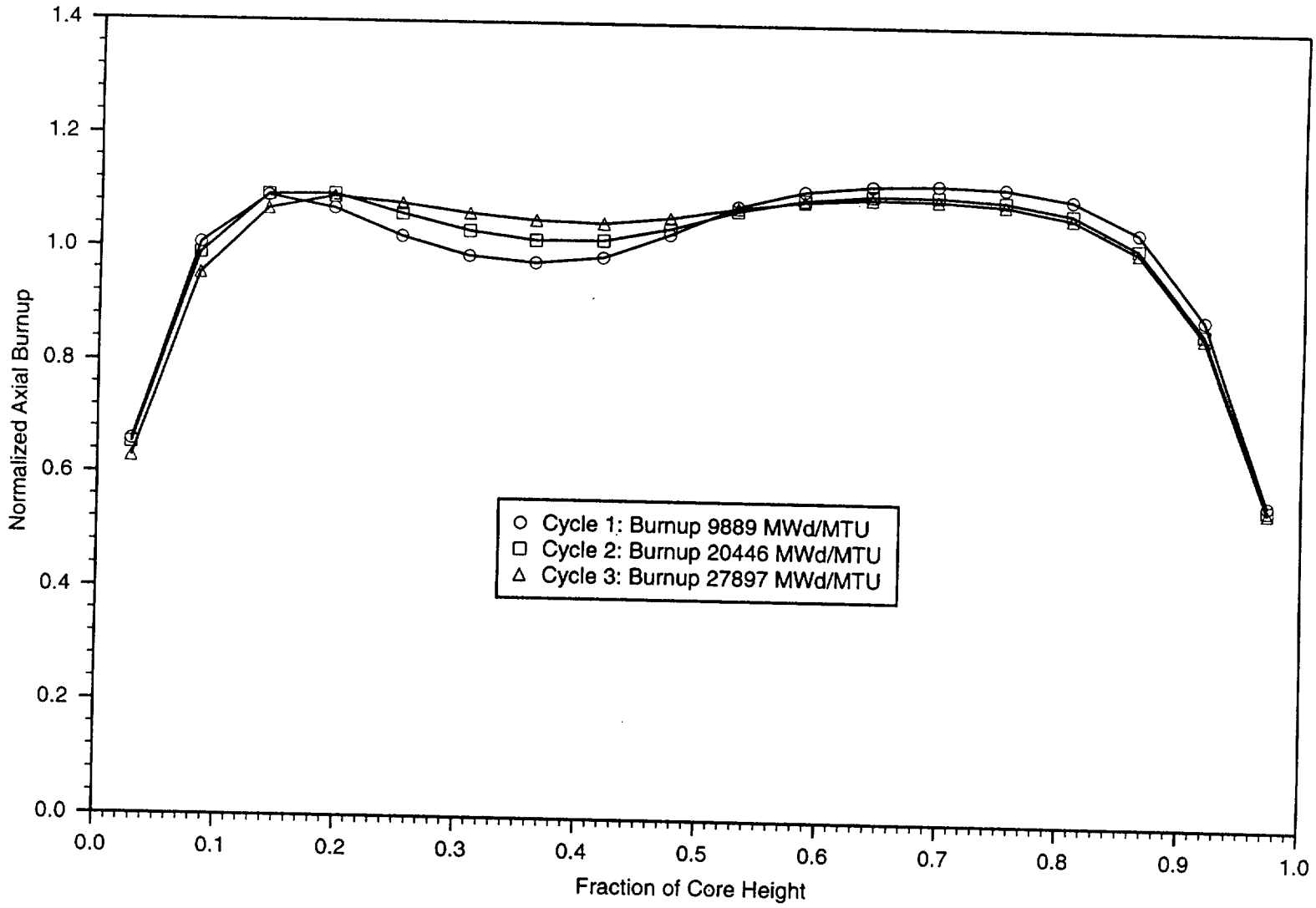


Figure 7

H. B. Robinson Part Length Shield Assembly

Total Assembly Burnup 20537 MWd/MTU, Enrichment 1.24 w/o

Lattice Size: W 15x15, Serial Number: PL02

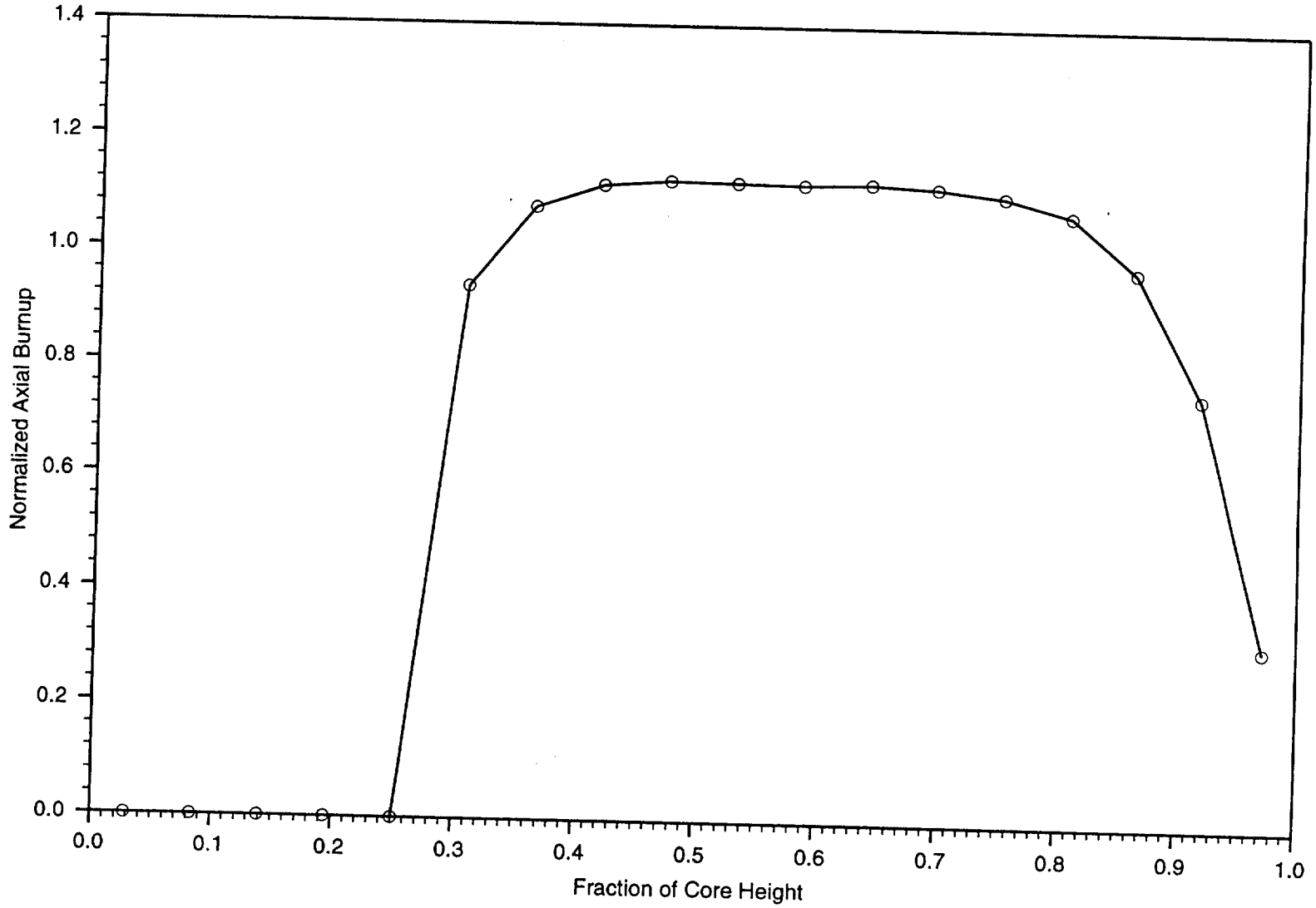


Figure 8

Millstone 3 Assembly with Axial Blankets

Total Assembly Burnup 15101 MWd/MTU, Enrichment 4.19 w/o

Lattice Size: W 17x17, Serial Number: F102

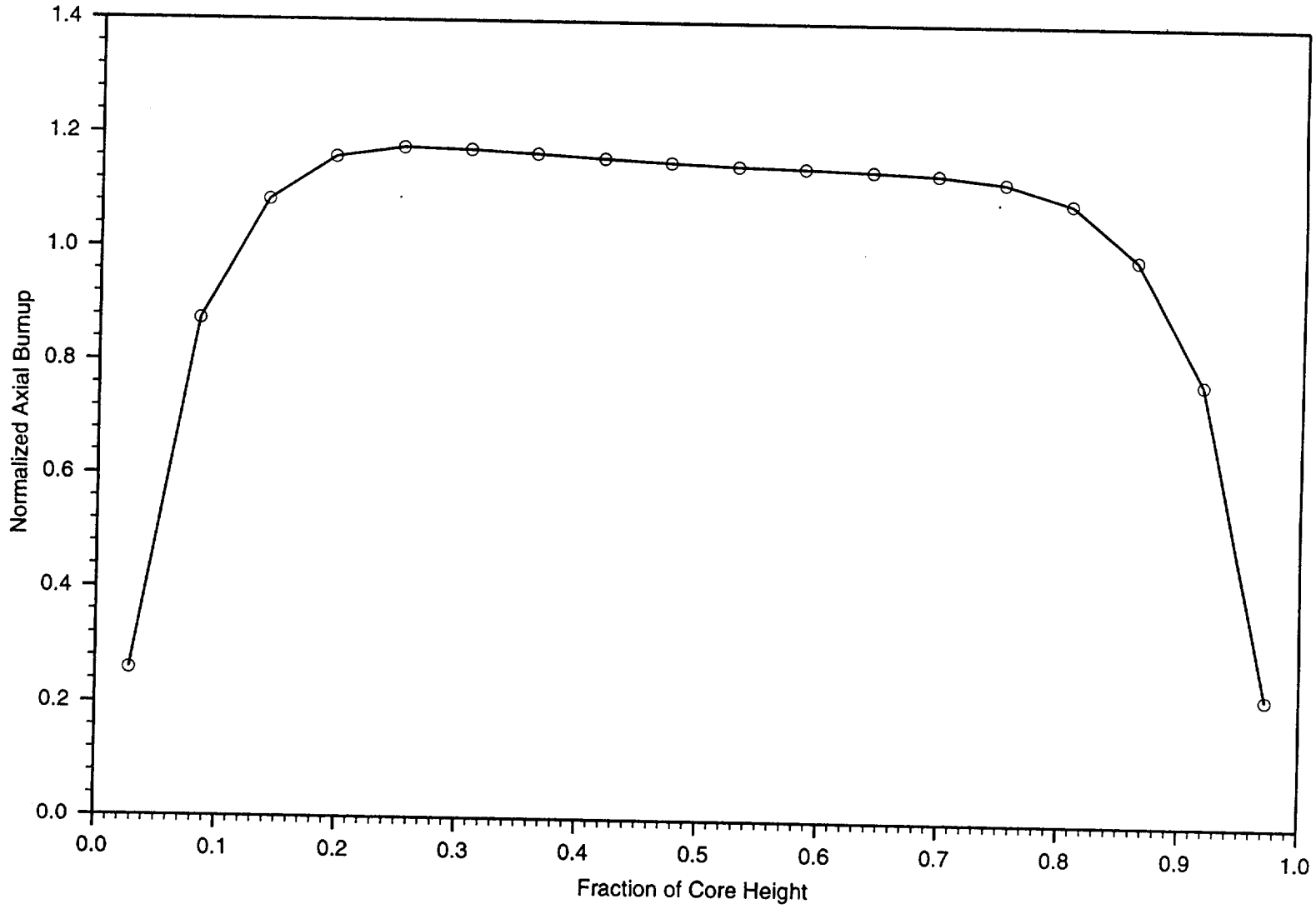


Figure 9
Connecticut Yankee
Comparison of Stainless Steel and Zircaloy Clad Assemblies
Lattice Size: W 15x15, Serial Number: I07 and A01

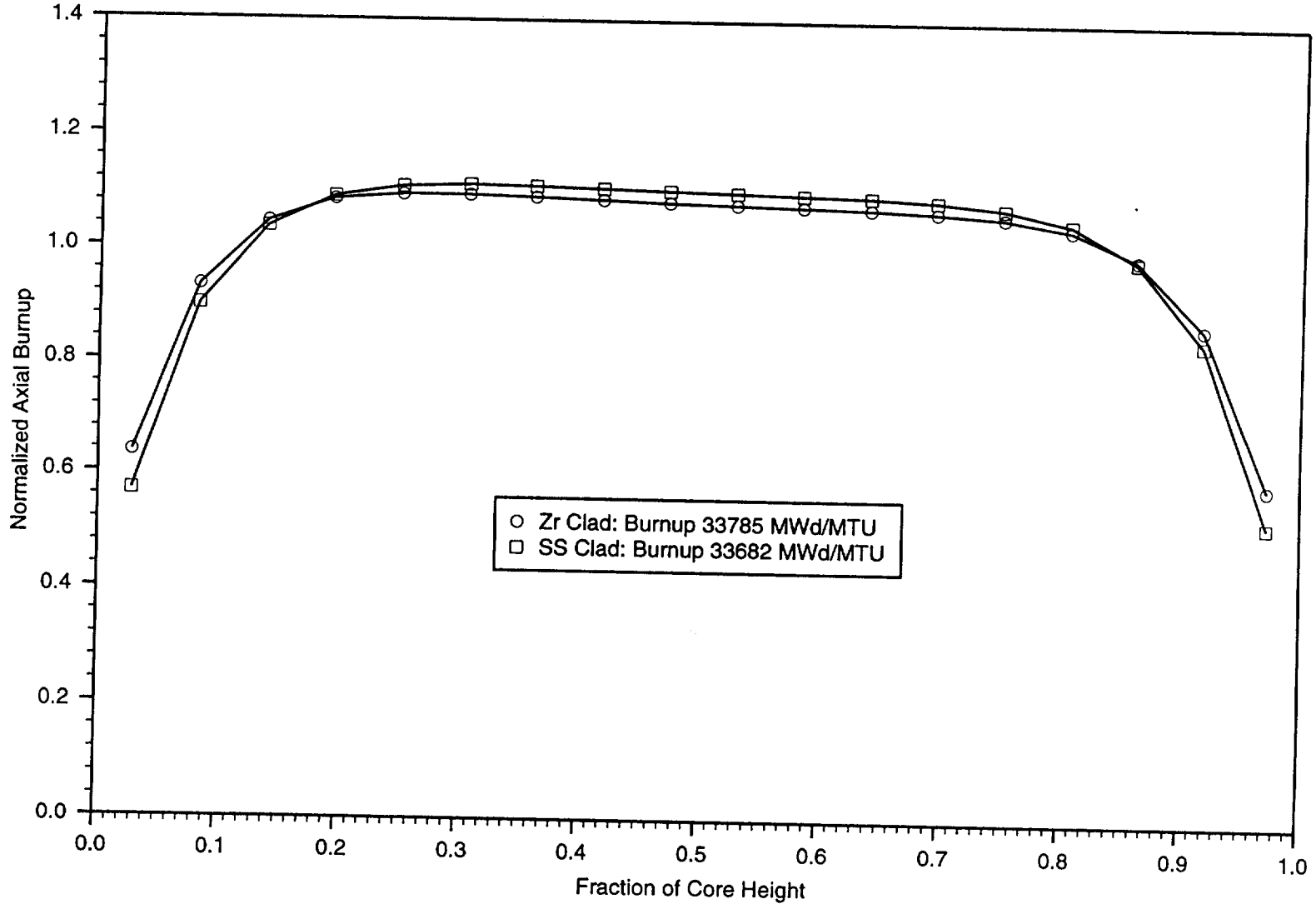


Figure 10
Assembly Axial Burnup Profile for Arkansas Nuclear Unit 1
Total Assembly Burnup 33451 MWd/MTU, Enrichment 3.35 w/o
Lattice Size: B&W 15x15, Serial Number: J04

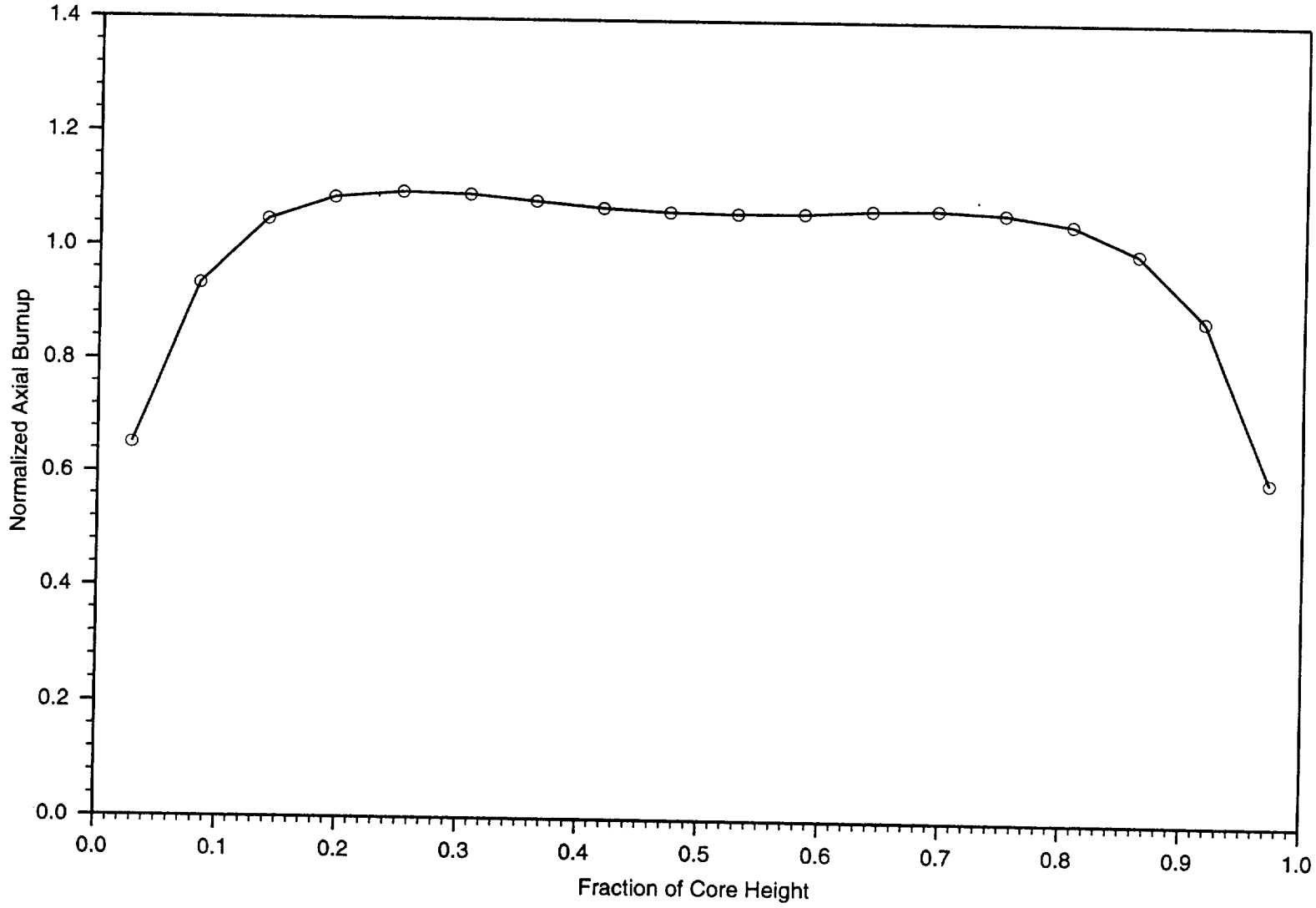


Figure 11
Assembly Axial Burnup Profile for Crystal River
Total Assembly Burnup 33607 MWd/MTU, Enrichment 3.29 w/o
Lattice Size: B&W 15x15, Serial Number: G02

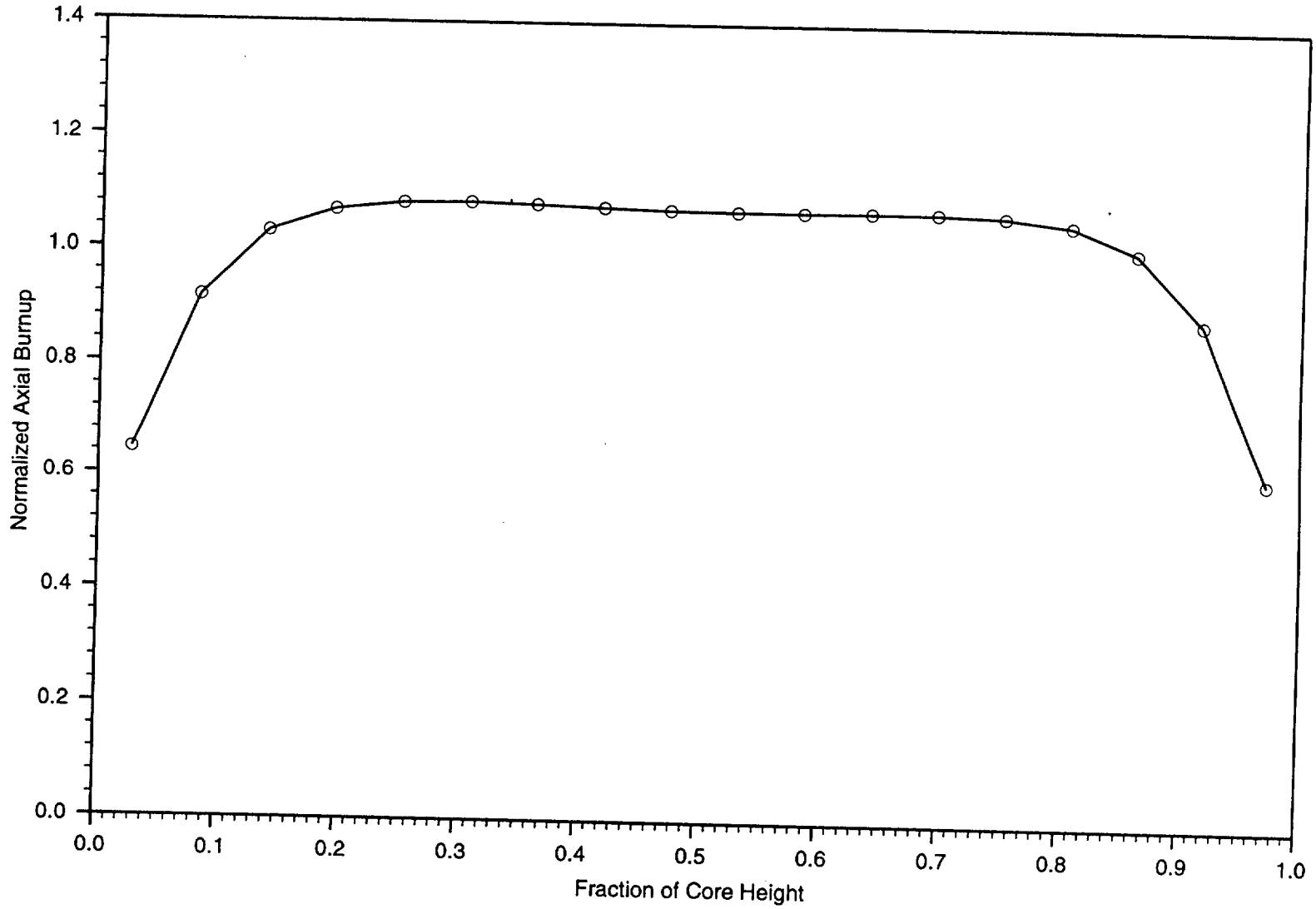


Figure 12

Assembly Axial Burnup Profile for Davis Besse

Total Assembly Burnup 33477 MWd/MTU, Enrichment 3.69 w/o

Lattice Size: B&W 15x15, Serial Number: I08

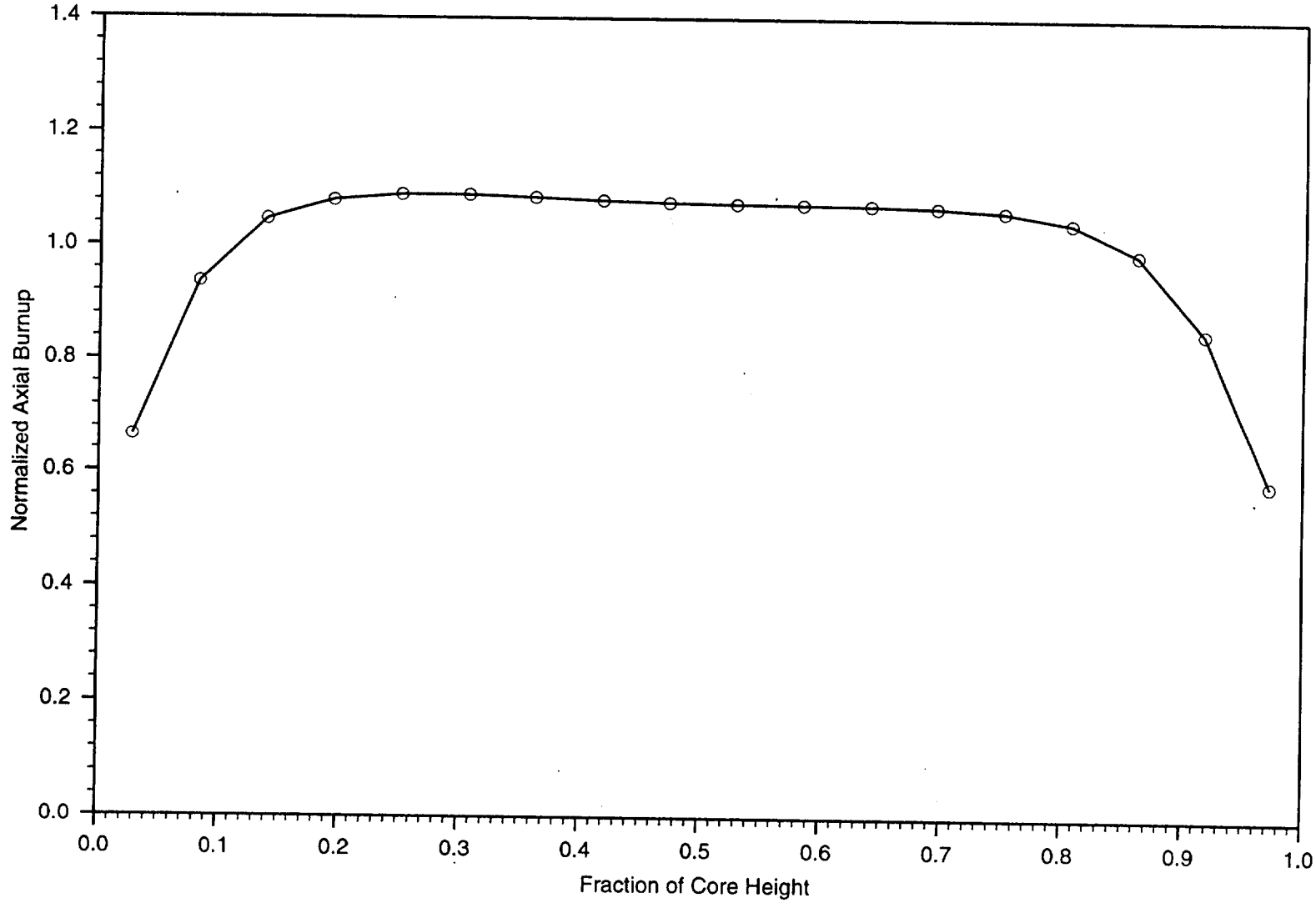


Figure 13

Assembly Axial Burnup Profile for Oconee 1

Total Assembly Burnup 33916 MWd/MTU, Enrichment 3.55 w/o

Lattice Size: B&W 15x15, Serial Number: R05

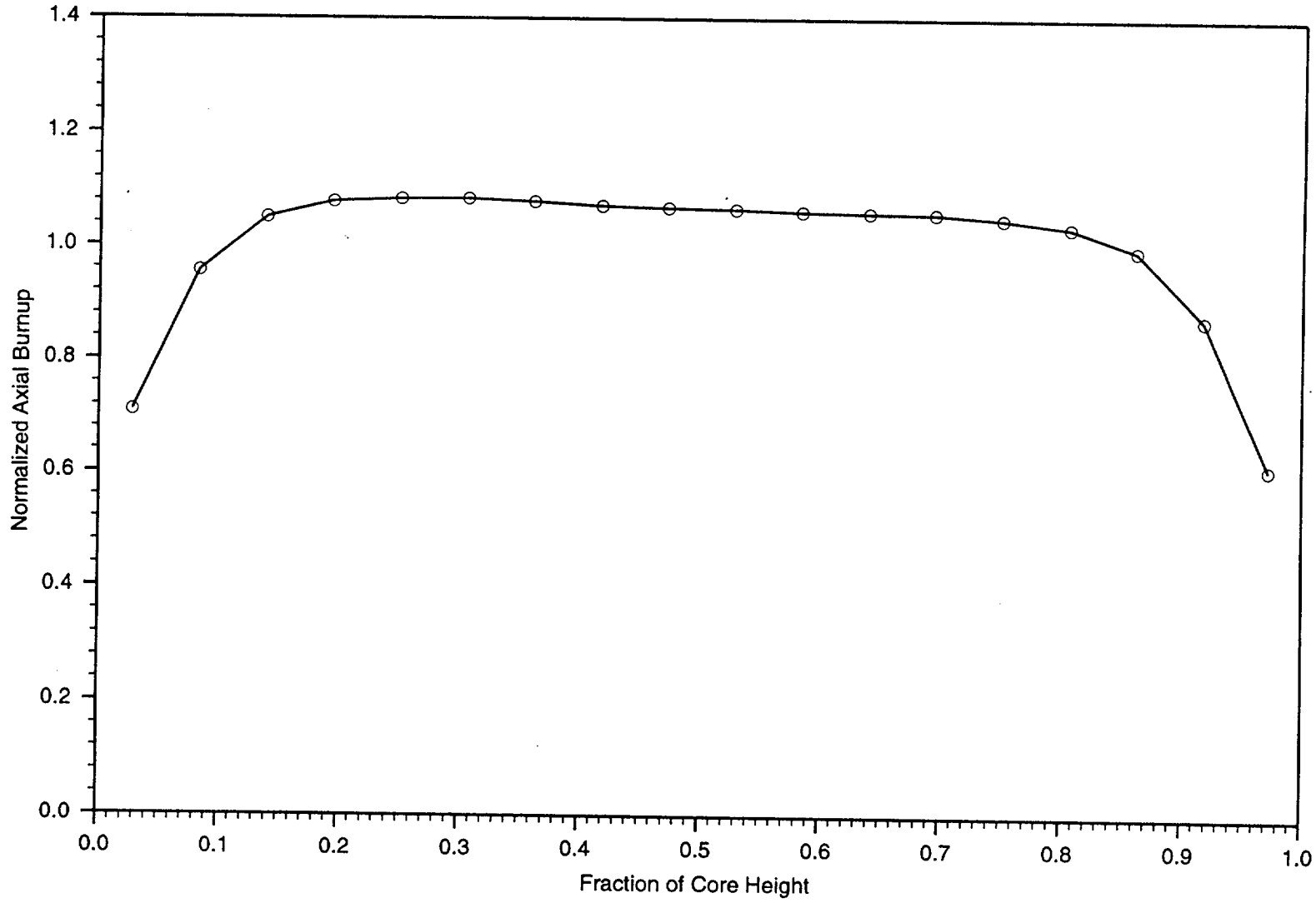


Figure 14

Assembly Axial Burnup Profile for Oconee 2

Total Assembly Burnup 33582 MWd/MTU, Enrichment 3.30 w/o

Lattice Size: B&W 15x15, Serial Number: P06

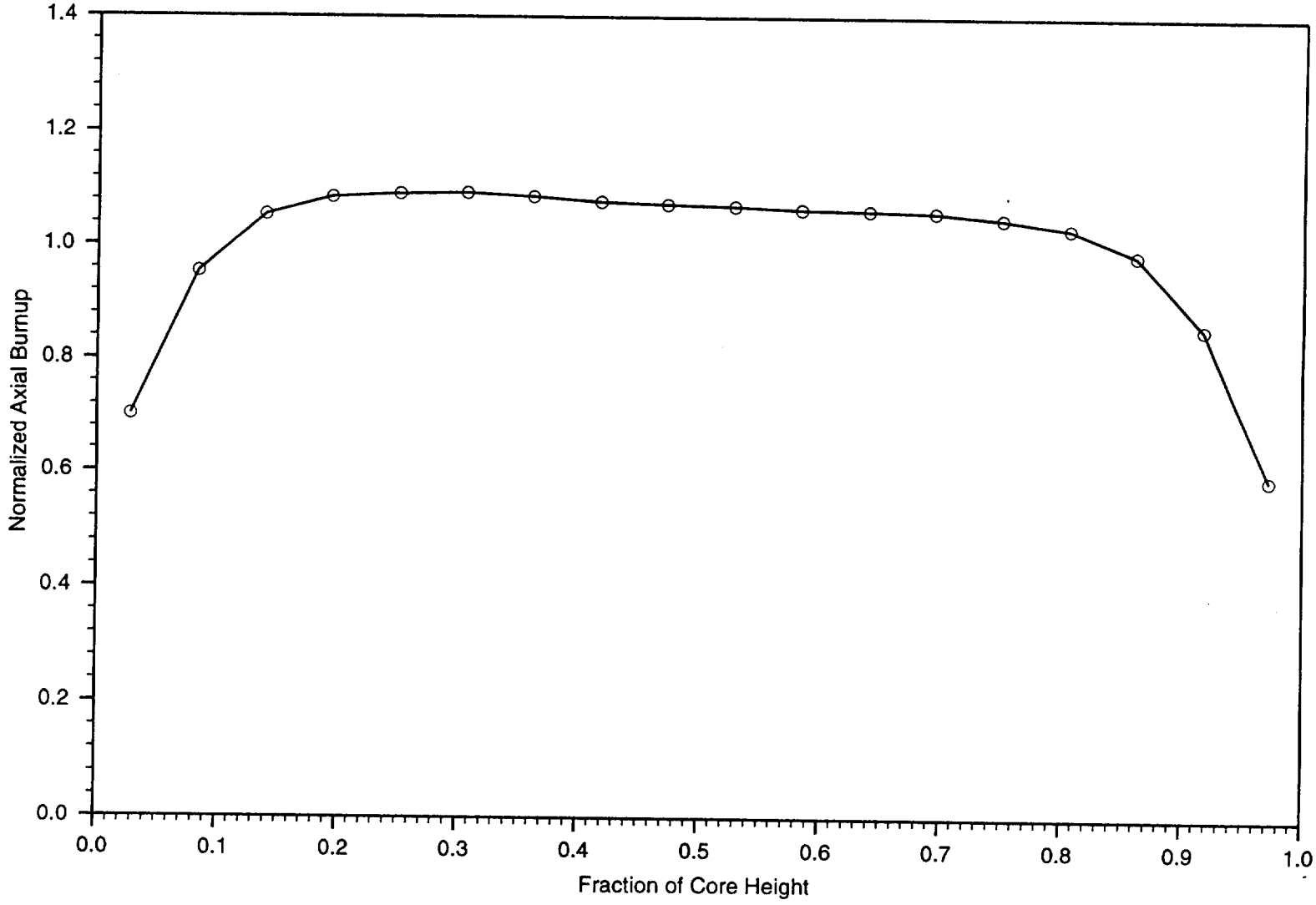


Figure 15

Assembly Axial Burnup Profile for Oconee 3

Total Assembly Burnup 33468 MWd/MTU, Enrichment 3.55 w/o

Lattice Size: B&W 15x15, Serial Number: R01

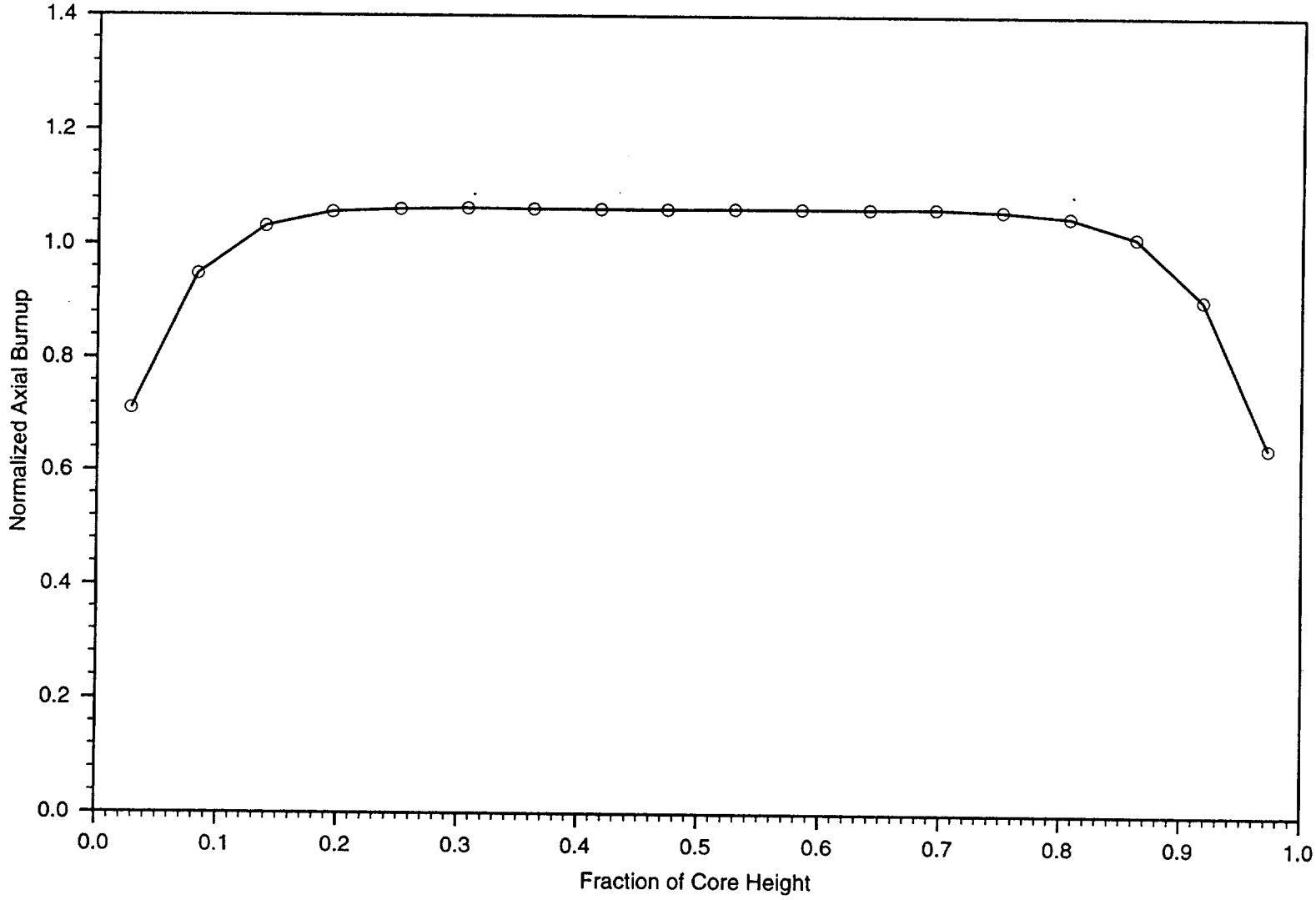


Figure 16

Assembly Axial Burnup Profile for Three Mile Island 1

Total Assembly Burnup 33420 MWd/MTU, Enrichment 3.63 w/o

Lattice Size: B&W 15x15, Serial Number: G07

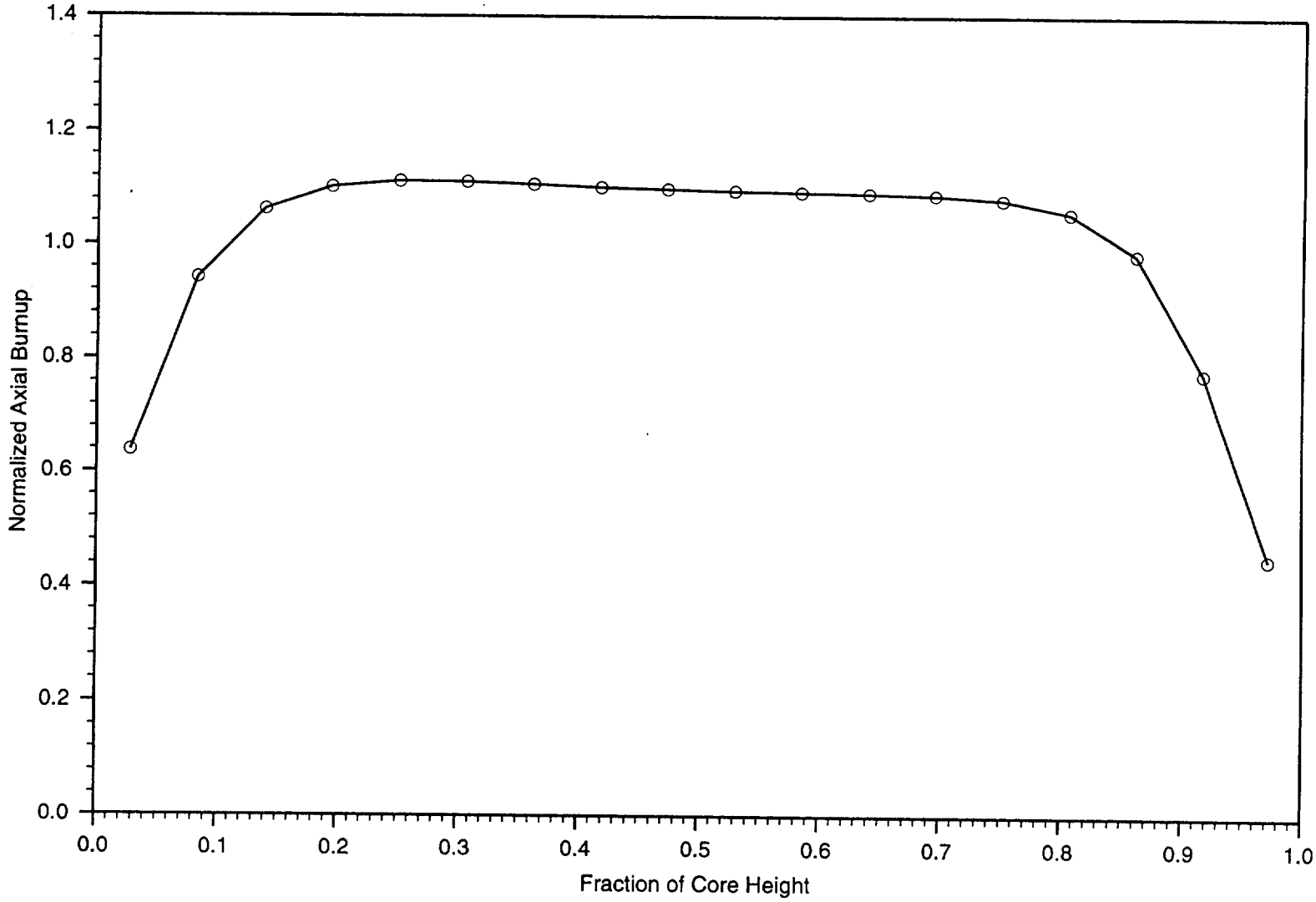


Figure 17
Normalized Axial Burnup Profile
Comparison of Various B&W Plants
Lattice Size: B&W 15x15

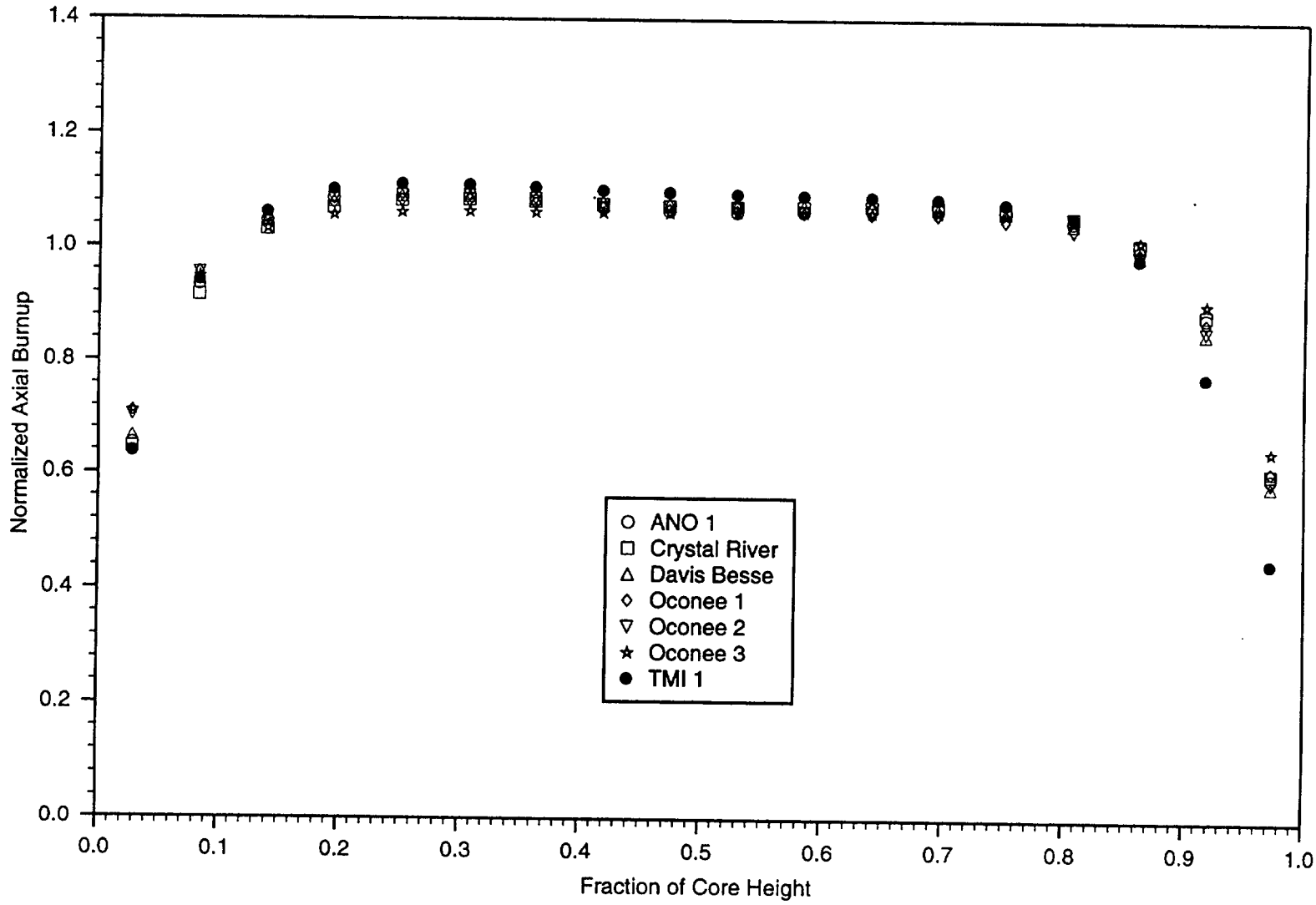


Figure 18

Assembly Axial Burnup Profile for Maine Yankee

Total Assembly Burnup 33599 MWd/MTU, Enrichment 3.70 w/o

Lattice Size: CE 14x14, Serial Number: S864

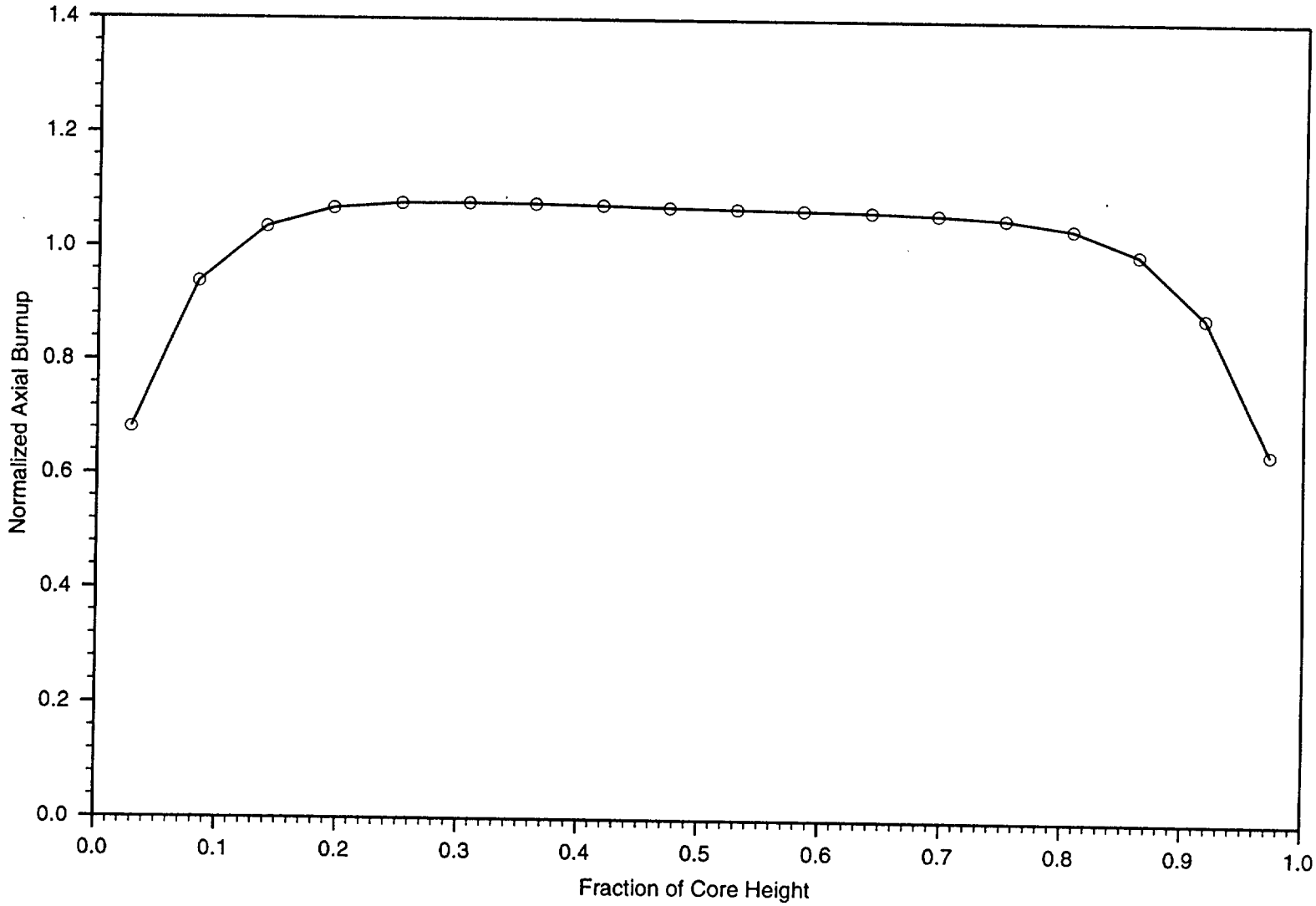


Figure 19
Assembly Axial Burnup Profile for Palo Verde 1
Total Assembly Burnup 33774 MWd/MTU, Enrichment 4.00 w/o
Lattice Size: CE 16x16, Serial Number: E001

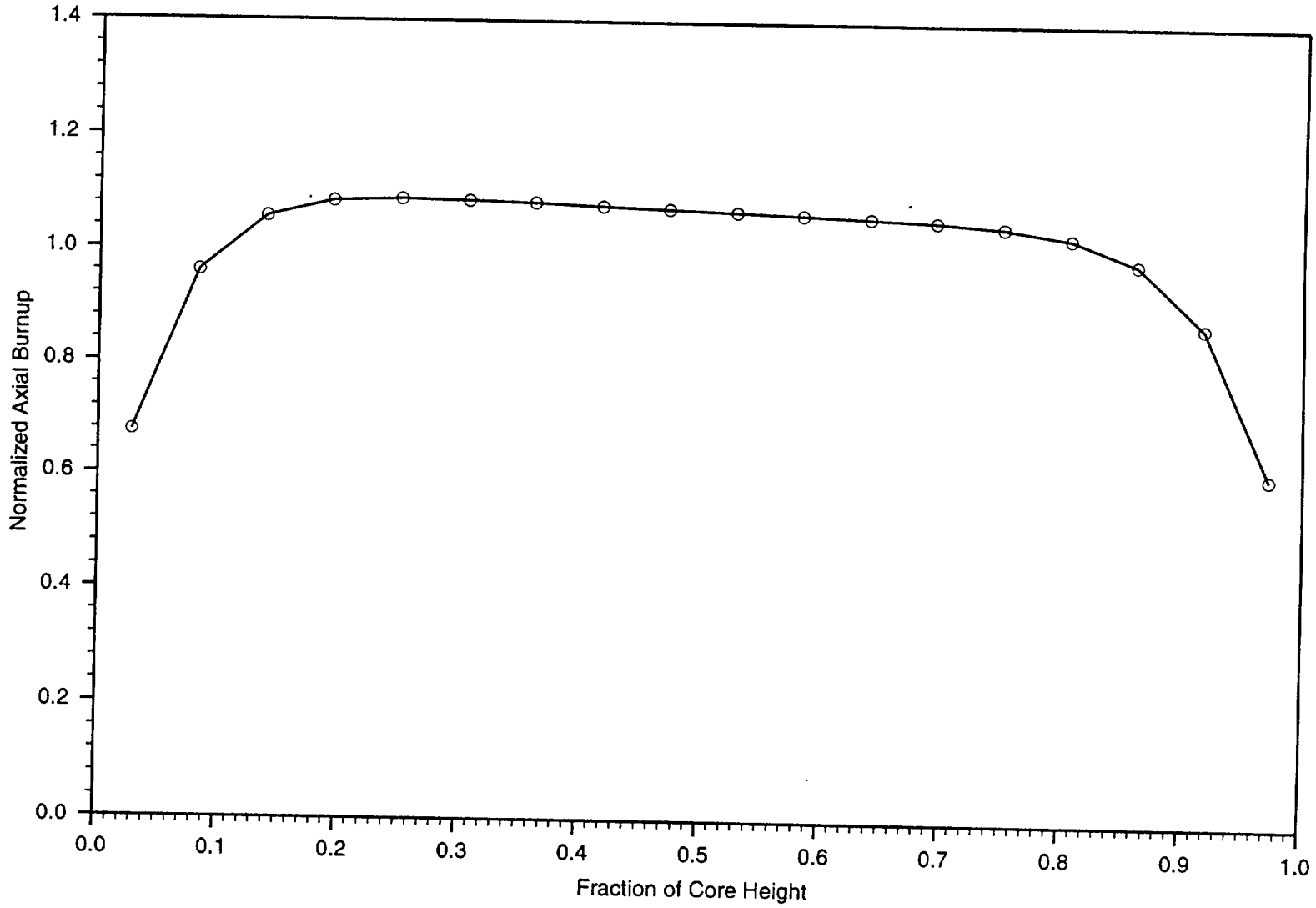


Figure 20
Assembly Axial Burnup Profile for Palo Verde 3
Total Assembly Burnup 33416 MWd/MTU, Enrichment 2.73 w/o
Lattice Size: CE 16x16, Serial Number: B203

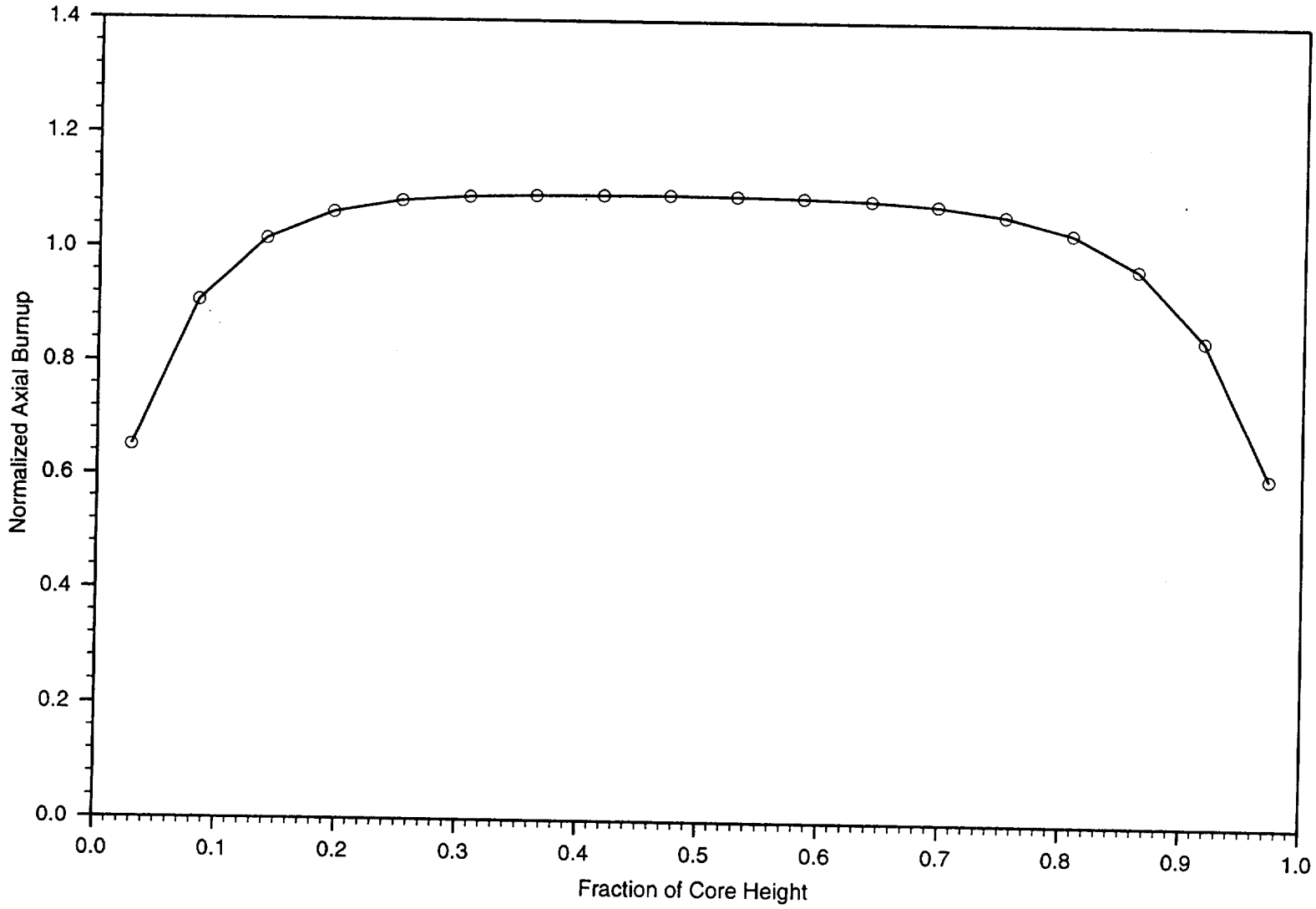


Figure 21
Normalized Axial Burnup Profile
Comparison of Various CE Plants
Lattice Size: CE 14x14 and 16x16

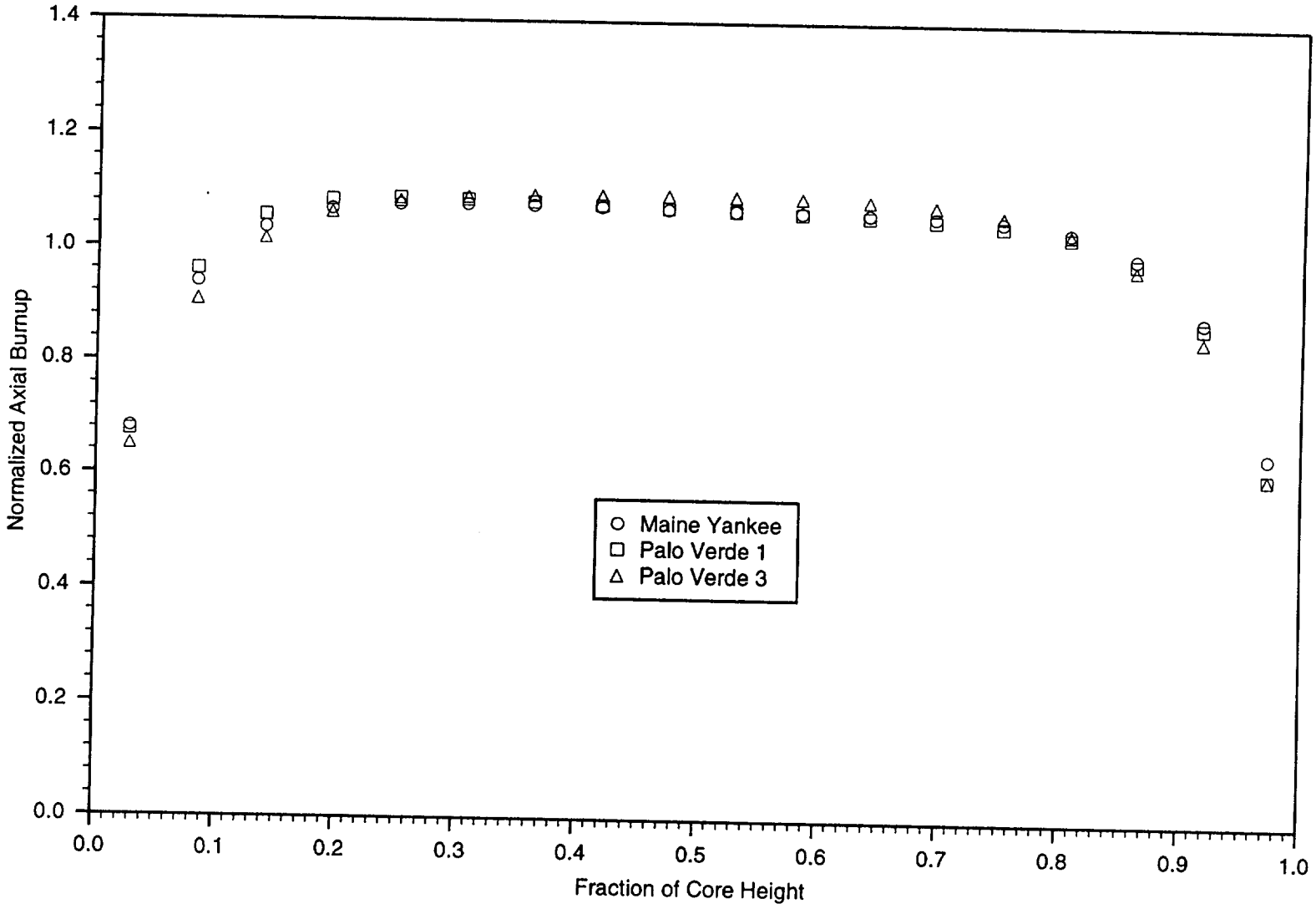


Figure 22

Assembly Axial Burnup Profile for Connecticut Yankee

Total Assembly Burnup 33785 MWd/MTU, Enrichment 4.70 w/o

Lattice Size: W 15x15, Serial Number: I07

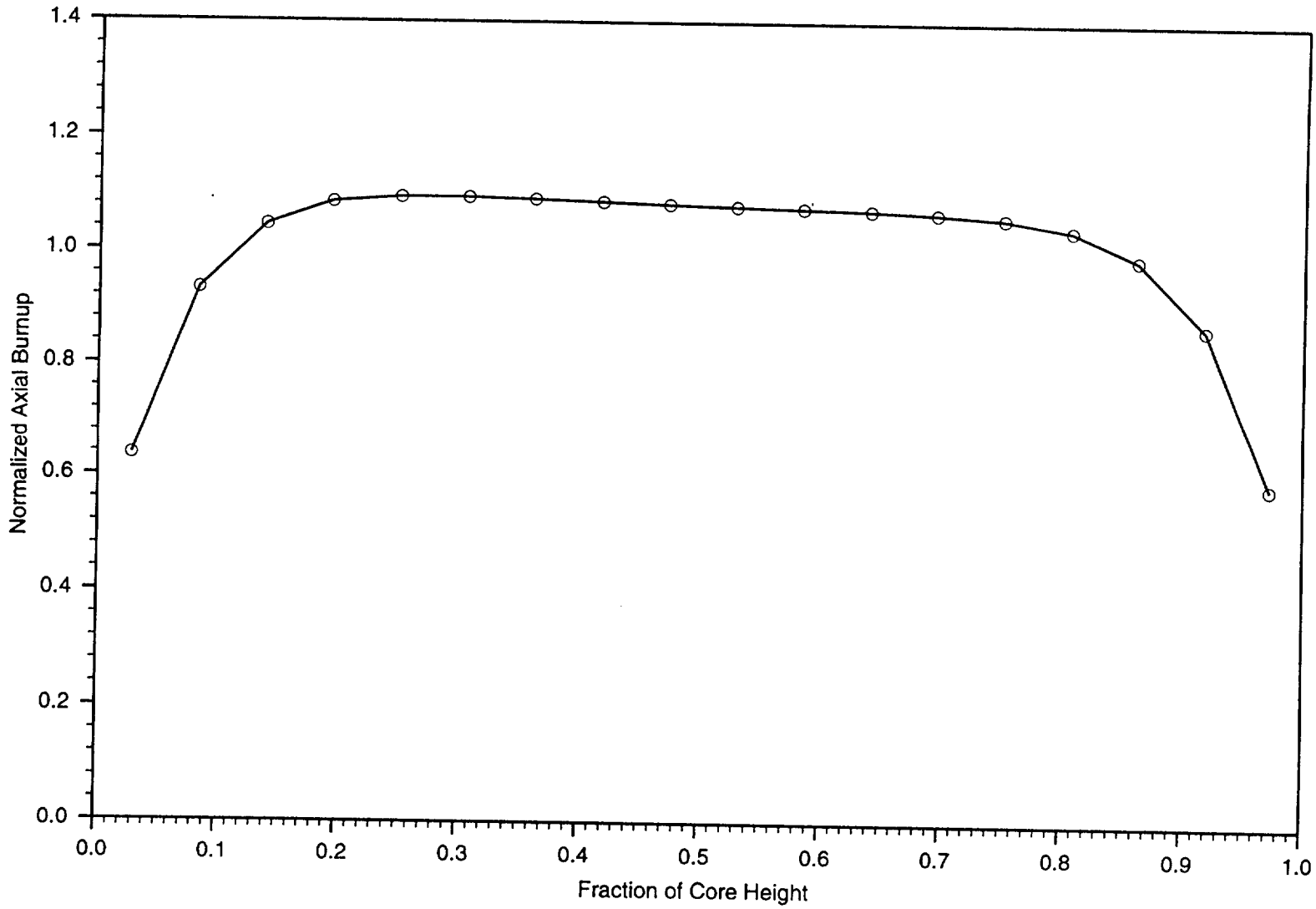


Figure 23
Assembly Axial Burnup Profile for H. B. Robinson
Total Assembly Burnup 34900 MWd/MTU, Enrichment 3.73 w/o
Lattice Size: W 15x15, Serial Number: D402

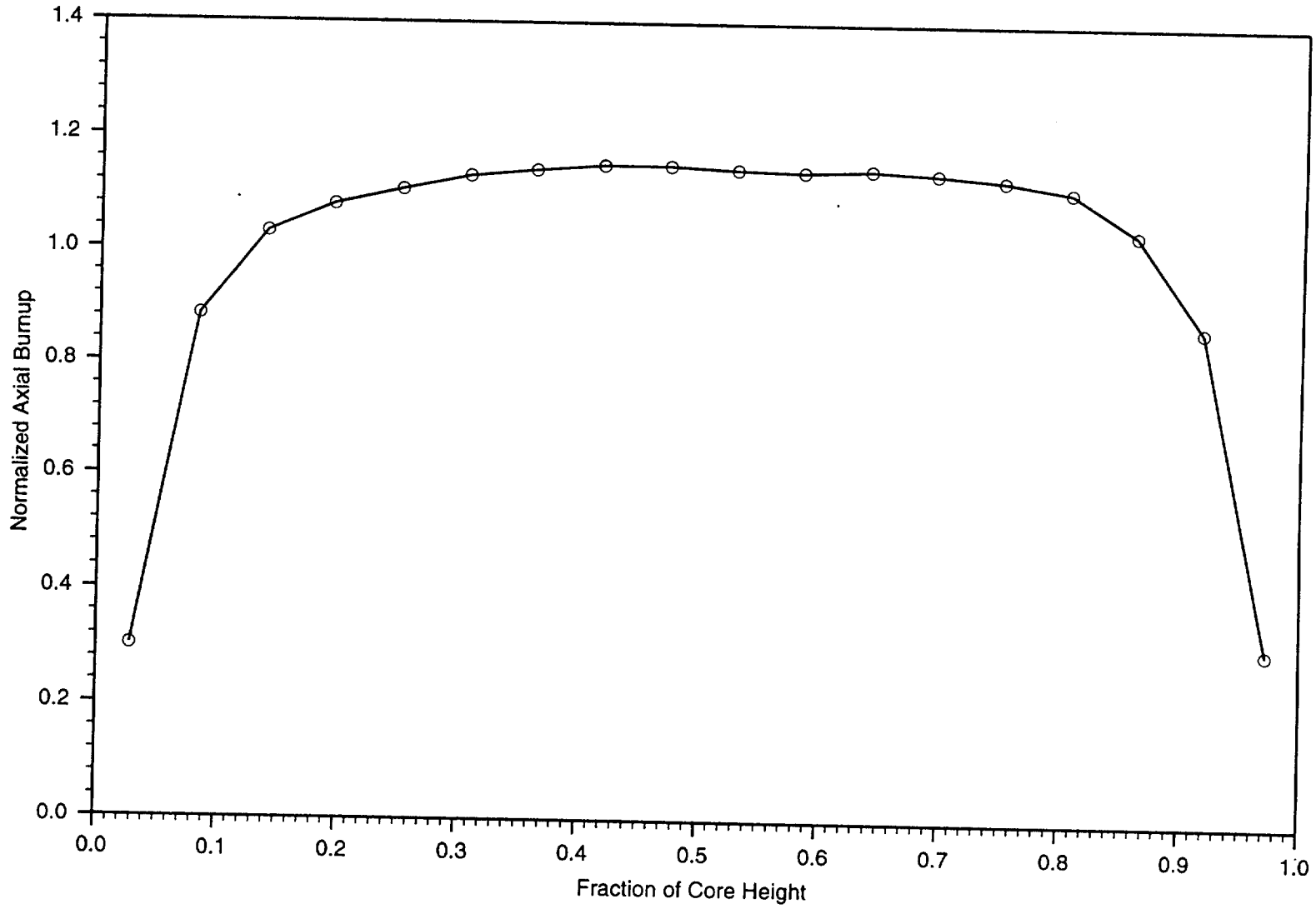


Figure 24
Millstone 3 and H. B. Robinson
Comparison of Assemblies with Axial Blankets
Lattice Size: W 17x17 and 15x15, Serial Number: F102 and E401

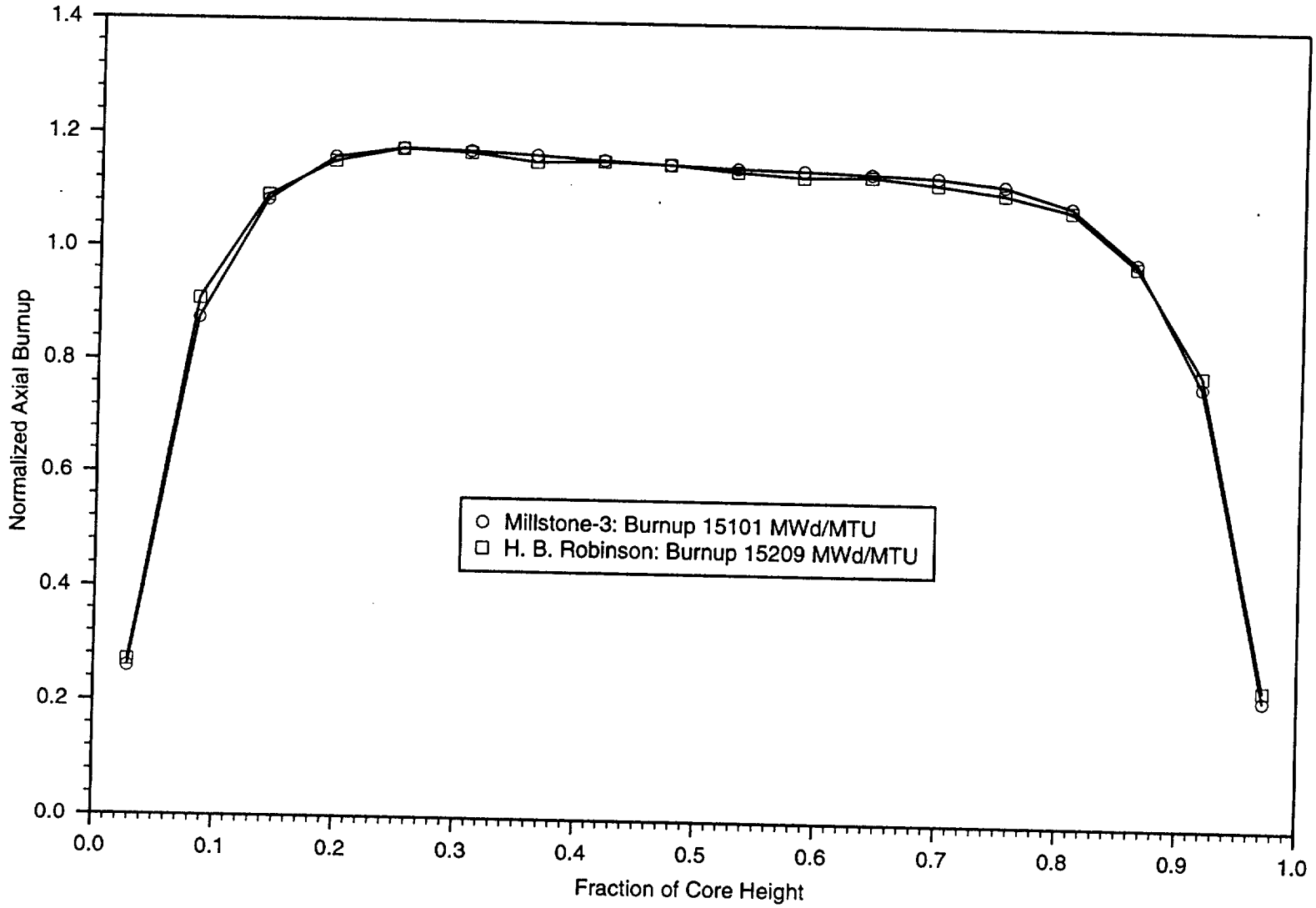


Figure 25

Assembly Axial Burnup Profile for Catawba 1

Total Assembly Burnup 33448 MWd/MTU, Enrichment 3.45 w/o

Lattice Size: W 17x17, Serial Number: J68

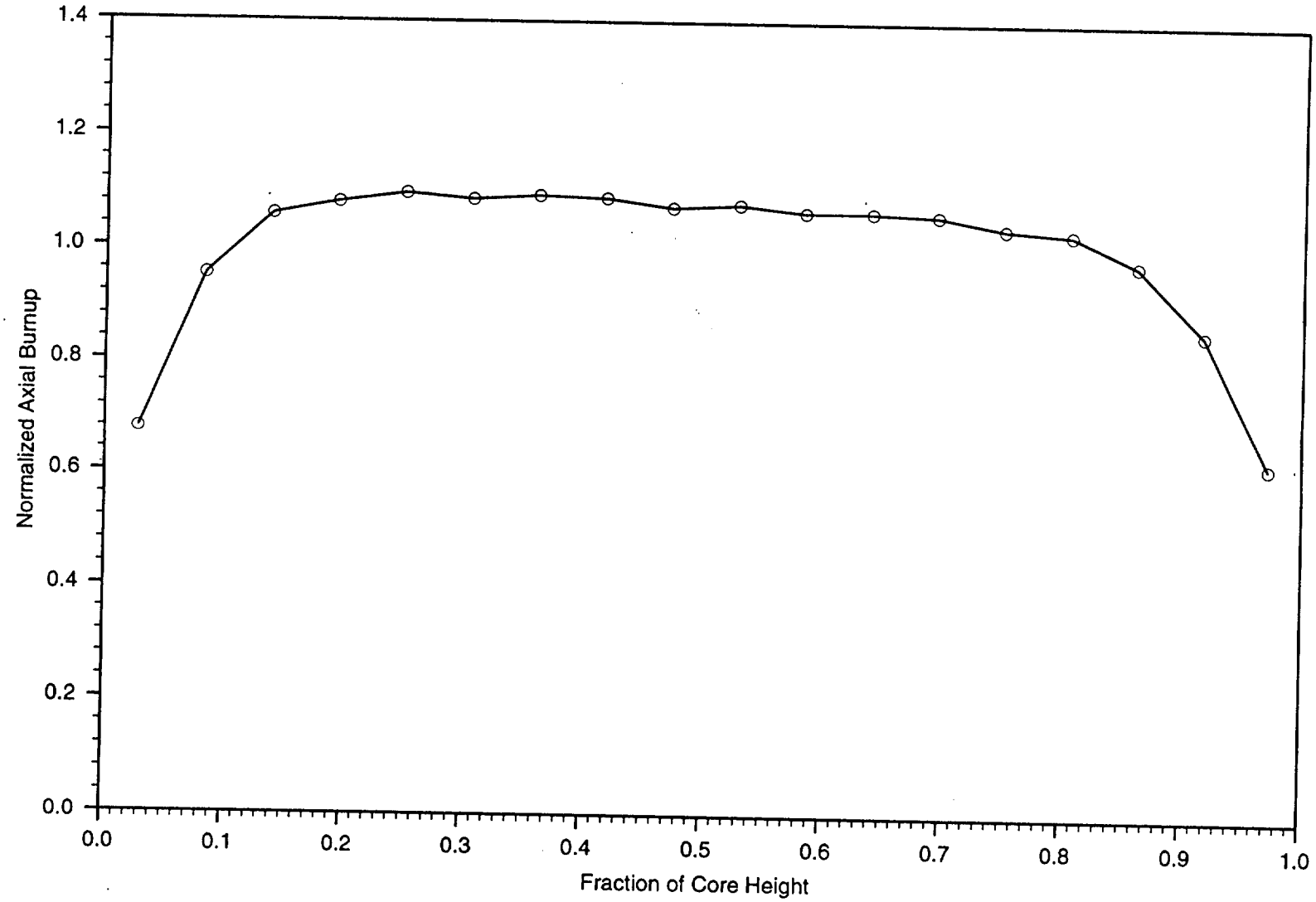


Figure 26

Assembly Axial Burnup Profile for Catawba 2

Total Assembly Burnup 33729 MWd/MTU, Enrichment 3.50 w/o

Lattice Size: W 17x17, Serial Number: R61

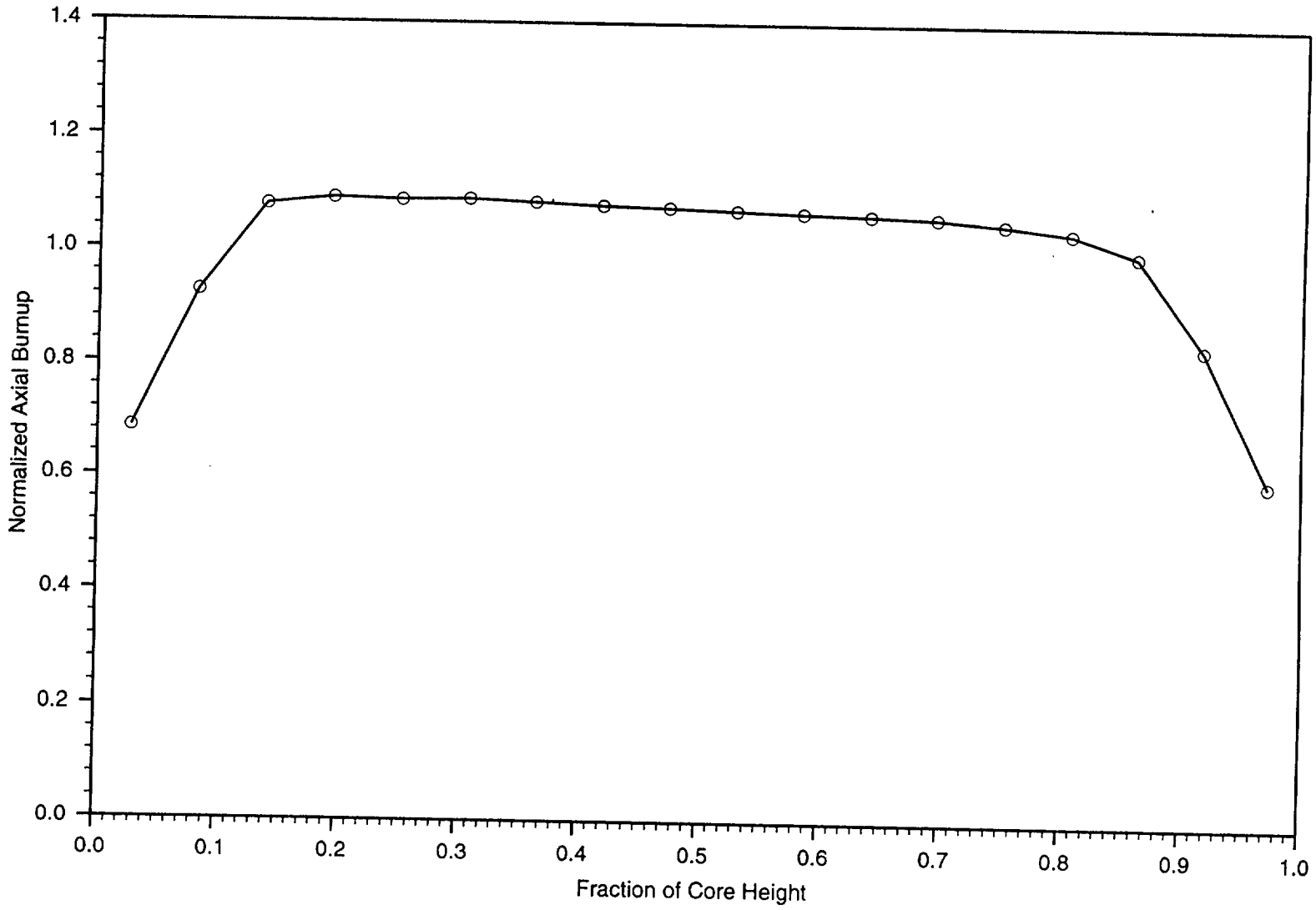


Figure 27

Assembly Axial Burnup Profile for McGuire 1

Total Assembly Burnup 33606 MWd/MTU, Enrichment 3.75 w/o

Lattice Size: W 17x17, Serial Number: K67

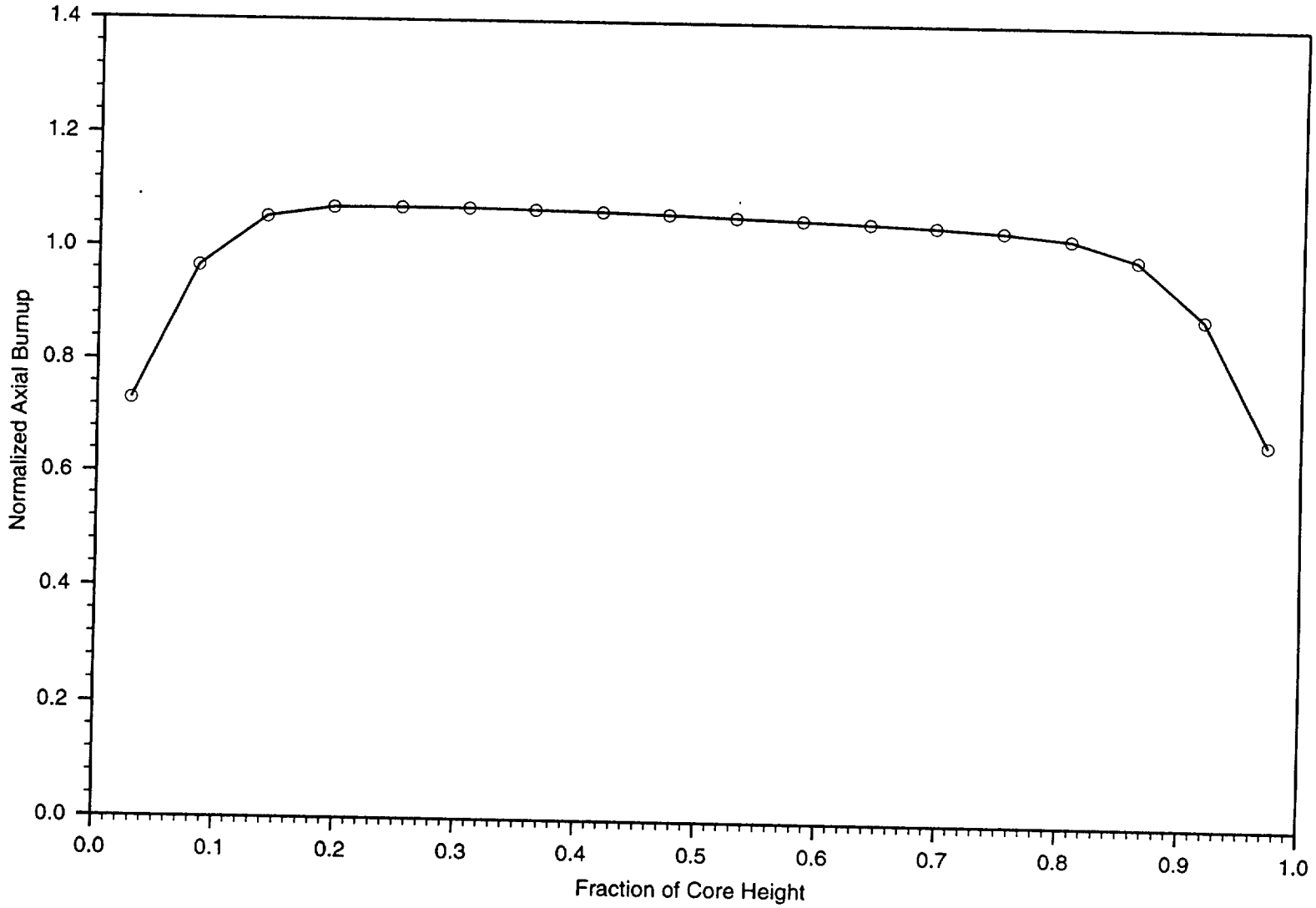


Figure 28
Assembly Axial Burnup Profile for McGuire 2
Total Assembly Burnup 35892 MWd/MTU, Enrichment 3.50 w/o
Lattice Size: W 17x17, Serial Number: U08

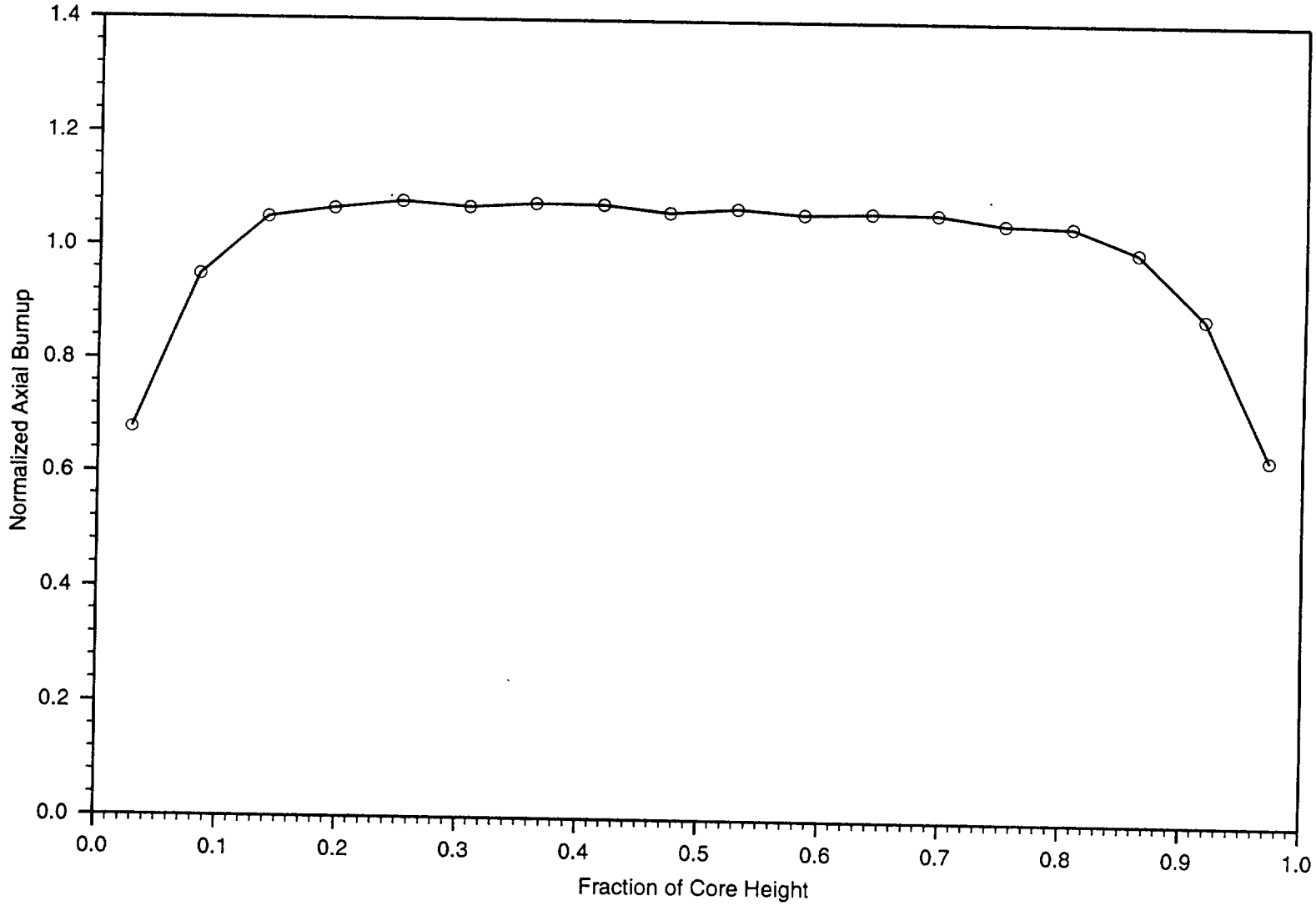


Figure 29

Assembly Axial Burnup Profile for Millstone 3

Total Assembly Burnup 34107 MWd/MTU, Enrichment 3.80 w/o

Lattice Size: W 17x17, Serial Number: B101

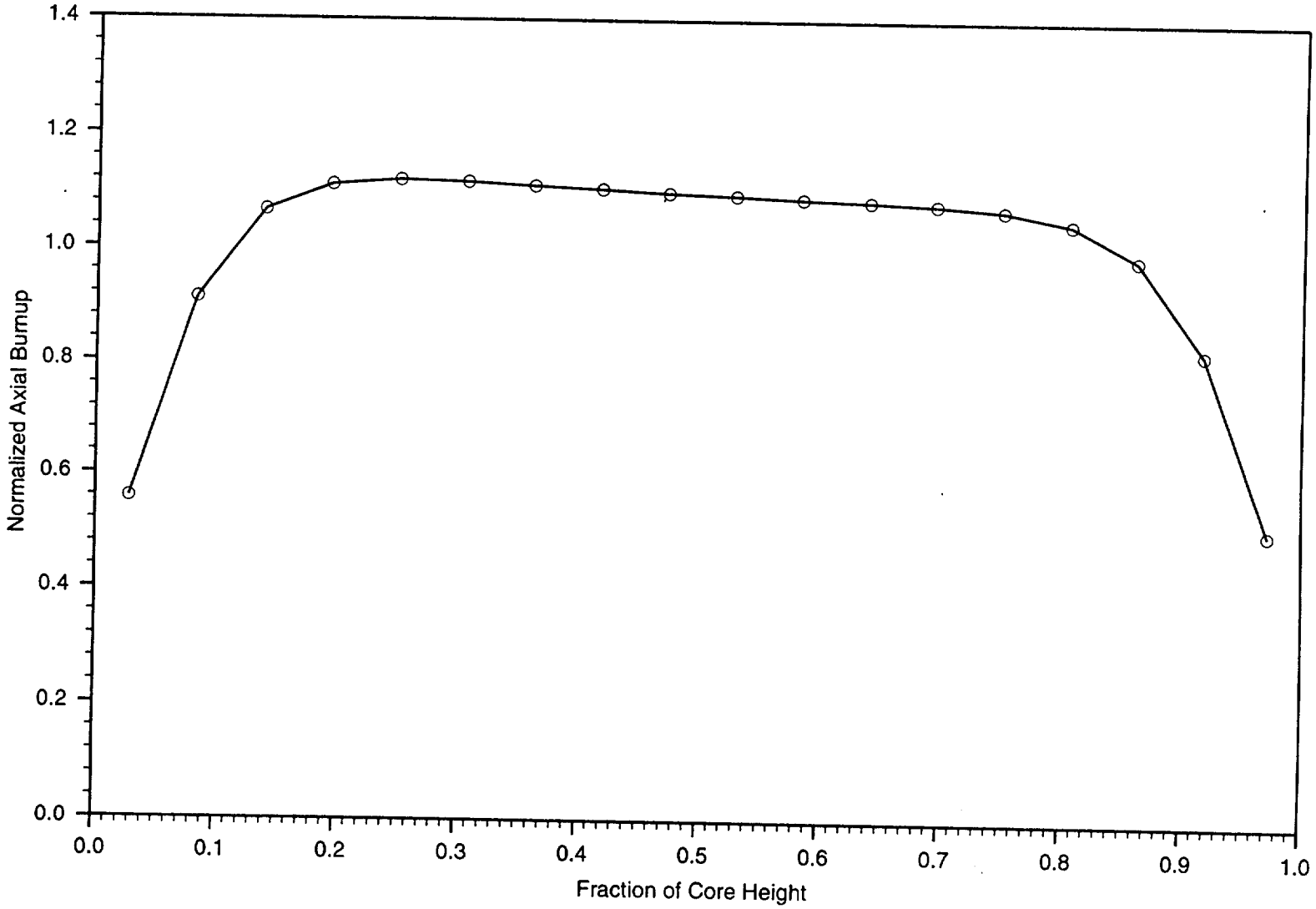


Figure 30
Assembly Axial Burnup Profile for Seabrook
Total Assembly Burnup 33587 MWd/MTU, Enrichment 3.40 w/o
Lattice Size: W 17x17, Serial Number: D51

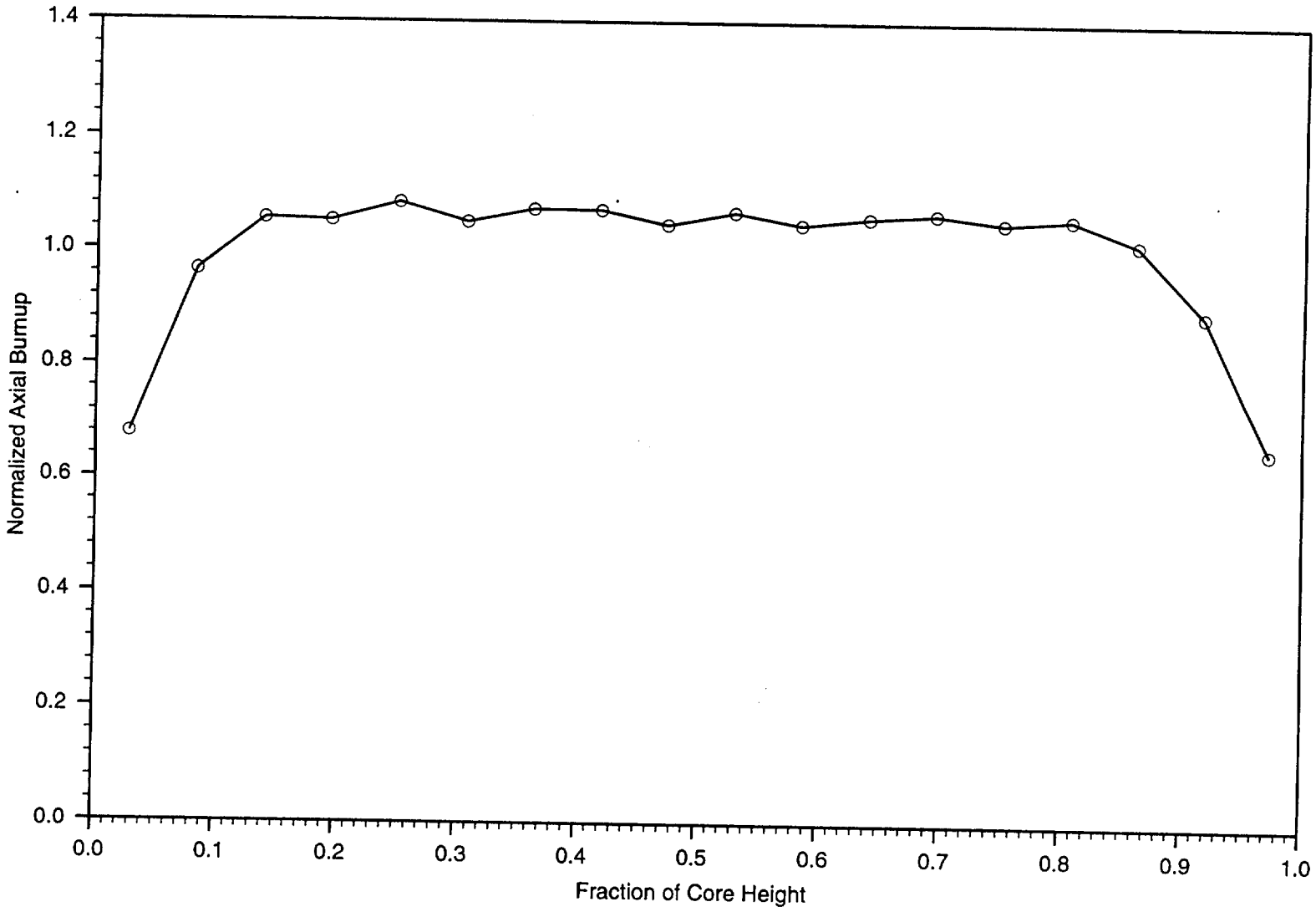


Figure 31

Assembly Axial Burnup Profile for Almaraz 1

Total Assembly Burnup 33496 MWd/MTU, Enrichment 3.38 w/o

Lattice Size: W 17x17, Serial Number: GL16

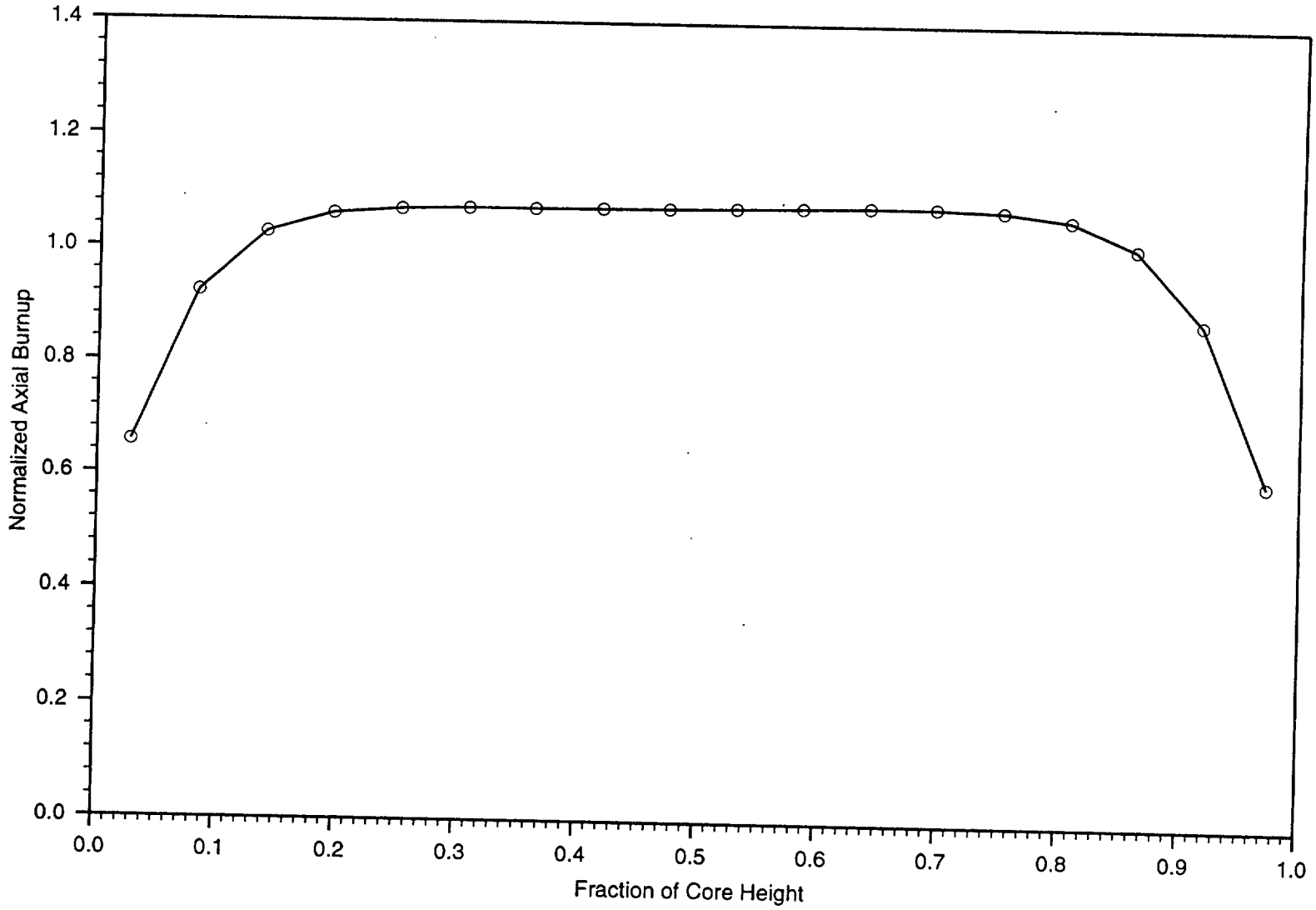


Figure 32

Assembly Axial Burnup Profile for Almaraz 2

Total Assembly Burnup 33643 MWd/MTU, Enrichment 3.38 w/o

Lattice Size: W 17x17, Serial Number: S44

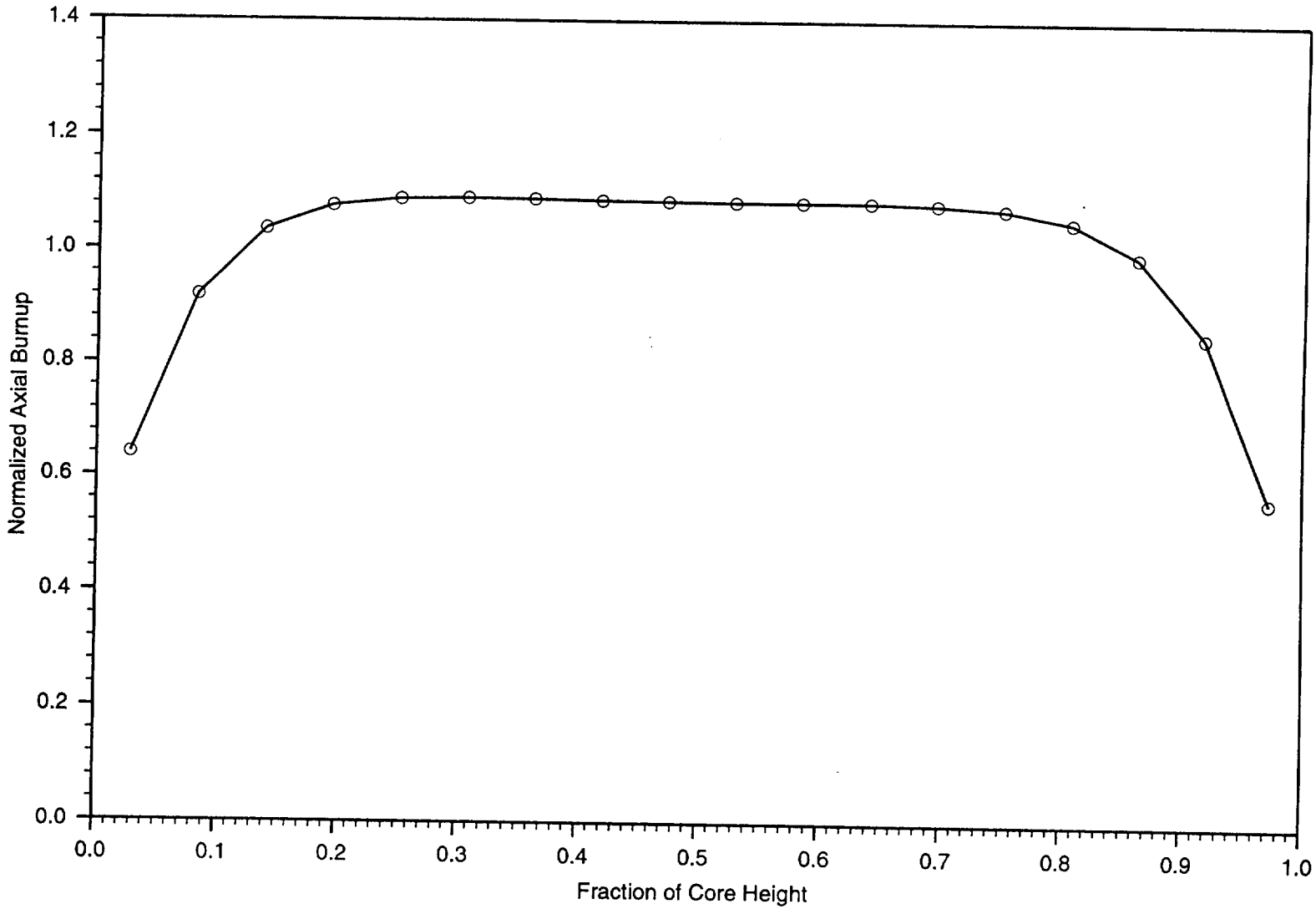


Figure 33
Normalized Axial Burnup Profile
Comparison of Various Westinghouse Plants
Lattice Size: W 15x15 and 17x17

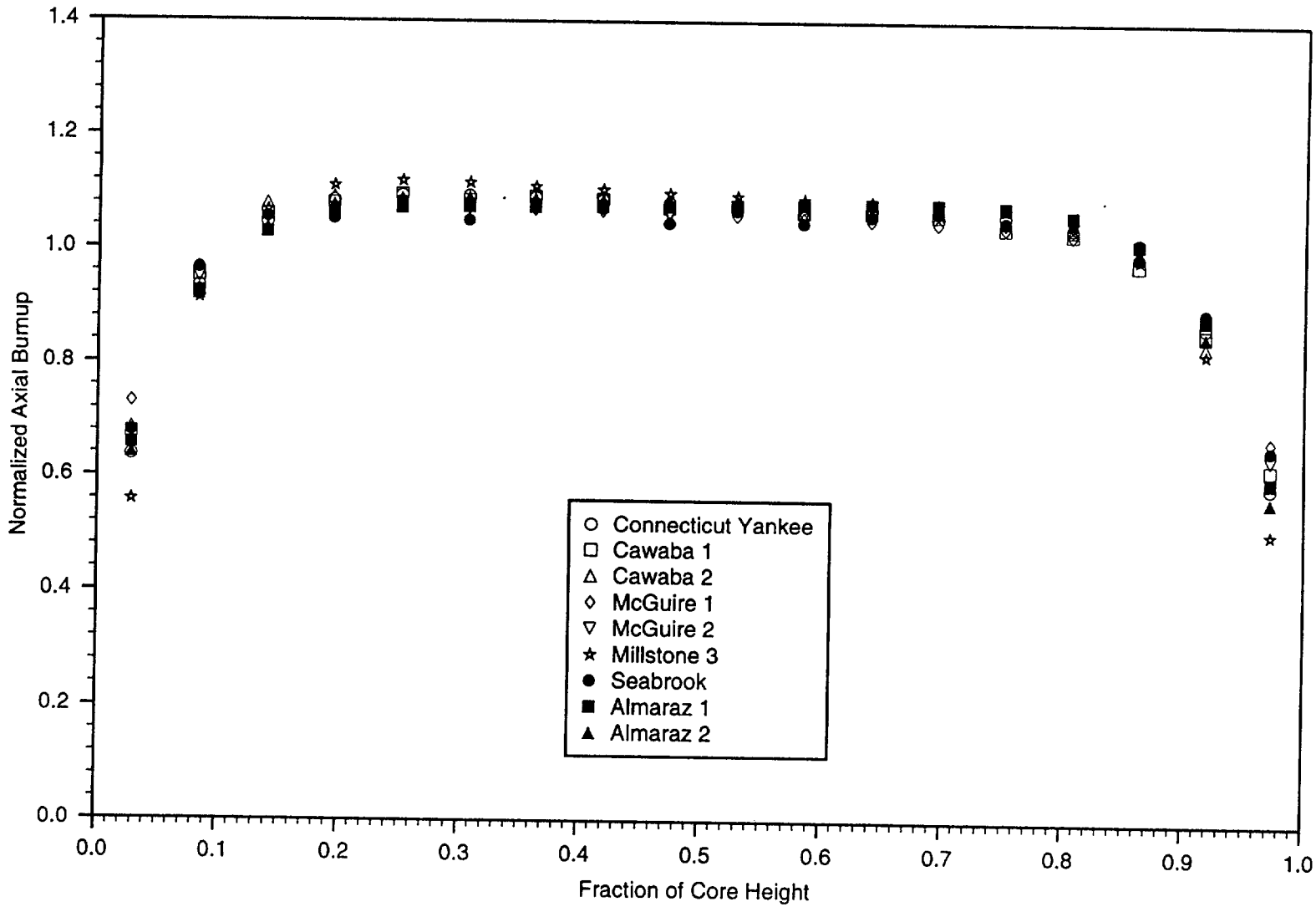


Figure 34
Millstone 3 and Seabrook
Comparison of Assemblies with Natural and Enriched Axial Blankets
Lattice Size: W 17x17, Serial Number: F102 and G56

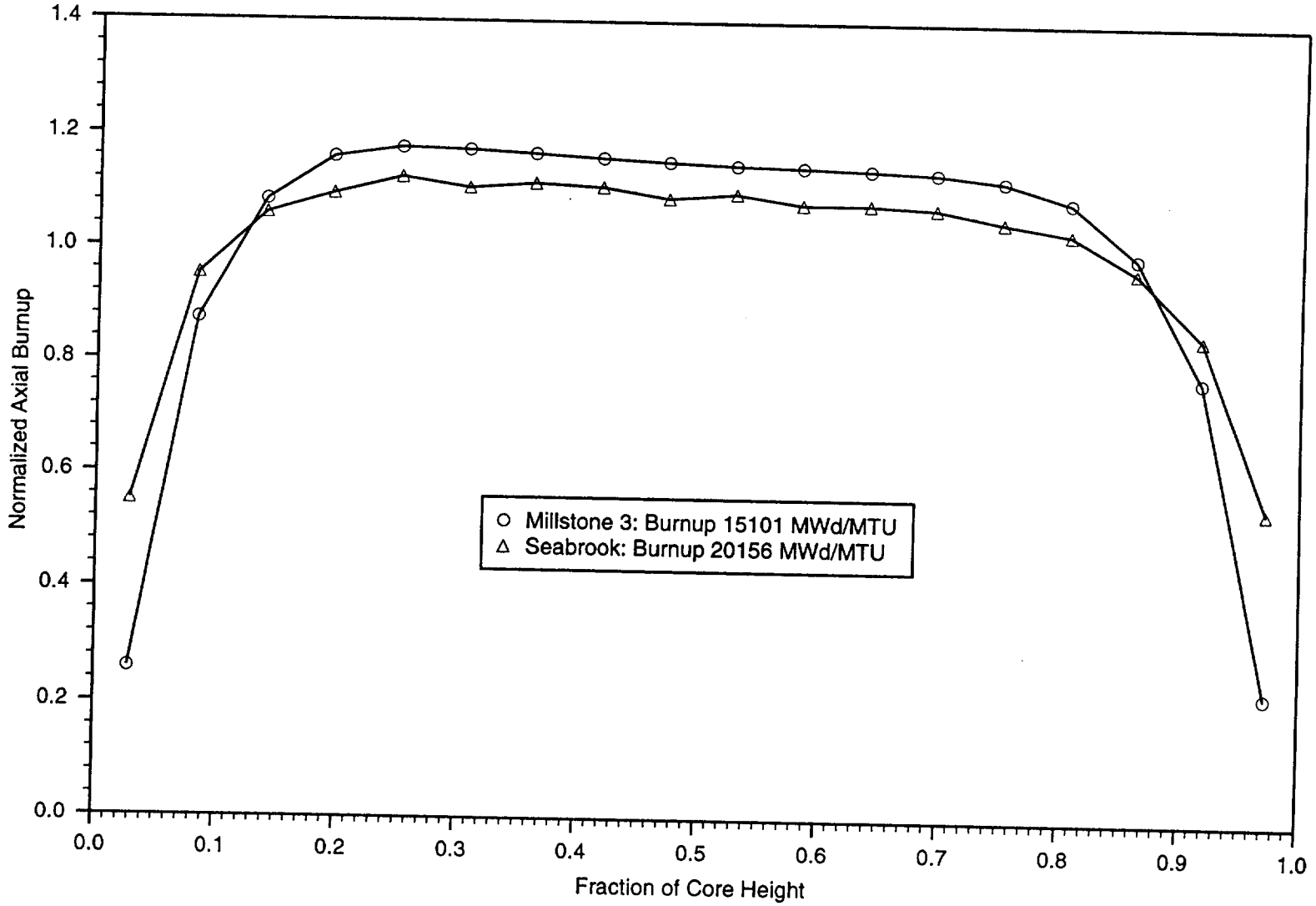


Figure 35
Assembly Axial Burnup Profile for Seabrook
Comparison of Axial and Non-Axial Blanketed Assemblies
Lattice Size: W 17x17, Serial Number: G56 and F66

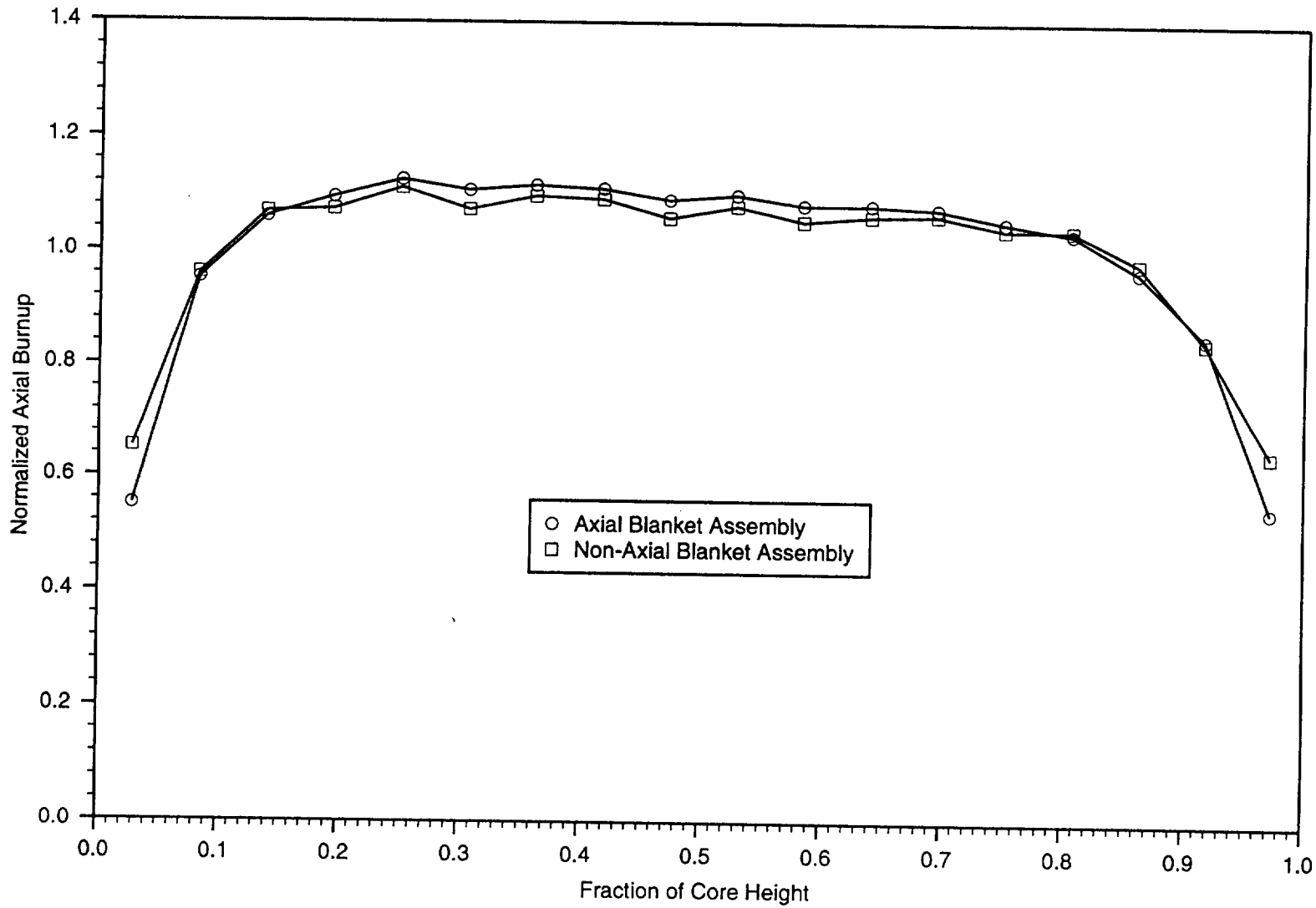
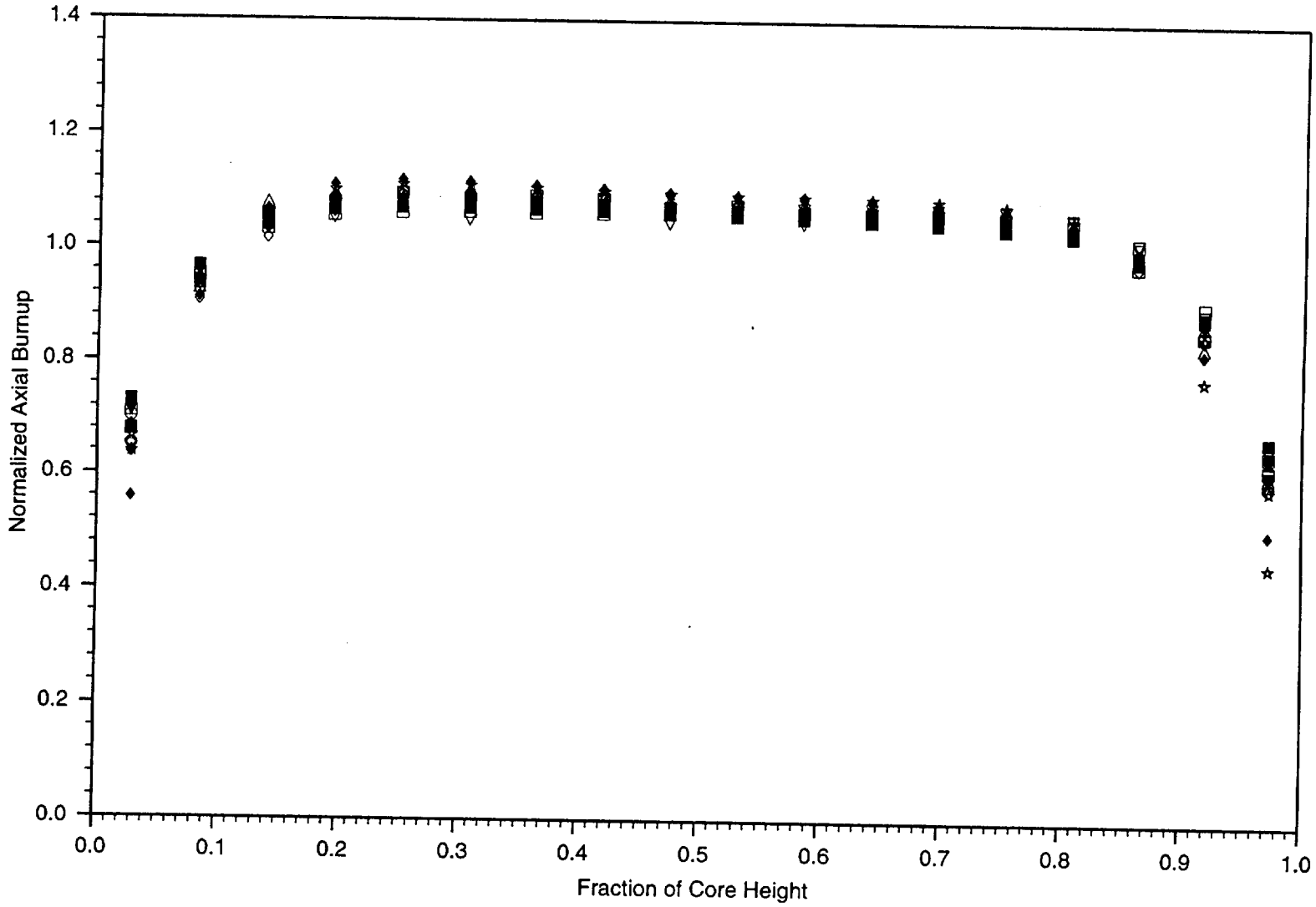


Figure 36
Normalized Axial Burnup Profiles
Comparison of Assemblies with Similar Burnup
Lattice Size: B&W 15x15, CE14x14 and 16x16 WE 15x15 and 17x17



7.0 CONCLUSIONS

The construction of an axial burnup profile database provides a set of documented axial burnup profiles covering a range of fuel lattices used in commercial PWRs. All data was calculated using nodal codes currently in use by the fuel manufacturers and utilities. The database includes a wide range of enrichment and encompasses all the current burnable absorbers used in PWRs today. When possible, assemblies were followed for a complete burnup history providing a more extensive set of axial burnup profile data. Users of the database should be aware that some of the B&W profiles contain control rods especially in the earlier cycles.

The variability in axially distributed burnup between assemblies with similar assembly average burnup has been demonstrated. However, axial blanketed assemblies exhibit a different axial behavior and may need to be combined with like assemblies. It has been previously demonstrated[4] that assembly average burnup has a second order effect on the axial burnup profile. This report demonstrates that lattice size also has a second order effect on the profiles. Utilizing this concept, profiles can be grouped rather coarsely by fuel assembly average burnup and lattice size in order to assess the effects of axial burnup distribution.

The development of the database provides industry standard axial burnup profiles to allow the creation of bounding axial burnup profiles for use in spent fuel transportation and storage.

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APPENDIX

This Appendix provides a complete listing of the database created from the comma delimited file. The data has been sorted by plant and assembly average burnup. The CD ROM included with this report contains the comma delimited file as pwr-data.csv and the complete database is file database.txt. Both files are readable with a PC.

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Arkansas Nuclear Unit 1	D05		BW 15x15	2.64	0			5566	0.519	0.872	1.034	1.091	1.107	1.112	1.115	1.118	1.122	1.124	1.124	1.121	1.114	1.099	1.064	0.962	0.805	0.478
Arkansas Nuclear Unit 1	D07		BW 15x15	2.64	0			6101	0.523	0.869	1.024	1.078	1.094	1.099	1.105	1.113	1.121	1.127	1.129	1.127	1.122	1.106	1.074	0.991	0.813	0.486
Arkansas Nuclear Unit 1	D08		BW 15x15	2.64	0			6502	0.534	0.876	1.024	1.075	1.090	1.096	1.102	1.112	1.121	1.127	1.129	1.128	1.124	1.112	1.077	0.989	0.804	0.481
Arkansas Nuclear Unit 1	E08		BW 15x15	3.01	0			6542	0.513	0.855	1.016	1.083	1.113	1.128	1.136	1.137	1.132	1.125	1.116	1.109	1.101	1.088	1.058	0.984	0.815	0.492
Arkansas Nuclear Unit 1	E06		BW 15x15	3.01	0			6586	0.526	0.880	1.045	1.105	1.122	1.125	1.126	1.126	1.123	1.117	1.110	1.102	1.094	1.080	1.049	0.976	0.808	0.487
Arkansas Nuclear Unit 1	D03		BW 15x15	2.64	0			6651	0.537	0.887	1.040	1.092	1.107	1.111	1.113	1.115	1.116	1.117	1.115	1.111	1.104	1.091	1.059	0.983	0.813	0.491
Arkansas Nuclear Unit 1	D01		BW 15x15	2.64	0			6841	0.542	0.891	1.041	1.091	1.106	1.110	1.111	1.113	1.114	1.113	1.111	1.107	1.101	1.089	1.058	0.986	0.819	0.496
Arkansas Nuclear Unit 1	E02		BW 15x15	3.01	0			6965	0.504	0.972	1.128	1.154	1.129	1.106	1.100	1.097	1.093	1.087	1.081	1.074	1.067	1.055	1.026	0.957	0.794	0.481
Arkansas Nuclear Unit 1	E09		BW 15x15	3.01	0			7249	0.523	0.865	1.021	1.084	1.110	1.123	1.131	1.133	1.130	1.125	1.118	1.111	1.104	1.091	1.061	0.982	0.806	0.482
Arkansas Nuclear Unit 1	E04		BW 15x15	3.01	0			7409	0.562	0.925	1.062	1.127	1.126	1.116	1.114	1.111	1.107	1.101	1.094	1.087	1.079	1.066	1.037	0.987	0.805	0.490
Arkansas Nuclear Unit 1	D06		BW 15x15	2.64	0			8675	0.543	0.890	1.037	1.083	1.093	1.095	1.098	1.106	1.114	1.120	1.121	1.118	1.112	1.098	1.066	0.989	0.819	0.498
Arkansas Nuclear Unit 1	C08		BW 15x15	3.05	0			8855	0.560	0.917	1.076	1.129	1.137	1.130	1.121	1.114	1.111	1.110	1.111	1.110	1.103	1.083	1.036	0.939	0.790	0.453
Arkansas Nuclear Unit 1	C05		BW 15x15	3.05	0			9141	0.568	0.959	1.106	1.143	1.143	1.132	1.119	1.106	1.100	1.095	1.093	1.091	1.084	1.067	1.024	0.935	0.760	0.452
Arkansas Nuclear Unit 1	E07		BW 15x15	3.01	0			9263	0.535	0.874	1.025	1.084	1.109	1.122	1.130	1.131	1.127	1.118	1.109	1.099	1.091	1.078	1.050	0.984	0.826	0.510
Arkansas Nuclear Unit 1	C09		BW 15x15	3.05	0			9505	0.578	0.932	1.084	1.131	1.136	1.130	1.122	1.116	1.114	1.113	1.114	1.112	1.104	1.081	1.027	0.922	0.741	0.443
Arkansas Nuclear Unit 1	D04		BW 15x15	2.64	0			9592	0.571	0.917	1.050	1.084	1.089	1.089	1.091	1.097	1.105	1.110	1.111	1.109	1.103	1.090	1.061	0.989	0.825	0.506
Arkansas Nuclear Unit 1	G03		BW 15x15	2.95	0			10127	0.562	0.901	1.046	1.101	1.118	1.123	1.121	1.118	1.115	1.113	1.113	1.113	1.110	1.100	1.064	0.984	0.763	0.454
Arkansas Nuclear Unit 1	F09	Mk-B4	BW 15x15	3.19	15	0.71	B4C	10433	0.610	0.902	1.041	1.092	1.102	1.101	1.099	1.101	1.109	1.117	1.121	1.120	1.112	1.092	1.050	0.959	0.781	0.492
Arkansas Nuclear Unit 1	H09		BW 15x15	3.21	0			10551	0.557	0.896	1.043	1.097	1.115	1.117	1.113	1.106	1.104	1.101	1.099	1.097	1.091	1.079	1.051	0.984	0.830	0.518
Arkansas Nuclear Unit 1	D02		BW 15x15	2.64	0			10764	0.631	0.962	1.041	1.030	1.006	0.993	0.999	1.028	1.064	1.092	1.109	1.118	1.123	1.124	1.114	1.063	0.915	0.588
Arkansas Nuclear Unit 1	E05		BW 15x15	3.01	0			10972	0.562	0.901	1.041	1.087	1.101	1.107	1.113	1.117	1.116	1.110	1.101	1.093	1.084	1.072	1.047	0.986	0.837	0.526
Arkansas Nuclear Unit 1	I03		BW 15x15	3.30	0			11070	0.562	0.876	1.025	1.082	1.102	1.111	1.115	1.116	1.114	1.109	1.104	1.100	1.096	1.092	1.072	1.006	0.829	0.499
Arkansas Nuclear Unit 1	E08		BW 15x15	3.01	0			11514	0.536	0.870	1.021	1.081	1.103	1.112	1.116	1.117	1.116	1.118	1.116	1.114	1.108	1.094	1.062	0.987	0.822	0.505
Arkansas Nuclear Unit 1	F05	Mk-B4	BW 15x15	3.19	0			12072	0.613	0.959	1.072	1.096	1.097	1.095	1.094	1.097	1.103	1.106	1.110	1.108	1.099	1.081	1.041	0.957	0.787	0.484
Arkansas Nuclear Unit 1	C03		BW 15x15	3.05	0			12074	0.596	0.958	1.103	1.141	1.143	1.135	1.125	1.115	1.106	1.103	1.099	1.095	1.086	1.064	1.016	0.921	0.746	0.448
Arkansas Nuclear Unit 1	E01		BW 15x15	3.01	0			12144	0.589	0.906	1.017	1.045	1.049	1.053	1.057	1.085	1.096	1.102	1.100	1.097	1.094	1.090	1.078	1.036	0.905	0.592
Arkansas Nuclear Unit 1	E03		BW 15x15	3.01	0			12223	0.616	0.948	1.086	1.094	1.091	1.086	1.084	1.082	1.079	1.075	1.071	1.068	1.068	1.067	1.058	1.013	0.873	0.562
Arkansas Nuclear Unit 1	L07	Mk-B8	BW 15x15	3.49	0			12278	0.587	0.915	1.054	1.104	1.116	1.117	1.114	1.110	1.106	1.102	1.096	1.090	1.083	1.072	1.047	0.977	0.808	0.502
Arkansas Nuclear Unit 1	K09	Mk-B6	BW 15x15	3.45	0			12411	0.575	0.900	1.040	1.091	1.106	1.112	1.117	1.123	1.125	1.121	1.112	1.100	1.087	1.074	1.048	0.975	0.801	0.493
Arkansas Nuclear Unit 1	H10		BW 15x15	3.21	15	0.18	B4C	12524	0.603	0.914	1.056	1.110	1.126	1.126	1.119	1.111	1.104	1.099	1.097	1.095	1.089	1.075	1.043	0.983	0.787	0.482
Arkansas Nuclear Unit 1	C02		BW 15x15	3.05	0			12618	0.605	0.970	1.109	1.141	1.141	1.135	1.126	1.118	1.111	1.106	1.102	1.097	1.087	1.063	1.011	0.909	0.731	0.437
Arkansas Nuclear Unit 1	G10		BW 15x15	2.95	15	0.18	B4C	12886	0.600	0.912	1.051	1.100	1.111	1.105	1.098	1.090	1.089	1.084	1.102	1.109	1.111	1.102	1.070	0.979	0.790	0.466
Arkansas Nuclear Unit 1	C06		BW 15x15	3.05	0			12931	0.588	0.949	1.082	1.130	1.131	1.120	1.110	1.103	1.100	1.098	1.099	1.098	1.082	1.075	1.033	0.945	0.772	0.466
Arkansas Nuclear Unit 1	F02	Mk-B4	BW 15x15	3.19	15	0.71	B4C	12983	0.666	0.956	1.064	1.088	1.089	1.087	1.088	1.093	1.102	1.109	1.112	1.110	1.101	1.081	1.039	0.949	0.773	0.492
Arkansas Nuclear Unit 1	F07	Mk-B4	BW 15x15	3.19	15	0.71	B4C	13153	0.639	0.927	1.034	1.043	1.029	1.024	1.039	1.073	1.111	1.134	1.142	1.140	1.131	1.111	1.070	0.988	0.827	0.539
Arkansas Nuclear Unit 1	A10		BW 15x15	2.06	0			13426	0.672	1.045	1.126	1.101	1.093	1.091	1.093	1.101	1.110	1.118	1.124	1.125	1.117	1.091	1.028	0.861	0.679	0.404
Arkansas Nuclear Unit 1	F04	Mk-B4	BW 15x15	3.19	15	1.02	B4C	13460	0.655	0.929	1.035	1.048	1.037	1.034	1.047	1.076	1.111	1.131	1.137	1.136	1.126	1.106	1.065	0.980	0.812	0.534
Arkansas Nuclear Unit 1	I10		BW 15x15	3.30	15		B4C	13484	0.604	0.910	1.049	1.099	1.109	1.103	1.091	1.079	1.072	1.071	1.077	1.086	1.082	1.091	1.075	1.015	0.849	0.527
Arkansas Nuclear Unit 1	H05		BW 15x15	3.21	15	0.18	B4C	13503	0.606	0.912	1.048	1.096	1.113	1.115	1.111	1.106	1.102	1.096	1.096	1.093	1.087	1.074	1.046	0.975	0.811	0.508
Arkansas Nuclear Unit 1	F03	Mk-B4	BW 15x15	3.19	15	0.44	B4C	13578	0.657	0.957	1.071	1.106	1.115	1.114	1.106	1.099	1.094	1.093	1.092	1.089	1.080	1.061	1.023	0.944	0.787	0.509
Arkansas Nuclear Unit 1	F01	Mk-B4	BW 15x15	3.19	15	1.02	B4C	13585	0.646	0.924	1.053	1.099	1.111	1.110	1.105	1.100	1.100	1.102	1.103	1.099	1.090	1.071	1.031	0.949	0.788	0.519
Arkansas Nuclear Unit 1	E04		BW 15x15	3.01	0			13613	0.582	0.932	1.069	1.105	1.107	1.103	1.102	1.102	1.102	1.102	1.100	1.097	1.091	1.078	1.046	0.973	0.811	0.498
Arkansas Nuclear Unit 1	J09		BW 15x15	3.35	15	0.17	B4C	13769	0.617	0.917	1.053	1.102	1.112	1.110	1.104	1.096	1.094	1.092	1.092	1.093	1.090	1.080	1.052	0.978	0.813	0.505
Arkansas Nuclear Unit 1	F10	Mk-B4	BW 15x15	3.19	15	1.24	B4C	13812	0.653	0.924	1.030	1.042	1.028	1.023	1.038	1.073	1.114	1.136	1.146	1.145	1.135	1.113	1.070	0.982	0.812	0.535
Arkansas Nuclear Unit 1	C10		BW 15x15	3.05	15	1.12	B4C	13823	0.641	0.946	1.084	1.122	1.123	1.116	1.109	1.107	1.107	1.106	1.110	1.106	1.100	1.077	1.023	0.916	0.735	0.467
Arkansas Nuclear Unit 1	M08	Mk-B8	BW 15x15	3.48	0			13839	0.580	0.918	1.052	1.097	1.109	1.110	1.107	1.104	1.101	1.099	1.096	1.097	1.094	1.084	1.059	0.989	0.807	0.493
Arkansas Nuclear Unit 1	F06	Mk-B4	BW 15x15	3.19	15	0.71	B4C	14269	0.645	0.927	1.033	1.046	1.036	1.033	1.046	1.075	1.110	1.130	1.136	1.133	1.124	1.103	1.063	0.984	0.829	0.547
Arkansas Nuclear Unit 1	K04	Mk-B6	BW 15x15	3.45	15	0.17	B4C	14475	0.612	0.905	1.036	1.086	1.099	1.102	1.104	1.105	1.104	1.100	1.092	1.083	1.073	1.063	1.042	0.985	0.852	0.557
Arkansas Nuclear Unit 1	L03	Mk-B8	BW 15x15	3.49	15	0.43	B4C	14600	0.632	0.921	1.051	1.097	1.106	1.105	1.101	1.096	1.091	1.086	1.081	1.076	1.070	1.059	1.038	0.979	0.850	0.562
Arkansas Nuclear Unit 1	C04		BW 15x15	3.05	0			14731	0.661	1.064	1.153	1.141	1.128	1.110	1.093	1.079	1.071	1.066	1.065	1.065	1.061	1.047	1.010	0.929	0.765	0.472
Arkansas Nuclear Unit 1	A09		BW 15x15	2.06	0			15031	0.584	0.939	1.073	1.104	1.101	1.091	1.089	1.095	1.104	1.110	1.116	1.118	1.113	1.095	1.049	0.955	0.778	0.474
Arkansas Nuclear Unit 1	B01		BW 15x15	2.72	0			15169	0.825	1.239	1.226	1.110	1.083	1.077	1.069	1.062	1.057	1.055	1.055	1.056	1.053	1.039	0.993	0.870	0.694	0.437
Arkansas Nuclear Unit 1	J05		BW 15x15	3.35	15	0.17	B4C	15262	0.618	0.914	1.045	1.091	1.103	1.106	1.106	1.104	1.101	1.097	1.093	1.089	1.083	1.072	1.047	0.981	0.827	0.524
Arkansas Nuclear Unit 1	G06		BW 15x15	2.95	15	0.18	B4C	15368	0.613	0.921	1.054	1.101	1.111	1.106	1.100	1.094	1.092	1.093	1.096	1.099	1.097	1.087	1.056	0.975	0.800	0.503
Arkansas Nuclear Unit 1	A07		BW 15x15	2.06	0			15526	0.644	0.957	0.962	0.919	0.870	0.832	0.904	1.037	1.136	1.171	1.211	1.234	1.235	1.216	1.172	1.070	0.873	0.534
Arkansas Nuclear Unit 1	E05		BW 15x15	3.01	0			15557	0.589	0.903	1.037	1.081	1.093	1.097	1.102	1.107	1.109	1.106	1.104	1.100	1.093	1.081	1.055	0.981	0.841	0.530
Arkansas Nuclear Unit 1	N08	Mk-B8	BW 15x15	3.89	0			15592	0.603	0.934	1.069	1.099	1.110	1.110	1.108	1.104	1.101	1.096	1.095	1.091	1.086	1.074	1.047	0.973	0.788	0.518
Arkansas Nuclear Unit 1	D07		BW 15x15	2.64	0			15630	0.561	0.884	1.026	1.078	1.096	1.106	1.116	1.121	1.122	1.120	1.116	1.110	1.103	1.090	1.060	0.984	0.814	0.496
Arkansas Nuclear Unit 1	L01	Mk-B8	BW 15x15	3.49	15	0.69	B4C	15631	0.657	0.930	1.044	1.080	1.088	1.087	1.084	1.080	1.076	1.073	1.071	1.066	1.064	1.058	1.043	0.998	0.892	0.607
Arkansas Nuclear Unit 1	H07		BW 15x15	3.21	15	0.44	B4C	15734	0.638	0.941	1.075	1.120	1.119	1.087	1.059	1.046	1.043	1.056	1.066	1.099	1.096	1.084	1.056	0.992	0.847	0.556
Arkansas Nuclear Unit 1	M04	Mk-B8	BW 15x15	3.48	15		B4C	15752	0.611	0.924	1.051	1.082	1.103	1.102	1.098	1.093	1.089	1.086	1.084	1.082	1.078	1.070	1.050	0.994	0.846	0.547
Arkansas Nuclear Unit 1	L09	Mk-B8	BW 15x15	3.49	15	0.94	B4C	15760	0.663	0.937	1.062	1.107	1.116	1.113	1.102	1.092	1.084	1.078	1.071	1.064	1.056	1.046	1.028	0.971	0.848	0.562
Arkansas Nuclear Unit 1	L06	Mk-B8	BW 15x15	3.49	15	0.94	B4C	15868	0.659	0.936	1.063	1.108	1.116	1.112	1.100	1.089	1.081	1.075	1.068	1.062	1.055	1.045	1.026	0.972	0.858	0.577
Arkansas Nuclear Unit 1	L02	Mk-B8	BW 15x15	3.49	15	0.94	B4C	15961	0.672	0.944	1.061	1.100	1.107	1.103	1.093	1.083	1.077	1.072	1.067	1.062	1.057	1.049	1.033	0.982	0.863	0.574
Arkansas Nuclear Unit 1	H02		BW 15x15	3.21	15	0.98	B4C	16044	0.641	0.922	1.052	1.102	1.116	1.115	1.106	1.100	1.093	1.089	1.087	1.084	1.078	1.065	1.037	0.986	0.810	0.535
Arkansas Nuclear Unit 1	I11		BW 15x15	3.30	15	0.66	B4C	16056	0.617	0.896	1.034	1.086	1.101	1.103	1.099	1.093	1.086	1.081	1.079	1.080	1.080	1.076	1.058	1.007	0.871	0.551
Arkansas Nuclear Unit 1	H06		BW 15x15	3.21	15	0.98	B4C	16064	0.664	0.954	1.066	1.130	1.126	1.089	1.055	1.037	1.033	1.048	1.062	1.099	1.096	1.067	1.058	0.985	0.825	0.544

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Arkansas Nuclear Unit 1	L10	Mk-B8	BW 15x15	3.49	15	0.94	B4C	16066	0.669	0.938	1.055	1.095	1.103	1.100	1.090	1.081	1.074	1.069	1.064	1.058	1.052	1.044	1.029	0.986	0.887	0.607
Arkansas Nuclear Unit 1	B07		BW 15x15	2.72	15	1.27	B4C	16119	0.664	0.974	1.103	1.131	1.129	1.120	1.111	1.104	1.099	1.097	1.095	1.092	1.083	1.061	1.012	0.913	0.739	0.474
Arkansas Nuclear Unit 1	H03		BW 15x15	3.21	15	1.24	B4C	16222	0.662	0.931	1.054	1.101	1.115	1.115	1.107	1.095	1.084	1.077	1.073	1.070	1.066	1.056	1.035	0.973	0.826	0.558
Arkansas Nuclear Unit 1	D05		BW 15x15	2.64	0			16370	0.666	0.937	1.038	1.041	1.024	1.022	1.042	1.060	1.106	1.116	1.116	1.116	1.112	1.105	1.064	1.025	0.873	0.554
Arkansas Nuclear Unit 1	K07	Mk-B6	BW 15x15	3.45	15	1.2	B4C	16402	0.654	0.922	1.048	1.095	1.108	1.106	1.103	1.104	1.103	1.096	1.087	1.073	1.061	1.050	1.029	0.988	0.841	0.553
Arkansas Nuclear Unit 1	K06	Mk-B6	BW 15x15	3.45	15	0.69	B4C	16407	0.635	0.918	1.047	1.094	1.105	1.104	1.101	1.101	1.100	1.095	1.085	1.073	1.061	1.051	1.033	0.976	0.854	0.566
Arkansas Nuclear Unit 1	H04		BW 15x15	3.21	15	1.24	B4C	16552	0.664	0.941	1.069	1.115	1.116	1.088	1.081	1.047	1.042	1.052	1.079	1.090	1.088	1.076	1.050	0.989	0.850	0.584
Arkansas Nuclear Unit 1	K01	Mk-B6	BW 15x15	3.45	15	1.17	B4C	16577	0.648	0.914	1.037	1.084	1.097	1.101	1.104	1.107	1.107	1.102	1.093	1.080	1.068	1.055	1.031	0.970	0.845	0.555
Arkansas Nuclear Unit 1	E08		BW 15x15	3.01	0			16619	0.570	0.907	1.044	1.085	1.093	1.094	1.096	1.102	1.106	1.112	1.113	1.110	1.103	1.088	1.055	0.982	0.824	0.514
Arkansas Nuclear Unit 1	K03	Mk-B6	BW 15x15	3.45	15	1.2	B4C	16641	0.658	0.924	1.043	1.085	1.096	1.097	1.097	1.101	1.102	1.097	1.087	1.072	1.060	1.050	1.031	0.975	0.856	0.568
Arkansas Nuclear Unit 1	H06		BW 15x15	3.21	15	1.24	B4C	16787	0.673	0.950	1.076	1.119	1.116	1.082	1.051	1.034	1.029	1.043	1.074	1.089	1.089	1.079	1.054	0.994	0.857	0.590
Arkansas Nuclear Unit 1	A08		BW 15x15	2.06	0			16864	0.599	0.935	1.062	1.090	1.084	1.076	1.083	1.102	1.122	1.137	1.149	1.156	1.155	1.139	1.093	0.977	0.684	0.358
Arkansas Nuclear Unit 1	K02	Mk-B6	BW 15x15	3.45	15	1.17	B4C	16887	0.656	0.917	1.030	1.068	1.078	1.082	1.086	1.090	1.090	1.087	1.080	1.070	1.061	1.052	1.038	0.994	0.902	0.620
Arkansas Nuclear Unit 1	G11		BW 15x15	2.95	15	0.71	B4C	16895	0.641	0.939	1.069	1.107	1.097	1.060	1.030	1.020	1.028	1.053	1.089	1.111	1.116	1.106	1.082	1.016	0.866	0.571
Arkansas Nuclear Unit 1	K10	Mk-B6	BW 15x15	3.45	15	1.2	B4C	16906	0.664	0.927	1.042	1.083	1.093	1.092	1.090	1.091	1.091	1.086	1.077	1.064	1.053	1.044	1.029	0.981	0.885	0.606
Arkansas Nuclear Unit 1	H01		BW 15x15	3.21	15	1.24	B4C	16913	0.656	0.930	1.055	1.103	1.117	1.115	1.106	1.095	1.086	1.080	1.078	1.076	1.070	1.059	1.034	0.989	0.820	0.553
Arkansas Nuclear Unit 1	C01		BW 15x15	3.05	0			17001	0.682	1.066	1.147	1.127	1.121	1.119	1.115	1.111	1.107	1.105	1.102	1.096	1.084	1.057	0.997	0.864	0.679	0.413
Arkansas Nuclear Unit 1	B10		BW 15x15	2.72	15	0.97	B4C	17012	0.644	0.943	1.057	1.072	1.060	1.050	1.060	1.084	1.106	1.123	1.135	1.141	1.138	1.119	1.069	0.980	0.762	0.474
Arkansas Nuclear Unit 1	D03		BW 15x15	2.64	0			17027	0.596	0.921	1.034	1.057	1.055	1.056	1.066	1.085	1.098	1.103	1.103	1.101	1.098	1.082	1.074	1.021	0.876	0.562
Arkansas Nuclear Unit 1	B09		BW 15x15	2.72	15	1.12	B4C	17064	0.647	0.946	1.063	1.082	1.071	1.059	1.063	1.081	1.099	1.109	1.118	1.123	1.119	1.101	1.057	0.985	0.790	0.507
Arkansas Nuclear Unit 1	A05		BW 15x15	2.06	0			17119	0.600	0.939	1.070	1.103	1.102	1.094	1.083	1.098	1.104	1.109	1.114	1.115	1.111	1.093	1.049	0.954	0.777	0.476
Arkansas Nuclear Unit 1	G03		BW 15x15	2.95	0			17157	0.570	0.902	1.044	1.087	1.116	1.120	1.118	1.114	1.110	1.108	1.107	1.106	1.103	1.082	1.059	0.972	0.786	0.476
Arkansas Nuclear Unit 1	G09		BW 15x15	2.95	15	0.44	B4C	17248	0.657	0.948	1.076	1.111	1.096	1.058	1.027	1.016	1.026	1.054	1.094	1.119	1.126	1.118	1.089	1.009	0.838	0.538
Arkansas Nuclear Unit 1	G04		BW 15x15	2.95	15	0.96	B4C	17291	0.645	0.922	1.041	1.083	1.093	1.090	1.085	1.081	1.081	1.085	1.091	1.096	1.097	1.090	1.063	0.987	0.822	0.546
Arkansas Nuclear Unit 1	N04	Mk-B8	BW 15x15	3.89	15	0.18	B4C	17389	0.631	0.929	1.049	1.089	1.100	1.101	1.099	1.095	1.092	1.088	1.084	1.079	1.072	1.061	1.038	0.979	0.831	0.563
Arkansas Nuclear Unit 1	I01		BW 15x15	3.30	15	1.16	B4C	17459	0.641	0.902	1.023	1.069	1.085	1.090	1.086	1.078	1.070	1.064	1.063	1.066	1.070	1.070	1.060	1.030	0.928	0.604
Arkansas Nuclear Unit 1	J07		BW 15x15	3.35	15	0.17	B4C	17528	0.644	0.944	1.071	1.114	1.121	1.110	1.078	1.048	1.035	1.033	1.045	1.073	1.089	1.085	1.063	1.005	0.889	0.573
Arkansas Nuclear Unit 1	E02		BW 15x15	3.01	0			17575	0.649	0.983	1.101	1.121	1.117	1.110	1.102	1.092	1.084	1.079	1.076	1.073	1.086	1.056	1.026	0.955	0.797	0.501
Arkansas Nuclear Unit 1	I06		BW 15x15	3.30	15	0.66	B4C	17591	0.643	0.931	1.065	1.112	1.121	1.106	1.067	1.031	1.015	1.013	1.029	1.065	1.087	1.090	1.076	1.034	0.916	0.601
Arkansas Nuclear Unit 1	D06		BW 15x15	2.64	0			17600	0.576	0.904	1.033	1.073	1.087	1.097	1.106	1.120	1.127	1.128	1.125	1.120	1.114	1.103	1.073	0.991	0.777	0.442
Arkansas Nuclear Unit 1	G07		BW 15x15	2.95	15	0.71	B4C	17707	0.655	0.946	1.067	1.100	1.088	1.050	1.019	1.009	1.019	1.046	1.085	1.109	1.117	1.111	1.087	1.024	0.880	0.588
Arkansas Nuclear Unit 1	I05		BW 15x15	3.30	15	0.91	B4C	17760	0.649	0.926	1.051	1.096	1.110	1.101	1.087	1.034	1.016	1.013	1.028	1.060	1.081	1.084	1.074	1.042	0.941	0.625
Arkansas Nuclear Unit 1	A02		BW 15x15	2.06	0			17857	0.588	0.925	1.088	1.114	1.121	1.117	1.115	1.117	1.122	1.127	1.131	1.134	1.131	1.115	1.073	0.983	0.880	0.359
Arkansas Nuclear Unit 1	G02		BW 15x15	2.95	15	0.71	B4C	17871	0.634	0.925	1.054	1.096	1.105	1.096	1.088	1.082	1.081	1.086	1.093	1.096	1.097	1.088	1.056	0.978	0.812	0.530
Arkansas Nuclear Unit 1	M06	Mk-B8	BW 15x15	3.48	15	0.69	B4C	17880	0.638	0.934	1.081	1.103	1.112	1.107	1.095	1.086	1.080	1.077	1.073	1.070	1.066	1.059	1.041	0.983	0.854	0.561
Arkansas Nuclear Unit 1	I07		BW 15x15	3.30	15	1.16	B4C	17889	0.659	0.930	1.055	1.100	1.110	1.095	1.056	1.020	1.003	1.001	1.019	1.057	1.082	1.088	1.079	1.051	0.958	0.638
Arkansas Nuclear Unit 1	I04		BW 15x15	3.30	15	1.16	B4C	17931	0.639	0.902	1.021	1.066	1.082	1.088	1.088	1.084	1.078	1.072	1.069	1.069	1.070	1.069	1.058	1.027	0.921	0.588
Arkansas Nuclear Unit 1	G01		BW 15x15	2.95	15	0.98	B4C	17950	0.641	0.920	1.044	1.088	1.096	1.090	1.081	1.076	1.078	1.084	1.093	1.100	1.100	1.092	1.063	0.986	0.822	0.546
Arkansas Nuclear Unit 1	M07	Mk-B8	BW 15x15	3.48	15	1.2	B4C	18016	0.652	0.935	1.061	1.104	1.113	1.106	1.096	1.086	1.081	1.077	1.074	1.072	1.068	1.060	1.041	0.977	0.846	0.549
Arkansas Nuclear Unit 1	I09		BW 15x15	3.30	15	1.16	B4C	18031	0.656	0.937	1.070	1.117	1.124	1.104	1.080	1.021	1.003	1.003	1.024	1.065	1.090	1.094	1.080	1.038	0.920	0.592
Arkansas Nuclear Unit 1	J02		BW 15x15	3.35	15	1.16	B4C	18206	0.652	0.922	1.045	1.089	1.101	1.102	1.096	1.092	1.086	1.082	1.078	1.077	1.074	1.064	1.040	0.979	0.855	0.564
Arkansas Nuclear Unit 1	G05		BW 15x15	2.95	15	0.71	B4C	18223	0.647	0.938	1.064	1.102	1.094	1.059	1.031	1.022	1.030	1.054	1.086	1.109	1.113	1.105	1.079	1.015	0.870	0.579
Arkansas Nuclear Unit 1	A03		BW 15x15	2.06	0			18225	0.599	0.924	1.061	1.105	1.113	1.111	1.105	1.101	1.096	1.096	1.099	1.100	1.097	1.084	1.047	0.965	0.801	0.503
Arkansas Nuclear Unit 1	M01	Mk-B8	BW 15x15	3.48	15	1.2	B4C	18245	0.649	0.929	1.052	1.094	1.104	1.103	1.097	1.091	1.086	1.083	1.080	1.077	1.073	1.063	1.042	0.978	0.848	0.551
Arkansas Nuclear Unit 1	A04		BW 15x15	2.06	0			18255	0.574	0.903	1.041	1.085	1.091	1.088	1.088	1.095	1.104	1.111	1.117	1.122	1.120	1.107	1.069	0.981	0.808	0.496
Arkansas Nuclear Unit 1	M03	Mk-B8	BW 15x15	3.48	15	1.2	B4C	18277	0.659	0.937	1.056	1.096	1.104	1.100	1.088	1.080	1.075	1.072	1.071	1.069	1.067	1.061	1.045	0.987	0.864	0.567
Arkansas Nuclear Unit 1	M02	Mk-B8	BW 15x15	3.48	15	0.94	B4C	18305	0.646	0.923	1.036	1.071	1.080	1.080	1.078	1.076	1.074	1.073	1.073	1.074	1.074	1.069	1.055	1.006	0.901	0.609
Arkansas Nuclear Unit 1	J03		BW 15x15	3.35	15	1.04	B4C	18321	0.658	0.925	1.038	1.075	1.086	1.089	1.089	1.086	1.083	1.079	1.076	1.074	1.071	1.064	1.046	0.996	0.880	0.585
Arkansas Nuclear Unit 1	C08		BW 15x15	3.05	0			18327	0.578	0.914	1.051	1.094	1.102	1.101	1.100	1.103	1.107	1.111	1.113	1.112	1.107	1.092	1.056	0.971	0.797	0.492
Arkansas Nuclear Unit 1	M05	Mk-B8	BW 15x15	3.48	15	0.94	B4C	18330	0.656	0.937	1.054	1.092	1.100	1.094	1.083	1.074	1.069	1.067	1.065	1.065	1.063	1.058	1.044	0.995	0.867	0.567
Arkansas Nuclear Unit 1	I02		BW 15x15	3.30	15	1.16	B4C	18342	0.637	0.906	1.034	1.063	1.099	1.101	1.095	1.085	1.075	1.069	1.067	1.069	1.072	1.068	1.053	1.011	0.897	0.578
Arkansas Nuclear Unit 1	A08		BW 15x15	2.06	0			18352	0.573	0.902	1.043	1.090	1.099	1.096	1.094	1.097	1.102	1.108	1.113	1.117	1.115	1.102	1.065	0.979	0.807	0.500
Arkansas Nuclear Unit 1	J08		BW 15x15	3.35	15	1.06	B4C	18360	0.658	0.950	1.076	1.120	1.126	1.111	1.076	1.042	1.027	1.026	1.040	1.072	1.090	1.086	1.082	0.997	0.865	0.567
Arkansas Nuclear Unit 1	D01		BW 15x15	2.64	0			18411	0.598	0.923	1.028	1.043	1.038	1.041	1.060	1.089	1.110	1.117	1.117	1.114	1.110	1.101	1.079	1.018	0.866	0.549
Arkansas Nuclear Unit 1	B04		BW 15x15	2.72	15	1.12	B4C	18456	0.642	0.946	1.078	1.115	1.117	1.112	1.107	1.105	1.106	1.107	1.109	1.108	1.101	1.081	1.033	0.929	0.739	0.464
Arkansas Nuclear Unit 1	J01		BW 15x15	3.35	15	1.16	B4C	18459	0.662	0.926	1.039	1.078	1.088	1.089	1.087	1.082	1.079	1.076	1.074	1.074	1.072	1.065	1.045	0.995	0.881	0.589
Arkansas Nuclear Unit 1	A01		BW 15x15	2.06	0			18511	0.575	0.906	1.049	1.100	1.112	1.110	1.108	1.102	1.101	1.102	1.104	1.105	1.102	1.089	1.053	0.972	0.807	0.506
Arkansas Nuclear Unit 1	J04		BW 15x15	3.35	15	1.01	B4C	18612	0.667	0.942	1.081	1.102	1.110	1.100	1.073	1.046	1.034	1.032	1.041	1.067	1.081	1.077	1.057	1.006	0.896	0.606
Arkansas Nuclear Unit 1	J10		BW 15x15	3.35	15	1.06	B4C	18699	0.674	0.948	1.085	1.104	1.111	1.099	1.066	1.035	1.021	1.019	1.033	1.063	1.082	1.081	1.062	1.013	0.906	0.617
Arkansas Nuclear Unit 1	B06		BW 15x15	2.72	15	1.12	B4C	18724	0.625	0.916	1.041	1.072	1.089	1.062	1.069	1.088	1.106	1.118	1.127	1.133	1.131	1.115	1.072	0.975	0.785	0.496
Arkansas Nuclear Unit 1	B02		BW 15x15	2.72	15	1.27	B4C	18753	0.653	0.954	1.078	1.109	1.112	1.106	1.102	1.096	1.092	1.091	1.091	1.090	1.087	1.072	1.032	0.945	0.780	0.510
Arkansas Nuclear Unit 1	B08		BW 15x15	2.72	15	0.97	B4C	18845	0.619	0.911	1.035	1.065	1.081	1.054	1.063	1.084	1.105	1.119	1.130	1.137	1.136	1.121	1.080	0.984	0.795	0.501
Arkansas Nuclear Unit 1	D04		BW 15x15	2.64	0			18898	0.633	0.954	0.965	0.921	0.906	0.911	0.953	1.084	1.147	1.164	1.167	1.165	1.161	1.152	1.131	1.071	0.820	0.593
Arkansas Nuclear Unit 1	I03		BW 15x15	3.30	0			19072	0.572	0.893	1.032	1.085	1.101	1.106	1.108	1.107	1.105	1.103	1.100	1.098	1.096	1.086	1.065	0.999	0.831	0.512
Arkansas Nuclear Unit 1	N08	Mk-B8	BW 15x15	3.89	15	1.24	B4C	19480	0.668	0.942	1.060	1.100	1.110	1.107	1.096	1.088	1.082	1.076	1.073	1.068	1.061	1.049	1.028	0.987	0.823	0.600
Arkansas Nuclear Unit 1	D08		BW 15x15	2.64	0			19594	0.587	0.908	1.015	1.037	1.041	1.049	1.068	1.096	1.118	1.125	1.124	1.121	1.115	1.105	1.080	1.014	0.858	0.540
Arkansas Nuclear Unit 1	B03		BW 15x15	2.72	15	1.12	B4C	19595	0.609	0.903	1.046	1.097	1.107	1.105	1.101	1.101	1.103	1.106	1.109	1.111	1.108	1.094	1.055	0.964	0.782	0.497

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Arkansas Nuclear Unit 1	B06		BW 15x15	2.72	15	1.27	B4C	19598	0.810	0.902	1.045	1.096	1.107	1.105	1.101	1.099	1.099	1.100	1.103	1.104	1.101	1.087	1.051	0.987	0.901	0.522
Arkansas Nuclear Unit 1	F04	Mk-B4	BW 15x15	3.19	15	1.02	B4C	19639	0.829	0.917	1.031	1.058	1.057	1.057	1.063	1.080	1.101	1.113	1.119	1.119	1.114	1.100	1.067	0.993	0.836	0.546
Arkansas Nuclear Unit 1	C05		BW 15x15	3.05	0			19867	0.802	0.930	1.083	1.091	1.089	1.083	1.081	1.086	1.083	1.100	1.103	1.103	1.099	1.087	1.057	0.983	0.824	0.517
Arkansas Nuclear Unit 1	D02		BW 15x15	2.64	0			19911	0.826	0.940	1.029	1.034	1.022	1.018	1.029	1.055	1.080	1.096	1.103	1.108	1.106	1.104	1.092	1.046	0.912	0.600
Arkansas Nuclear Unit 1	F10	Mk-B4	BW 15x15	3.19	15	1.24	B4C	20002	0.827	0.914	1.028	1.053	1.050	1.048	1.056	1.077	1.102	1.119	1.126	1.127	1.123	1.106	1.073	0.995	0.832	0.543
Arkansas Nuclear Unit 1	E09		BW 15x15	3.01	0			20094	0.585	0.911	1.043	1.087	1.097	1.100	1.104	1.112	1.121	1.126	1.127	1.124	1.116	1.099	1.062	0.977	0.771	0.437
Arkansas Nuclear Unit 1	C09		BW 15x15	3.05	0			20136	0.808	0.930	1.041	1.082	1.056	1.048	1.050	1.085	1.084	1.099	1.109	1.114	1.114	1.108	1.081	1.014	0.883	0.556
Arkansas Nuclear Unit 1	E01		BW 15x15	3.01	0			20152	0.882	1.016	1.056	1.055	1.057	1.059	1.066	1.077	1.086	1.090	1.091	1.090	1.087	1.078	1.057	0.995	0.826	0.530
Arkansas Nuclear Unit 1	A10		BW 15x15	2.06	0			20202	0.718	1.092	1.185	1.134	1.087	1.048	1.053	1.086	1.077	1.085	1.080	1.091	1.087	1.072	1.030	0.921	0.734	0.447
Arkansas Nuclear Unit 1	N01	Mk-B8	BW 15x15	3.89	15	1.51	B4C	20436	0.876	0.943	1.058	1.088	1.108	1.107	1.102	1.096	1.091	1.086	1.081	1.075	1.067	1.054	1.026	0.957	0.799	0.574
Arkansas Nuclear Unit 1	D09		BW 15x15	2.64	0			20507	0.581	0.911	1.036	1.077	1.092	1.099	1.105	1.109	1.111	1.111	1.110	1.108	1.101	1.086	1.058	0.983	0.816	0.504
Arkansas Nuclear Unit 1	N03	Mk-B8	BW 15x15	3.89	15	2.04	B4C	20591	0.897	0.952	1.062	1.099	1.109	1.105	1.095	1.086	1.080	1.076	1.071	1.066	1.059	1.048	1.025	0.981	0.810	0.597
Arkansas Nuclear Unit 1	N02	Mk-B8	BW 15x15	3.89	15	1.51	B4C	20621	0.879	0.938	1.043	1.076	1.084	1.084	1.082	1.079	1.077	1.074	1.071	1.068	1.063	1.054	1.035	0.985	0.861	0.646
Arkansas Nuclear Unit 1	N07	Mk-B8	BW 15x15	3.89	15	1.24	B4C	20638	0.878	0.954	1.089	1.108	1.117	1.113	1.101	1.091	1.085	1.080	1.075	1.069	1.062	1.050	1.026	0.958	0.798	0.567
Arkansas Nuclear Unit 1	F05	Mk-B4	BW 15x15	3.19	0			20639	0.803	0.934	1.054	1.089	1.096	1.098	1.097	1.097	1.099	1.102	1.103	1.103	1.098	1.085	1.052	0.974	0.808	0.504
Arkansas Nuclear Unit 1	C02		BW 15x15	3.05	0			20749	0.819	0.950	1.079	1.108	1.109	1.108	1.102	1.100	1.098	1.097	1.095	1.092	1.086	1.070	1.035	0.955	0.795	0.497
Arkansas Nuclear Unit 1	E07		BW 15x15	3.01	0			20818	0.581	0.904	1.030	1.069	1.077	1.080	1.088	1.100	1.112	1.118	1.118	1.115	1.107	1.092	1.060	0.988	0.833	0.528
Arkansas Nuclear Unit 1	I10		BW 15x15	3.30	15		B4C	20876	0.802	0.908	1.040	1.088	1.097	1.097	1.093	1.088	1.085	1.084	1.086	1.090	1.091	1.088	1.068	1.009	0.852	0.539
Arkansas Nuclear Unit 1	N05	Mk-B8	BW 15x15	3.89	15	2.04	B4C	20951	0.898	0.951	1.059	1.095	1.104	1.100	1.089	1.080	1.074	1.070	1.066	1.061	1.054	1.044	1.023	0.986	0.835	0.830
Arkansas Nuclear Unit 1	F06	Mk-B4	BW 15x15	3.19	15	0.71	B4C	21508	0.822	0.917	1.033	1.060	1.060	1.059	1.065	1.082	1.102	1.116	1.122	1.122	1.118	1.103	1.068	0.989	0.828	0.536
Arkansas Nuclear Unit 1	G06		BW 15x15	2.95	15	0.18	B4C	21519	0.805	0.913	1.043	1.090	1.103	1.103	1.099	1.096	1.094	1.095	1.097	1.098	1.096	1.087	1.059	0.985	0.820	0.519
Arkansas Nuclear Unit 1	H07		BW 15x15	3.21	15	0.44	B4C	21651	0.821	0.924	1.054	1.098	1.103	1.085	1.068	1.059	1.057	1.065	1.085	1.094	1.094	1.085	1.063	1.007	0.886	0.570
Arkansas Nuclear Unit 1	J05		BW 15x15	3.35	15	0.17	B4C	21959	0.812	0.909	1.035	1.080	1.093	1.097	1.099	1.099	1.098	1.096	1.092	1.088	1.082	1.073	1.052	0.994	0.851	0.551
Arkansas Nuclear Unit 1	K07	Mk-B6	BW 15x15	3.45	15	1.2	B4C	21961	0.838	0.917	1.041	1.086	1.096	1.098	1.096	1.097	1.097	1.093	1.086	1.077	1.069	1.060	1.041	0.984	0.857	0.566
Arkansas Nuclear Unit 1	G04		BW 15x15	2.95	15	0.96	B4C	21974	0.830	0.914	1.035	1.078	1.090	1.090	1.086	1.084	1.084	1.087	1.092	1.096	1.096	1.089	1.064	0.995	0.838	0.554
Arkansas Nuclear Unit 1	L03	Mk-B8	BW 15x15	3.49	15	0.43	B4C	21999	0.820	0.917	1.042	1.084	1.094	1.094	1.092	1.089	1.086	1.084	1.082	1.080	1.077	1.069	1.052	0.997	0.869	0.574
Arkansas Nuclear Unit 1	C06		BW 15x15	3.05	0			22098	0.844	0.963	1.086	1.047	1.004	0.989	0.981	1.006	1.085	1.100	1.128	1.141	1.144	1.136	1.110	1.043	0.887	0.568
Arkansas Nuclear Unit 1	G11		BW 15x15	2.95	15	0.71	B4C	22478	0.822	0.924	1.055	1.097	1.097	1.074	1.053	1.046	1.051	1.067	1.091	1.108	1.106	1.100	1.075	1.010	0.861	0.564
Arkansas Nuclear Unit 1	J07		BW 15x15	3.35	15	0.17	B4C	22512	0.831	0.931	1.055	1.086	1.107	1.101	1.080	1.080	1.052	1.050	1.058	1.077	1.087	1.083	1.083	1.009	0.878	0.581
Arkansas Nuclear Unit 1	F07	Mk-B4	BW 15x15	3.19	15	0.71	B4C	22532	0.818	0.917	1.033	1.059	1.057	1.054	1.058	1.072	1.092	1.108	1.113	1.116	1.114	1.102	1.072	1.004	0.854	0.559
Arkansas Nuclear Unit 1	C03		BW 15x15	3.05	0			22580	0.819	0.948	1.080	1.079	1.071	1.062	1.062	1.073	1.088	1.100	1.107	1.110	1.107	1.096	1.086	0.992	0.831	0.529
Arkansas Nuclear Unit 1	H05		BW 15x15	3.21	15	0.18	B4C	22691	0.804	0.911	1.040	1.085	1.099	1.099	1.093	1.087	1.083	1.082	1.083	1.088	1.087	1.081	1.062	1.006	0.857	0.553
Arkansas Nuclear Unit 1	C10		BW 15x15	3.05	15	1.12	B4C	23079	0.810	0.904	1.028	1.088	1.079	1.083	1.088	1.090	1.095	1.099	1.103	1.105	1.104	1.096	1.088	0.995	0.839	0.550
Arkansas Nuclear Unit 1	A11		BW 15x15	2.06	0			23099	0.828	0.958	1.072	1.097	1.098	1.093	1.090	1.091	1.093	1.096	1.100	1.101	1.096	1.083	1.045	0.962	0.798	0.496
Arkansas Nuclear Unit 1	I07		BW 15x15	3.30	15	1.16	B4C	23158	0.843	0.922	1.044	1.087	1.098	1.090	1.085	1.041	1.031	1.030	1.042	1.088	1.084	1.085	1.073	1.039	0.936	0.824
Arkansas Nuclear Unit 1	B10		BW 15x15	2.72	15	0.97	B4C	23270	0.704	1.019	1.086	1.058	1.045	1.036	1.044	1.065	1.086	1.102	1.113	1.120	1.119	1.108	1.080	0.973	0.779	0.495
Arkansas Nuclear Unit 1	F09	Mk-B4	BW 15x15	3.19	15	0.71	B4C	23443	0.806	0.912	1.042	1.088	1.097	1.094	1.088	1.085	1.086	1.092	1.096	1.102	1.099	1.088	1.059	0.989	0.835	0.539
Arkansas Nuclear Unit 1	H09		BW 15x15	3.21	0			23513	0.588	0.905	1.039	1.086	1.100	1.100	1.094	1.087	1.082	1.079	1.081	1.084	1.085	1.081	1.082	1.011	0.871	0.566
Arkansas Nuclear Unit 1	D10		BW 15x15	2.64	0			23683	0.823	0.938	0.982	0.966	0.961	0.964	0.994	1.066	1.131	1.146	1.149	1.148	1.144	1.135	1.111	1.048	0.896	0.578
Arkansas Nuclear Unit 1	C07		BW 15x15	3.05	15	1.12	B4C	23737	0.841	0.945	1.058	1.082	1.080	1.078	1.075	1.080	1.087	1.094	1.098	1.100	1.096	1.087	1.056	0.981	0.825	0.537
Arkansas Nuclear Unit 1	A09		BW 15x15	2.06	0			23770	0.805	0.930	1.052	1.084	1.086	1.082	1.081	1.085	1.090	1.093	1.096	1.098	1.097	1.088	1.061	0.993	0.841	0.537
Arkansas Nuclear Unit 1	B01		BW 15x15	2.72	0			23833	0.709	1.058	1.101	1.062	1.060	1.064	1.086	1.068	1.069	1.071	1.073	1.076	1.078	1.074	1.051	0.971	0.818	0.532
Arkansas Nuclear Unit 1	G10		BW 15x15	2.95	15	0.18	B4C	23836	0.809	0.912	1.045	1.092	1.104	1.101	1.094	1.089	1.087	1.090	1.096	1.099	1.096	1.089	1.062	0.989	0.827	0.526
Arkansas Nuclear Unit 1	G02		BW 15x15	2.95	15	0.71	B4C	23859	0.823	0.917	1.044	1.088	1.099	1.096	1.091	1.087	1.087	1.090	1.095	1.098	1.096	1.087	1.060	0.987	0.822	0.531
Arkansas Nuclear Unit 1	K06	Mk-B6	BW 15x15	3.45	15	0.69	B4C	23906	0.825	0.914	1.040	1.085	1.098	1.096	1.095	1.094	1.093	1.090	1.085	1.077	1.070	1.062	1.044	0.990	0.886	0.577
Arkansas Nuclear Unit 1	C04		BW 15x15	3.05	0			23997	0.841	0.978	1.071	1.061	1.082	1.077	1.074	1.073	1.074	1.077	1.079	1.082	1.083	1.079	1.059	0.997	0.847	0.548
Arkansas Nuclear Unit 1	H08		BW 15x15	3.21	15	0.96	B4C	24455	0.834	0.928	1.057	1.102	1.107	1.089	1.071	1.081	1.058	1.066	1.085	1.095	1.095	1.087	1.064	1.001	0.848	0.555
Arkansas Nuclear Unit 1	K10	Mk-B6	BW 15x15	3.45	15	1.2	B4C	24586	0.844	0.920	1.036	1.077	1.087	1.088	1.087	1.088	1.087	1.085	1.079	1.072	1.065	1.058	1.042	0.994	0.887	0.604
Arkansas Nuclear Unit 1	L07	Mk-B8	BW 15x15	3.49	0			24938	0.801	0.922	1.047	1.089	1.100	1.101	1.096	1.095	1.092	1.090	1.087	1.084	1.081	1.073	1.053	0.994	0.847	0.545
Arkansas Nuclear Unit 1	L10	Mk-B8	BW 15x15	3.49	15	0.94	B4C	24940	0.843	0.928	1.044	1.083	1.093	1.092	1.086	1.080	1.077	1.075	1.073	1.070	1.067	1.060	1.046	0.997	0.888	0.599
Arkansas Nuclear Unit 1	K02	Mk-B6	BW 15x15	3.45	15	1.17	B4C	25008	0.840	0.917	1.031	1.070	1.081	1.084	1.086	1.087	1.087	1.085	1.080	1.074	1.068	1.060	1.044	1.000	0.884	0.610
Arkansas Nuclear Unit 1	J09		BW 15x15	3.35	15	0.17	B4C	25047	0.813	0.914	1.041	1.086	1.098	1.099	1.098	1.098	1.095	1.093	1.091	1.087	1.082	1.073	1.051	0.990	0.847	0.547
Arkansas Nuclear Unit 1	C01		BW 15x15	3.05	0			25106	0.890	1.032	1.108	1.095	1.090	1.088	1.087	1.087	1.090	1.091	1.092	1.090	1.084	1.068	1.028	0.931	0.785	0.484
Arkansas Nuclear Unit 1	B07		BW 15x15	2.72	15	1.27	B4C	25190	0.842	0.944	1.067	1.081	1.080	1.075	1.074	1.078	1.085	1.091	1.095	1.097	1.095	1.086	1.057	0.985	0.832	0.547
Arkansas Nuclear Unit 1	D08		BW 15x15	2.64	0			25389	0.593	0.907	1.016	1.041	1.047	1.052	1.068	1.092	1.109	1.118	1.119	1.118	1.114	1.103	1.078	1.013	0.861	0.551
Arkansas Nuclear Unit 1	E03		BW 15x15	3.01	0			25504	0.826	0.942	1.054	1.082	1.084	1.082	1.083	1.085	1.089	1.091	1.090	1.088	1.084	1.074	1.050	0.991	0.850	0.555
Arkansas Nuclear Unit 1	D06		BW 15x15	2.64	0			25528	0.881	0.991	1.056	1.073	1.085	1.092	1.097	1.102	1.104	1.104	1.103	1.101	1.096	1.085	1.056	0.978	0.798	0.454
Arkansas Nuclear Unit 1	B09		BW 15x15	2.72	15	1.12	B4C	25746	0.850	0.952	1.052	1.082	1.049	1.038	1.042	1.063	1.086	1.102	1.113	1.118	1.117	1.105	1.073	0.997	0.836	0.544
Arkansas Nuclear Unit 1	J03		BW 15x15	3.35	15	1.04	B4C	25829	0.840	0.918	1.031	1.069	1.081	1.086	1.088	1.089	1.088	1.086	1.082	1.078	1.074	1.067	1.050	1.001	0.882	0.569
Arkansas Nuclear Unit 1	K04	Mk-B6	BW 15x15	3.45	15	0.17	B4C	26061	0.818	0.916	1.041	1.085	1.096	1.098	1.097	1.095	1.093	1.089	1.085	1.079	1.073	1.064	1.044	0.991	0.863	0.574
Arkansas Nuclear Unit 1	I09		BW 15x15	3.30	15	1.16	B4C	26315	0.843	0.930	1.054	1.087	1.106	1.095	1.088	1.044	1.033	1.034	1.047	1.073	1.088	1.089	1.073	1.027	0.908	0.594
Arkansas Nuclear Unit 1	K08	Mk-B6	BW 15x15	3.45	0			26375	0.820	0.928	1.043	1.082	1.092	1.094	1.094	1.094	1.093	1.091	1.087	1.082	1.076	1.069	1.050	0.997	0.853	0.555
Arkansas Nuclear Unit 1	G05		BW 15x15	2.95	15	0.18	B4C	26528	0.806	0.911	1.038	1.083	1.095	1.096	1.092	1.089	1.087	1.088	1.091	1.094	1.094	1.088	1.065	0.999	0.843	0.541
Arkansas Nuclear Unit 1	B04		BW 15x15	2.72	15	1.12	B4C	26532	0.828	0.924	1.046	1.082	1.091	1.093	1.095	1.099	1.104	1.108	1.112	1.114	1.113	1.104	1.073	0.978	0.755	0.482
Arkansas Nuclear Unit 1	D05		BW 15x15	2.64	0			26660	0.845	0.961	1.026	0.974	0.927	0.923	0.958	1.037	1.122	1.153	1.160	1.160	1.156	1.144	1.117	1.051	0.900	0.585
Arkansas Nuclear Unit 1	K09	Mk-B6	BW 15x15	3.45	0			26842	0.817	0.928	1.045	1.085	1.095	1.098	1.100	1.101	1.100	1.097	1.091	1.084	1.076	1.066	1.046	0.989	0.841	0.544
Arkansas Nuclear Unit 1	B05		BW 15x15	2.72	15	1.27	B4C	26850	0.820	0.918	1.043	1.084	1.093	1.092	1.090	1.091	1.093	1.096	1.096	1.099	1.097	1.086	1.055	0.981	0.824	0.536

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Arkansas Nuclear Unit 1	D07		BW 15x15	2.64	0			26862	0.595	0.912	1.036	1.077	1.090	1.095	1.101	1.108	1.114	1.117	1.117	1.114	1.106	1.094	1.082	0.965	0.801	0.476
Arkansas Nuclear Unit 1	B02		BW 15x15	2.72	15	1.27	B4C	26941	0.624	0.914	1.033	1.069	1.080	1.084	1.085	1.087	1.088	1.090	1.092	1.095	1.096	1.090	1.067	0.999	0.846	0.561
Arkansas Nuclear Unit 1	M03	Mk-B8	BW 15x15	3.48	15	1.2	B4C	27162	0.650	0.932	1.044	1.080	1.089	1.088	1.083	1.079	1.077	1.076	1.075	1.075	1.073	1.067	1.052	1.000	0.877	0.584
Arkansas Nuclear Unit 1	B11		BW 15x15	2.72	15	1.12	B4C	27200	0.617	0.904	1.017	1.046	1.047	1.045	1.054	1.072	1.090	1.103	1.113	1.120	1.121	1.115	1.090	1.020	0.861	0.564
Arkansas Nuclear Unit 1	B06		BW 15x15	2.72	15	1.12	B4C	27366	0.619	0.909	1.023	1.052	1.053	1.051	1.059	1.076	1.093	1.105	1.114	1.120	1.121	1.114	1.087	1.012	0.844	0.548
Arkansas Nuclear Unit 1	H10		BW 15x15	3.21	15	0.18	B4C	27368	0.616	0.923	1.054	1.099	1.111	1.105	1.090	1.074	1.085	1.084	1.070	1.081	1.087	1.083	1.083	1.007	0.857	0.552
Arkansas Nuclear Unit 1	B08		BW 15x15	2.72	15	0.97	B4C	27534	0.623	0.913	1.020	1.039	1.032	1.025	1.034	1.059	1.085	1.105	1.119	1.128	1.130	1.124	1.099	1.029	0.869	0.568
Arkansas Nuclear Unit 1	J11		BW 15x15	3.35	15	0.17	B4C	27604	0.611	0.910	1.034	1.078	1.091	1.095	1.097	1.097	1.097	1.095	1.092	1.088	1.083	1.075	1.054	0.996	0.854	0.553
Arkansas Nuclear Unit 1	C06		BW 15x15	3.05	0			27700	0.601	0.916	1.029	1.059	1.065	1.069	1.079	1.096	1.108	1.113	1.113	1.110	1.106	1.094	1.066	0.996	0.840	0.539
Arkansas Nuclear Unit 1	D03		BW 15x15	2.64	0			27774	0.616	0.929	1.036	1.057	1.055	1.056	1.065	1.081	1.096	1.105	1.107	1.107	1.102	1.093	1.088	1.006	0.861	0.558
Arkansas Nuclear Unit 1	C05		BW 15x15	3.05	0			27874	0.618	0.946	1.064	1.090	1.087	1.081	1.081	1.085	1.091	1.094	1.095	1.093	1.089	1.078	1.051	0.965	0.836	0.536
Arkansas Nuclear Unit 1	F03	Mk-B4	BW 15x15	3.19	15	0.44	B4C	28085	0.637	0.941	1.058	1.095	1.099	1.089	1.077	1.070	1.071	1.078	1.089	1.096	1.095	1.084	1.055	0.965	0.834	0.545
Arkansas Nuclear Unit 1	F02	Mk-B4	BW 15x15	3.19	15	0.71	B4C	28114	0.645	0.937	1.042	1.073	1.081	1.083	1.084	1.086	1.090	1.093	1.095	1.096	1.094	1.085	1.058	0.966	0.829	0.543
Arkansas Nuclear Unit 1	E08		BW 15x15	3.01	0			28229	0.596	0.915	1.043	1.087	1.095	1.088	1.080	1.077	1.079	1.086	1.096	1.102	1.101	1.091	1.065	0.996	0.850	0.549
Arkansas Nuclear Unit 1	B03		BW 15x15	2.72	15	1.12	B4C	28418	0.619	0.916	1.042	1.082	1.089	1.089	1.090	1.095	1.104	1.111	1.116	1.119	1.118	1.107	1.075	0.980	0.781	0.486
Arkansas Nuclear Unit 1	F01	Mk-B4	BW 15x15	3.19	15	1.02	B4C	28523	0.641	0.942	1.067	1.108	1.115	1.108	1.099	1.094	1.096	1.103	1.111	1.116	1.114	1.102	1.068	0.964	0.709	0.444
Arkansas Nuclear Unit 1	E04		BW 15x15	3.01	0			28640	0.653	0.966	1.110	1.136	1.106	0.996	0.940	0.933	0.953	1.003	1.104	1.143	1.148	1.140	1.114	1.050	0.899	0.586
Arkansas Nuclear Unit 1	H09		BW 15x15	3.21	0			28646	0.595	0.907	1.036	1.080	1.094	1.095	1.091	1.086	1.082	1.081	1.082	1.085	1.086	1.080	1.062	1.011	0.874	0.572
Arkansas Nuclear Unit 1	I06		BW 15x15	3.30	15	0.66	B4C	28991	0.633	0.926	1.049	1.092	1.102	1.096	1.078	1.057	1.048	1.047	1.055	1.074	1.084	1.082	1.086	1.019	0.897	0.586
Arkansas Nuclear Unit 1	G01		BW 15x15	2.95	15	0.98	B4C	29047	0.633	0.924	1.046	1.090	1.102	1.101	1.096	1.083	1.083	1.086	1.100	1.102	1.101	1.092	1.065	0.990	0.790	0.485
Arkansas Nuclear Unit 1	C09		BW 15x15	3.05	0			29104	0.630	0.939	1.044	1.086	1.083	1.058	1.061	1.071	1.084	1.093	1.099	1.102	1.102	1.097	1.078	1.018	0.854	0.540
Arkansas Nuclear Unit 1	D04		BW 15x15	2.64	0			29258	0.639	0.949	1.007	1.002	1.001	1.003	1.023	1.085	1.115	1.124	1.126	1.125	1.121	1.111	1.086	1.025	0.881	0.576
Arkansas Nuclear Unit 1	C07		BW 15x15	3.05	15	1.12	B4C	29335	0.680	0.998	1.112	1.113	1.077	1.064	1.063	1.067	1.073	1.078	1.081	1.082	1.079	1.069	1.041	0.972	0.818	0.533
Arkansas Nuclear Unit 1	K01	Mk-B6	BW 15x15	3.45	15	1.17	B4C	29578	0.639	0.922	1.040	1.081	1.092	1.095	1.096	1.096	1.094	1.091	1.085	1.078	1.070	1.060	1.040	0.985	0.881	0.575
Arkansas Nuclear Unit 1	K03	Mk-B6	BW 15x15	3.45	15	1.2	B4C	29630	0.647	0.929	1.046	1.087	1.098	1.096	1.095	1.094	1.092	1.088	1.081	1.073	1.064	1.055	1.037	0.983	0.859	0.574
Arkansas Nuclear Unit 1	Q02		BW 15x15	2.95	15	0.71	B4C	29762	0.619	0.915	1.039	1.083	1.094	1.092	1.087	1.084	1.083	1.086	1.091	1.095	1.095	1.089	1.086	0.999	0.840	0.544
Arkansas Nuclear Unit 1	D01		BW 15x15	2.64	0			29846	0.616	0.924	1.024	1.039	1.033	1.035	1.051	1.078	1.104	1.117	1.121	1.120	1.115	1.104	1.077	1.013	0.866	0.563
Arkansas Nuclear Unit 1	K05	Mk-B6	BW 15x15	3.45	15	1.2	B4C	29880	0.654	0.931	1.036	1.089	1.078	1.078	1.077	1.078	1.077	1.076	1.072	1.067	1.062	1.057	1.046	1.007	0.907	0.628
Arkansas Nuclear Unit 1	E06		BW 15x15	3.01	0			29975	0.606	0.928	1.056	1.097	1.107	1.107	1.108	1.107	1.110	1.112	1.114	1.114	1.110	1.096	1.066	0.973	0.738	0.453
Arkansas Nuclear Unit 1	G07		BW 15x15	2.95	15	0.71	B4C	30203	0.640	0.938	1.059	1.087	1.094	1.070	1.049	1.040	1.043	1.060	1.085	1.100	1.103	1.095	1.072	1.011	0.869	0.578
Arkansas Nuclear Unit 1	I06		BW 15x15	3.30	15	0.66	B4C	30455	0.630	0.917	1.030	1.068	1.081	1.086	1.088	1.087	1.085	1.083	1.080	1.079	1.078	1.073	1.058	1.013	0.885	0.580
Arkansas Nuclear Unit 1	C02		BW 15x15	3.05	0			30499	0.630	0.951	1.062	1.090	1.094	1.093	1.091	1.089	1.088	1.086	1.084	1.082	1.079	1.070	1.046	0.984	0.839	0.542
Arkansas Nuclear Unit 1	L02	Mk-B6	BW 15x15	3.49	15	0.94	B4C	30538	0.646	0.937	1.052	1.090	1.099	1.097	1.090	1.084	1.080	1.077	1.074	1.072	1.068	1.061	1.045	0.991	0.864	0.571
Arkansas Nuclear Unit 1	I01		BW 15x15	3.30	15	1.16	B4C	30603	0.636	0.919	1.035	1.078	1.092	1.096	1.095	1.091	1.087	1.083	1.081	1.082	1.082	1.077	1.061	1.016	0.866	0.520
Arkansas Nuclear Unit 1	K04	Mk-B6	BW 15x15	3.45	15	0.17	B4C	30807	0.618	0.915	1.037	1.078	1.090	1.092	1.091	1.090	1.089	1.086	1.084	1.080	1.075	1.068	1.051	0.999	0.875	0.583
Arkansas Nuclear Unit 1	D02		BW 15x15	2.64	0			30907	0.632	0.935	1.030	1.045	1.041	1.039	1.047	1.066	1.085	1.096	1.104	1.106	1.104	1.096	1.076	1.022	0.887	0.586
Arkansas Nuclear Unit 1	J06		BW 15x15	3.35	15	1.06	B4C	30974	0.647	0.935	1.055	1.097	1.107	1.101	1.084	1.069	1.062	1.060	1.064	1.076	1.081	1.075	1.054	0.996	0.865	0.573
Arkansas Nuclear Unit 1	H02		BW 15x15	3.21	15	0.96	B4C	31069	0.629	0.914	1.029	1.066	1.084	1.091	1.094	1.094	1.091	1.087	1.083	1.080	1.077	1.072	1.056	1.007	0.867	0.577
Arkansas Nuclear Unit 1	L09	Mk-B8	BW 15x15	3.49	15	0.94	B4C	31129	0.646	0.942	1.062	1.102	1.113	1.111	1.104	1.096	1.093	1.090	1.086	1.082	1.077	1.069	1.048	0.989	0.810	0.477
Arkansas Nuclear Unit 1	M06	Mk-B8	BW 15x15	3.48	0			31211	0.625	0.930	1.036	1.067	1.076	1.078	1.079	1.079	1.079	1.080	1.080	1.080	1.079	1.075	1.061	1.016	0.887	0.584
Arkansas Nuclear Unit 1	C08		BW 15x15	3.05	0			31241	0.635	0.954	1.044	1.045	1.025	1.010	1.011	1.043	1.080	1.101	1.116	1.122	1.122	1.114	1.090	1.029	0.883	0.576
Arkansas Nuclear Unit 1	E10		BW 15x15	3.01	0			31274	0.606	0.917	1.035	1.073	1.084	1.086	1.087	1.089	1.092	1.094	1.096	1.097	1.095	1.086	1.061	0.997	0.851	0.565
Arkansas Nuclear Unit 1	L05	Mk-B8	BW 15x15	3.49	15	0.94	B4C	31282	0.642	0.929	1.039	1.073	1.082	1.081	1.078	1.074	1.072	1.071	1.071	1.070	1.069	1.065	1.054	1.010	0.904	0.615
Arkansas Nuclear Unit 1	F10	Mk-B4	BW 15x15	3.19	15	1.24	B4C	31293	0.637	0.924	1.031	1.061	1.067	1.068	1.071	1.078	1.087	1.092	1.093	1.094	1.092	1.085	1.063	1.006	0.868	0.582
Arkansas Nuclear Unit 1	H12		BW 15x15	3.21	15	1.24	B4C	31342	0.648	0.936	1.057	1.100	1.112	1.107	1.096	1.082	1.073	1.070	1.074	1.080	1.084	1.081	1.063	1.007	0.830	0.500
Arkansas Nuclear Unit 1	C03		BW 15x15	3.05	0			31395	0.640	0.957	1.062	1.078	1.068	1.060	1.060	1.070	1.082	1.090	1.094	1.096	1.094	1.087	1.064	1.000	0.849	0.551
Arkansas Nuclear Unit 1	M07	Mk-B8	BW 15x15	3.48	15	1.2	B4C	31419	0.649	0.935	1.047	1.064	1.094	1.063	1.087	1.083	1.080	1.079	1.077	1.075	1.072	1.065	1.048	0.992	0.863	0.576
Arkansas Nuclear Unit 1	H01		BW 15x15	3.21	15	1.24	B4C	31450	0.638	0.924	1.047	1.092	1.106	1.106	1.104	1.096	1.092	1.088	1.086	1.085	1.083	1.076	1.055	0.996	0.822	0.497
Arkansas Nuclear Unit 1	L08	Mk-B8	BW 15x15	3.49	15	0.94	B4C	31671	0.649	0.937	1.046	1.081	1.090	1.089	1.085	1.080	1.077	1.075	1.074	1.072	1.070	1.064	1.050	1.000	0.879	0.584
Arkansas Nuclear Unit 1	I11		BW 15x15	3.30	15	0.66	B4C	31683	0.632	0.918	1.032	1.071	1.083	1.087	1.088	1.086	1.084	1.081	1.079	1.078	1.076	1.071	1.058	1.010	0.884	0.583
Arkansas Nuclear Unit 1	E05		BW 15x15	3.01	0			31816	0.613	0.922	1.041	1.079	1.085	1.079	1.073	1.072	1.076	1.083	1.092	1.097	1.096	1.089	1.065	1.005	0.865	0.569
Arkansas Nuclear Unit 1	J02		BW 15x15	3.35	15	1.16	B4C	31821	0.648	0.927	1.035	1.071	1.083	1.087	1.089	1.090	1.089	1.087	1.082	1.077	1.072	1.064	1.045	0.996	0.874	0.585
Arkansas Nuclear Unit 1	I04		BW 15x15	3.30	15	1.16	B4C	31837	0.639	0.920	1.036	1.077	1.089	1.090	1.082	1.073	1.068	1.065	1.067	1.074	1.078	1.075	1.060	1.016	0.898	0.594
Arkansas Nuclear Unit 1	J01		BW 15x15	3.35	15	1.16	B4C	31862	0.652	0.927	1.029	1.062	1.072	1.075	1.076	1.077	1.077	1.076	1.074	1.072	1.069	1.064	1.052	1.014	0.909	0.623
Arkansas Nuclear Unit 1	J10		BW 15x15	3.35	15	1.06	B4C	31896	0.655	0.941	1.057	1.098	1.107	1.103	1.089	1.076	1.069	1.067	1.070	1.081	1.085	1.079	1.059	1.004	0.837	0.522
Arkansas Nuclear Unit 1	G05		BW 15x15	2.95	15	0.71	B4C	31959	0.630	0.934	1.055	1.094	1.095	1.074	1.056	1.048	1.050	1.064	1.085	1.097	1.096	1.090	1.066	1.006	0.866	0.581
Arkansas Nuclear Unit 1	G09		BW 15x15	2.95	15	0.44	B4C	31978	0.629	0.942	1.062	1.099	1.099	1.077	1.056	1.047	1.049	1.063	1.085	1.099	1.101	1.094	1.070	1.005	0.857	0.569
Arkansas Nuclear Unit 1	F08	Mk-B4	BW 15x15	3.19	15	1.24	B4C	32046	0.638	0.925	1.034	1.065	1.071	1.072	1.074	1.081	1.089	1.094	1.096	1.096	1.093	1.085	1.062	1.001	0.856	0.569
Arkansas Nuclear Unit 1	M04	Mk-B8	BW 15x15	3.48	15		B4C	32076	0.630	0.932	1.045	1.082	1.091	1.092	1.090	1.088	1.086	1.083	1.082	1.079	1.076	1.067	1.048	0.995	0.859	0.573
Arkansas Nuclear Unit 1	F14	Mk-B4	BW 15x15	3.19	0			32188	0.625	0.933	1.042	1.071	1.079	1.080	1.080	1.080	1.081	1.083	1.086	1.087	1.086	1.080	1.059	1.005	0.868	0.575
Arkansas Nuclear Unit 1	C10		BW 15x15	3.05	15	1.12	B4C	32266	0.624	0.915	1.027	1.060	1.066	1.072	1.077	1.084	1.090	1.095	1.097	1.096	1.097	1.091	1.069	1.008	0.859	0.570
Arkansas Nuclear Unit 1	E02		BW 15x15	3.01	0			32317	0.652	0.967	1.074	1.103	1.106	1.106	1.102	1.097	1.094	1.094	1.095	1.096	1.095	1.086	1.059	0.971	0.738	0.462
Arkansas Nuclear Unit 1	L06	Mk-B8	BW 15x15	3.49	15	0.94	B4C	32417	0.644	0.932	1.043	1.078	1.086	1.086	1.082	1.077	1.075	1.073	1.072	1.071	1.069	1.063	1.050	1.003	0.893	0.605
Arkansas Nuclear Unit 1	I10		BW 15x15	3.30	15		B4C	32458	0.615	0.914	1.034	1.077	1.089	1.091	1.090	1.088	1.086	1.085	1.085	1.084	1.082	1.076	1.059	1.006	0.869	0.569
Arkansas Nuclear Unit 1	M10	Mk-B8	BW 15x15	3.48	0			32456	0.635	0.940	1.046	1.078	1.086	1.089	1.087	1.086	1.084	1.084	1.083	1.082	1.080	1.073	1.054	0.999	0.853	0.569
Arkansas Nuclear Unit 1	H08		BW 15x15	3.21	15	1.24	B4C	32528	0.650	0.934	1.049	1.068	1.096	1.067	1.077	1.070	1.067	1.070	1.081	1.087	1.086	1.083	1.067	1.020	0.858	0.528
Arkansas Nuclear Unit 1	H11		BW 15x15	3.21	15	1.24	B4C	32528	0.646	0.928	1.041	1.079	1.086	1.078	1.069	1.063	1.061	1.065	1.075	1.081	1.081	1.076	1.061	1.017	0.890	0.606

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Arkansas Nuclear Unit 1	F13	Mk-B4	BW 15x15	3.19	0			32534	0.623	0.931	1.038	1.067	1.075	1.078	1.080	1.082	1.085	1.087	1.088	1.087	1.084	1.077	1.057	1.007	0.873	0.581
Arkansas Nuclear Unit 1	F12	Mk-B4	BW 15x15	3.19	15	1.02	B4C	32555	0.638	0.934	1.050	1.084	1.088	1.084	1.082	1.086	1.094	1.102	1.106	1.110	1.107	1.095	1.088	0.991	0.796	0.486
Arkansas Nuclear Unit 1	L01	Mk-B8	BW 15x15	3.49	15	0.69	B4C	32617	0.643	0.936	1.047	1.083	1.092	1.091	1.086	1.081	1.078	1.075	1.073	1.071	1.069	1.062	1.046	0.996	0.879	0.591
Arkansas Nuclear Unit 1	G03		BW 15x15	2.95	0			32708	0.609	0.914	1.036	1.079	1.094	1.096	1.090	1.083	1.078	1.076	1.078	1.083	1.086	1.082	1.084	1.013	0.871	0.569
Arkansas Nuclear Unit 1	H04		BW 15x15	3.21	15	1.24	B4C	32906	0.644	0.931	1.052	1.094	1.102	1.089	1.071	1.056	1.049	1.052	1.066	1.078	1.082	1.078	1.080	1.012	0.864	0.600
Arkansas Nuclear Unit 1	I03		BW 15x15	3.30	0			32914	0.610	0.912	1.028	1.068	1.081	1.086	1.089	1.090	1.091	1.089	1.086	1.083	1.080	1.074	1.058	1.011	0.881	0.582
Arkansas Nuclear Unit 1	J06		BW 15x15	3.35	15	1.06	B4C	32936	0.657	0.937	1.043	1.077	1.086	1.083	1.071	1.059	1.054	1.053	1.057	1.066	1.074	1.071	1.056	1.015	0.912	0.629
Arkansas Nuclear Unit 1	H03		BW 15x15	3.21	15	1.24	B4C	33018	0.652	0.937	1.054	1.096	1.106	1.098	1.077	1.056	1.044	1.042	1.050	1.066	1.077	1.077	1.062	1.018	0.889	0.601
Arkansas Nuclear Unit 1	I12		BW 15x15	3.30	15	0.91	B4C	33051	0.648	0.938	1.057	1.099	1.110	1.104	1.084	1.064	1.054	1.052	1.059	1.077	1.088	1.086	1.089	1.020	0.867	0.524
Arkansas Nuclear Unit 1	C04		BW 15x15	3.05	0			33061	0.643	0.956	1.043	1.052	1.052	1.052	1.058	1.072	1.083	1.089	1.091	1.092	1.092	1.088	1.070	1.014	0.874	0.577
Arkansas Nuclear Unit 1	C01		BW 15x15	3.05	0			33138	0.678	1.000	1.083	1.083	1.078	1.076	1.078	1.082	1.085	1.088	1.088	1.086	1.081	1.070	1.040	0.962	0.813	0.531
Arkansas Nuclear Unit 1	E09		BW 15x15	3.01	0			33249	0.611	0.916	1.031	1.069	1.081	1.085	1.088	1.092	1.097	1.100	1.102	1.102	1.100	1.091	1.066	1.001	0.840	0.528
Arkansas Nuclear Unit 1	J04		BW 15x15	3.35	15	1.01	B4C	33451	0.651	0.934	1.047	1.087	1.097	1.094	1.083	1.072	1.066	1.064	1.065	1.071	1.073	1.067	1.049	0.999	0.863	0.589
Arkansas Nuclear Unit 1	L07	Mk-B8	BW 15x15	3.49	0			33651	0.617	0.926	1.040	1.077	1.088	1.089	1.088	1.087	1.088	1.085	1.084	1.082	1.080	1.073	1.057	1.003	0.867	0.572
Arkansas Nuclear Unit 1	F15	Mk-B4	BW 15x15	3.19	0			33708	0.619	0.930	1.035	1.064	1.072	1.074	1.076	1.078	1.080	1.084	1.087	1.089	1.089	1.084	1.086	1.013	0.880	0.581
Arkansas Nuclear Unit 1	M09	Mk-B8	BW 15x15	3.48	15		B4C	33710	0.642	0.948	1.062	1.098	1.107	1.107	1.103	1.099	1.096	1.094	1.091	1.089	1.084	1.076	1.052	0.996	0.783	0.472
Arkansas Nuclear Unit 1	F06	Mk-B4	BW 15x15	3.19	15	0.71	B4C	34102	0.637	0.926	1.035	1.067	1.075	1.076	1.078	1.083	1.089	1.093	1.095	1.095	1.092	1.083	1.059	0.996	0.853	0.566
Arkansas Nuclear Unit 1	M06	Mk-B8	BW 15x15	3.48	15	0.69	B4C	34273	0.647	0.940	1.052	1.088	1.097	1.096	1.089	1.084	1.081	1.078	1.076	1.074	1.070	1.063	1.045	0.988	0.857	0.573
Arkansas Nuclear Unit 1	F04	Mk-B4	BW 15x15	3.19	15	1.02	B4C	34288	0.646	0.937	1.049	1.080	1.079	1.086	1.057	1.058	1.086	1.079	1.094	1.102	1.100	1.090	1.084	1.000	0.859	0.575
Arkansas Nuclear Unit 1	K03	Mk-B6	BW 15x15	3.45	15	1.2	B4C	34428	0.642	0.926	1.041	1.081	1.092	1.093	1.091	1.090	1.089	1.086	1.082	1.076	1.069	1.062	1.045	0.989	0.867	0.578
Arkansas Nuclear Unit 1	J05		BW 15x15	3.35	15	0.17	B4C	34520	0.631	0.922	1.033	1.070	1.080	1.083	1.084	1.084	1.083	1.082	1.081	1.079	1.076	1.070	1.054	1.008	0.885	0.595
Arkansas Nuclear Unit 1	I05		BW 15x15	3.30	15	0.91	B4C	34782	0.649	0.931	1.044	1.083	1.094	1.090	1.074	1.057	1.048	1.045	1.051	1.068	1.076	1.074	1.060	1.021	0.915	0.622
Arkansas Nuclear Unit 1	K07	Mk-B6	BW 15x15	3.45	15	1.2	B4C	34823	0.635	0.923	1.039	1.079	1.090	1.091	1.089	1.088	1.088	1.086	1.082	1.077	1.072	1.065	1.049	0.994	0.873	0.581
Arkansas Nuclear Unit 1	F05	Mk-B4	BW 15x15	3.19	0			35159	0.631	0.938	1.050	1.086	1.094	1.092	1.086	1.082	1.081	1.083	1.086	1.088	1.085	1.076	1.050	0.988	0.847	0.558
Arkansas Nuclear Unit 1	J08		BW 15x15	3.35	15	1.06	B4C	35180	0.644	0.932	1.049	1.091	1.101	1.096	1.083	1.070	1.065	1.064	1.067	1.077	1.081	1.076	1.055	0.999	0.870	0.579
Arkansas Nuclear Unit 1	I02		BW 15x15	3.30	15	1.16	B4C	35305	0.650	0.933	1.048	1.089	1.099	1.094	1.078	1.061	1.051	1.048	1.054	1.068	1.078	1.078	1.060	1.015	0.899	0.600
Arkansas Nuclear Unit 1	G11		BW 15x15	2.95	15	0.71	B4C	35332	0.624	0.916	1.031	1.067	1.074	1.068	1.063	1.062	1.065	1.073	1.085	1.091	1.093	1.089	1.074	1.027	0.895	0.601
Arkansas Nuclear Unit 1	G04		BW 15x15	2.95	15	0.98	B4C	35420	0.680	0.957	1.076	1.117	1.128	1.114	1.034	0.977	0.969	0.972	0.983	1.066	1.117	1.118	1.101	1.051	0.913	0.616
Arkansas Nuclear Unit 1	I01		BW 15x15	3.30	15	1.16	B4C	35540	0.635	0.917	1.032	1.074	1.088	1.093	1.094	1.092	1.089	1.086	1.084	1.084	1.083	1.077	1.061	1.014	0.867	0.531
Arkansas Nuclear Unit 1	I13		BW 15x15	3.30	15		B4C	35573	0.629	0.921	1.035	1.074	1.085	1.086	1.085	1.084	1.083	1.082	1.080	1.078	1.076	1.070	1.054	1.008	0.862	0.589
Arkansas Nuclear Unit 1	K05	Mk-B6	BW 15x15	3.45	15	1.2	B4C	35647	0.647	0.927	1.034	1.068	1.077	1.079	1.078	1.079	1.079	1.078	1.075	1.072	1.069	1.064	1.052	1.007	0.901	0.615
Arkansas Nuclear Unit 1	F07	Mk-B4	BW 15x15	3.19	15	0.71	B4C	35663	0.639	0.932	1.043	1.076	1.082	1.081	1.082	1.086	1.092	1.097	1.100	1.101	1.099	1.090	1.068	1.001	0.822	0.512
Arkansas Nuclear Unit 1	E11		BW 15x15	3.01	0			35693	0.619	0.926	1.041	1.075	1.075	1.064	1.056	1.059	1.069	1.084	1.099	1.108	1.106	1.099	1.074	1.010	0.866	0.570
Arkansas Nuclear Unit 1	K01	Mk-B6	BW 15x15	3.45	15	1.17	B4C	35720	0.637	0.921	1.035	1.074	1.085	1.088	1.089	1.089	1.089	1.087	1.083	1.078	1.073	1.066	1.048	0.995	0.877	0.588
Arkansas Nuclear Unit 1	I04		BW 15x15	3.30	15	1.16	B4C	35752	0.636	0.918	1.032	1.073	1.085	1.087	1.082	1.076	1.072	1.070	1.071	1.076	1.079	1.075	1.060	1.016	0.897	0.598
Arkansas Nuclear Unit 1	E07		BW 15x15	3.01	0			35815	0.616	0.919	1.033	1.068	1.074	1.072	1.072	1.076	1.083	1.091	1.098	1.101	1.100	1.091	1.065	1.004	0.865	0.572
Arkansas Nuclear Unit 1	I06		BW 15x15	3.30	15	0.66	B4C	35829	0.631	0.917	1.027	1.064	1.077	1.082	1.084	1.085	1.084	1.082	1.080	1.079	1.077	1.073	1.059	1.015	0.882	0.592
Arkansas Nuclear Unit 1	J07		BW 15x15	3.35	15	0.17	B4C	35832	0.642	0.936	1.050	1.088	1.097	1.094	1.081	1.069	1.063	1.061	1.064	1.073	1.076	1.071	1.053	1.004	0.881	0.594
Arkansas Nuclear Unit 1	E01		BW 15x15	3.01	0			36067	0.657	0.963	1.044	1.065	1.069	1.066	1.065	1.068	1.074	1.081	1.087	1.091	1.091	1.084	1.082	1.005	0.859	0.589
Arkansas Nuclear Unit 1	F09	Mk-B4	BW 15x15	3.19	15	0.71	B4C	36126	0.650	0.957	1.080	1.121	1.115	1.042	1.000	0.992	0.993	1.016	1.101	1.120	1.120	1.111	1.086	1.024	0.882	0.587
Arkansas Nuclear Unit 1	L02	Mk-B8	BW 15x15	3.49	15	0.94	B4C	36248	0.646	0.935	1.045	1.080	1.089	1.089	1.084	1.080	1.078	1.076	1.075	1.073	1.071	1.065	1.050	0.999	0.878	0.586
Arkansas Nuclear Unit 1	H07		BW 15x15	3.21	15	0.44	B4C	36717	0.635	0.930	1.048	1.068	1.095	1.086	1.073	1.064	1.060	1.063	1.074	1.083	1.085	1.079	1.059	1.009	0.878	0.590
Arkansas Nuclear Unit 1	I07		BW 15x15	3.30	15	1.16	B4C	36741	0.657	0.942	1.056	1.096	1.106	1.090	1.061	1.048	1.043	1.041	1.045	1.055	1.061	1.065	1.064	1.027	0.921	0.628
Arkansas Nuclear Unit 1	F11	Mk-B4	BW 15x15	3.19	15	0.71	B4C	36810	0.634	0.926	1.037	1.070	1.074	1.071	1.069	1.073	1.081	1.088	1.094	1.097	1.094	1.085	1.060	1.000	0.865	0.581
Arkansas Nuclear Unit 1	M01	Mk-B8	BW 15x15	3.48	15	1.2	B4C	36863	0.657	0.938	1.041	1.073	1.081	1.082	1.080	1.078	1.077	1.076	1.075	1.073	1.071	1.065	1.049	1.000	0.883	0.601
Arkansas Nuclear Unit 1	H05		BW 15x15	3.21	15	0.18	B4C	36891	0.654	0.960	1.080	1.120	1.130	1.119	1.052	0.991	0.981	0.980	0.994	1.077	1.106	1.106	1.090	1.040	0.907	0.608
Arkansas Nuclear Unit 1	K11	Mk-B6	BW 15x15	3.45	15	1.2	B4C	36923	0.639	0.923	1.032	1.068	1.078	1.080	1.080	1.081	1.082	1.081	1.079	1.076	1.072	1.066	1.055	1.007	0.895	0.605
Arkansas Nuclear Unit 1	H02		BW 15x15	3.21	15	0.98	B4C	36957	0.631	0.915	1.027	1.065	1.081	1.088	1.091	1.092	1.091	1.088	1.085	1.082	1.079	1.074	1.057	1.008	0.889	0.577
Arkansas Nuclear Unit 1	G08		BW 15x15	2.95	15	0.71	B4C	37053	0.630	0.922	1.041	1.080	1.087	1.076	1.063	1.055	1.054	1.061	1.074	1.086	1.091	1.087	1.070	1.024	0.896	0.602
Arkansas Nuclear Unit 1	M02	Mk-B8	BW 15x15	3.48	15	0.94	B4C	37431	0.656	0.939	1.044	1.077	1.085	1.086	1.083	1.080	1.077	1.076	1.074	1.073	1.070	1.063	1.046	0.998	0.876	0.589
Arkansas Nuclear Unit 1	M05	Mk-B8	BW 15x15	3.48	15	0.94	B4C	37618	0.675	0.962	1.066	1.102	1.110	1.106	1.074	1.062	1.059	1.056	1.055	1.053	1.050	1.044	1.041	0.998	0.880	0.604
Arkansas Nuclear Unit 1	J09		BW 15x15	3.35	15	0.17	B4C	36001	0.643	0.939	1.055	1.095	1.105	1.103	1.086	1.076	1.073	1.071	1.068	1.065	1.061	1.055	1.044	1.000	0.874	0.585
Arkansas Nuclear Unit 1	J03		BW 15x15	3.35	15	1.04	B4C	36557	0.651	0.930	1.034	1.069	1.079	1.082	1.082	1.081	1.079	1.077	1.075	1.072	1.070	1.064	1.049	1.006	0.893	0.609
Arkansas Nuclear Unit 1	L01	Mk-B8	BW 15x15	3.49	15	0.69	B4C	36737	0.646	0.935	1.042	1.076	1.085	1.085	1.082	1.079	1.077	1.075	1.074	1.073	1.071	1.065	1.050	1.001	0.885	0.598
Arkansas Nuclear Unit 1	H08		BW 15x15	3.21	15	0.98	B4C	36738	0.648	0.935	1.048	1.086	1.094	1.087	1.079	1.074	1.073	1.076	1.086	1.091	1.090	1.084	1.065	1.013	0.850	0.523
Arkansas Nuclear Unit 1	L05	Mk-B8	BW 15x15	3.49	15	0.94	B4C	36835	0.644	0.931	1.037	1.070	1.078	1.079	1.077	1.075	1.074	1.074	1.074	1.074	1.073	1.069	1.056	1.010	0.897	0.609
Arkansas Nuclear Unit 1	K06	Mk-B6	BW 15x15	3.45	15	0.69	B4C	36969	0.638	0.927	1.037	1.075	1.085	1.084	1.082	1.081	1.080	1.079	1.077	1.074	1.071	1.066	1.052	1.003	0.889	0.601
Arkansas Nuclear Unit 1	L06	Mk-B8	BW 15x15	3.49	15	0.94	B4C	39457	0.650	0.935	1.038	1.071	1.081	1.082	1.079	1.077	1.075	1.075	1.074	1.074	1.072	1.067	1.054	1.007	0.890	0.599
Arkansas Nuclear Unit 1	I09		BW 15x15	3.30	15	1.16	B4C	39457	0.649	0.931	1.042	1.079	1.089	1.085	1.071	1.060	1.055	1.055	1.060	1.072	1.078	1.076	1.061	1.020	0.907	0.612
Arkansas Nuclear Unit 1	K02	Mk-B6	BW 15x15	3.45	15	1.17	B4C	39782	0.655	0.942	1.051	1.088	1.097	1.093	1.072	1.066	1.066	1.064	1.062	1.059	1.055	1.052	1.050	1.006	0.903	0.617
Arkansas Nuclear Unit 1	H13		BW 15x15	3.21	15	0.98	B4C	39800	0.646	0.932	1.046	1.084	1.091	1.082	1.070	1.062	1.059	1.062	1.074	1.082	1.084	1.078	1.060	1.011	0.881	0.587
Arkansas Nuclear Unit 1	L03	Mk-B8	BW 15x15	3.49	15	0.43	B4C	39856	0.649	0.937	1.042	1.076	1.085	1.085	1.083	1.080	1.078	1.076	1.075	1.073	1.071	1.064	1.049	0.999	0.880	0.599
Arkansas Nuclear Unit 1	K10	Mk-B6	BW 15x15	3.45	15	1.2	B4C	39875	0.649	0.932	1.040	1.076	1.086	1.085	1.082	1.079	1.078	1.076	1.073	1.070	1.066	1.061	1.047	0.999	0.893	0.609
Arkansas Nuclear Unit 1	K09	Mk-B6	BW 15x15	3.45	0			41125	0.638	0.938	1.046	1.081	1.091	1.093	1.093	1.093	1.092	1.091	1.088	1.085	1.081	1.074	1.059	1.006	0.840	0.513
Arkansas Nuclear Unit 1	L10	Mk-B8	BW 15x15	3.49	15	0.94	B4C	41243	0.654	0.934	1.034	1.066	1.075	1.076	1.074	1.072	1.071	1.071	1.070	1.070	1.068	1.064	1.052	1.011	0.909	0.629
Arkansas Nuclear Unit 1	K08	Mk-B6	BW 15x15	3.45	0			41286	0.636	0.933	1.037	1.071	1.081	1.082	1.081	1.081	1.080	1.079	1.078	1.076	1.073	1.068	1.054	1.008	0.886	0.595
Arkansas Nuclear Unit 1	I08		BW 15x15	3.30	15	0.66	B4C	41378	0.646	0.933	1.044	1.083	1.094	1.093	1.083	1.074	1.070	1.069	1.072	1.080	1.084	1.080	1.063	1.017	0.865	0.551

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Arkansas Nuclear Unit 1	H10		BW 15x15	3.21	15	0.18	B4C	41965	0.638	0.931	1.045	1.084	1.094	1.091	1.079	1.067	1.060	1.059	1.065	1.075	1.081	1.078	1.062	1.014	0.885	0.583
Arkansas Nuclear Unit 1	I14		BW 15x15	3.30	15	0.66	B4C	42106	0.645	0.930	1.042	1.081	1.091	1.088	1.077	1.067	1.062	1.061	1.063	1.071	1.075	1.071	1.056	1.012	0.897	0.609
Arkansas Nuclear Unit 1	L04	Mk-B8	BW 15x15	3.49	15	0.94	B4C	42788	0.659	0.940	1.041	1.073	1.082	1.083	1.079	1.076	1.074	1.072	1.071	1.069	1.066	1.060	1.046	0.999	0.883	0.618
Arkansas Nuclear Unit 1	J01		BW 15x15	3.35	15	1.16	B4C	43223	0.656	0.931	1.028	1.058	1.068	1.071	1.072	1.072	1.072	1.072	1.071	1.070	1.069	1.065	1.054	1.018	0.917	0.636
Arkansas Nuclear Unit 1	J02		BW 15x15	3.35	15	1.16	B4C	43275	0.659	0.937	1.039	1.073	1.083	1.087	1.087	1.087	1.087	1.085	1.082	1.079	1.075	1.069	1.052	1.006	0.860	0.553
Arkansas Nuclear Unit 1	J06		BW 15x15	3.35	15	1.06	B4C	43545	0.659	0.939	1.044	1.079	1.089	1.088	1.080	1.071	1.067	1.066	1.068	1.074	1.077	1.072	1.057	1.013	0.879	0.579
Arkansas Nuclear Unit 1	J10		BW 15x15	3.35	15	1.06	B4C	44069	0.660	0.941	1.049	1.086	1.096	1.094	1.084	1.074	1.069	1.067	1.068	1.074	1.075	1.070	1.053	1.005	0.866	0.567
Arkansas Nuclear Unit 1	G09		BW 15x15	2.95	15	0.44	B4C	44805	0.635	0.933	1.046	1.083	1.088	1.074	1.058	1.048	1.047	1.055	1.072	1.086	1.092	1.089	1.072	1.023	0.893	0.605
Arkansas Nuclear Unit 1	J04		BW 15x15	3.35	15	1.01	B4C	45406	0.656	0.935	1.040	1.076	1.086	1.085	1.078	1.070	1.067	1.065	1.065	1.069	1.070	1.065	1.049	1.005	0.898	0.620
Arkansas Nuclear Unit 1	L09	Mk-B8	BW 15x15	3.49	15	0.94	B4C	45413	0.655	0.939	1.042	1.074	1.083	1.084	1.082	1.080	1.079	1.078	1.078	1.077	1.075	1.070	1.056	1.012	0.873	0.562
Arkansas Nuclear Unit 1	K04	Mk-B6	BW 15x15	3.45	15	0.17	B4C	46158	0.649	0.938	1.043	1.079	1.089	1.091	1.090	1.089	1.088	1.086	1.085	1.082	1.079	1.072	1.054	1.005	0.841	0.541
Arkansas Nuclear Unit 1	K12	Mk-B6	BW 15x15	3.45	15	0.17	B4C	46965	0.647	0.935	1.040	1.075	1.086	1.087	1.084	1.082	1.080	1.079	1.076	1.074	1.070	1.064	1.047	0.997	0.879	0.600
Arkansas Nuclear Unit 1	G09		BW 15x15	2.95	15	0.44	B4C	54170	0.640	0.931	1.037	1.071	1.077	1.069	1.059	1.053	1.053	1.060	1.073	1.084	1.089	1.086	1.071	1.026	0.902	0.619

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/MT)	Fraction of Core Height / Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Almaraz 1	E22	E00	WE 17x17	2.60	0			5589	0.802	0.917	1.059	1.110	1.125	1.127	1.124	1.119	1.113	1.108	1.097	1.088	1.075	1.058	1.028	0.957	0.801	0.498
Almaraz 1	D22	D00	WE 17x17	2.60	0			6091	0.822	0.942	1.078	1.114	1.115	1.105	1.095	1.088	1.078	1.071	1.066	1.063	1.063	1.062	1.051	1.002	0.852	0.534
Almaraz 1	E13	E00	WE 17x17	2.60	0			6373	0.597	0.923	1.079	1.135	1.151	1.150	1.142	1.133	1.122	1.111	1.098	1.084	1.068	1.045	1.006	0.926	0.764	0.466
Almaraz 1	E41	E00	WE 17x17	2.60	0			6473	0.613	0.926	1.085	1.113	1.126	1.128	1.124	1.119	1.112	1.105	1.096	1.085	1.072	1.053	1.020	0.951	0.797	0.496
Almaraz 1	D40	D00	WE 17x17	2.60	0			6475	0.610	0.936	1.088	1.135	1.141	1.133	1.121	1.109	1.097	1.087	1.077	1.069	1.062	1.051	1.027	0.981	0.801	0.492
Almaraz 1	D24	D00	WE 17x17	2.60	0			6496	0.639	0.953	1.076	1.103	1.099	1.088	1.079	1.071	1.065	1.060	1.057	1.057	1.060	1.065	1.062	1.023	0.882	0.562
Almaraz 1	X40	X00	WE 17x17	2.60	0			6690	0.589	0.911	1.064	1.120	1.135	1.135	1.129	1.122	1.115	1.107	1.100	1.091	1.081	1.063	1.027	0.950	0.784	0.478
Almaraz 1	X22	X00	WE 17x17	2.60	0			6871	0.597	0.915	1.061	1.113	1.126	1.126	1.120	1.114	1.106	1.102	1.097	1.091	1.082	1.066	1.033	0.960	0.796	0.491
Almaraz 1	X39	X00	WE 17x17	2.60	0			6936	0.606	0.918	1.054	1.100	1.112	1.113	1.109	1.105	1.100	1.097	1.093	1.089	1.082	1.070	1.042	0.975	0.820	0.514
Almaraz 1	E40	E00	WE 17x17	2.60	0			7568	0.609	0.932	1.063	1.136	1.152	1.151	1.143	1.132	1.121	1.108	1.095	1.080	1.062	1.038	0.990	0.923	0.764	0.470
Almaraz 1	D28	D00	WE 17x17	2.60	0			7713	0.624	0.949	1.094	1.136	1.142	1.133	1.121	1.108	1.095	1.084	1.074	1.064	1.055	1.044	1.020	0.956	0.801	0.497
Almaraz 1	X28	X00	WE 17x17	2.60	0			7875	0.600	0.916	1.067	1.121	1.135	1.135	1.129	1.121	1.113	1.105	1.097	1.088	1.076	1.058	1.022	0.947	0.785	0.484
Almaraz 1	E10	E00	WE 17x17	2.60	0			8391	0.625	0.941	1.079	1.125	1.136	1.134	1.128	1.120	1.111	1.101	1.090	1.077	1.061	1.041	1.008	0.940	0.790	0.495
Almaraz 1	D17	D00	WE 17x17	2.60	0			8554	0.642	0.950	1.090	1.123	1.122	1.111	1.099	1.088	1.078	1.069	1.062	1.056	1.052	1.049	1.036	0.986	0.842	0.535
Almaraz 1	C49	C00	WE 17x17	3.10	0			9231	0.563	0.890	1.065	1.139	1.163	1.165	1.160	1.152	1.145	1.139	1.133	1.125	1.112	1.083	1.022	0.899	0.676	0.370
Almaraz 1	X13	X00	WE 17x17	2.60	0			9504	0.618	0.931	1.070	1.117	1.128	1.128	1.120	1.112	1.105	1.098	1.091	1.083	1.072	1.055	1.023	0.953	0.798	0.500
Almaraz 1	C12	C00	WE 17x17	3.10	0			9617	0.556	0.881	1.056	1.131	1.156	1.158	1.153	1.145	1.138	1.131	1.125	1.118	1.104	1.076	1.020	0.913	0.719	0.419
Almaraz 1	H60	HH00	WE 17x17	3.60	0			9992	0.622	0.925	1.054	1.096	1.107	1.106	1.102	1.098	1.094	1.090	1.087	1.084	1.080	1.070	1.045	0.982	0.833	0.527
Almaraz 1	G01	GL00	WE 17x17	3.38	0			10122	0.607	0.912	1.047	1.095	1.108	1.109	1.108	1.103	1.099	1.096	1.094	1.092	1.088	1.076	1.048	0.980	0.823	0.517
Almaraz 1	D09	D00	WE 17x17	2.60	0			10215	0.659	0.972	1.097	1.128	1.125	1.114	1.101	1.089	1.078	1.068	1.058	1.050	1.044	1.030	1.025	0.977	0.836	0.539
Almaraz 1	E21	E00	WE 17x17	2.60	0			10222	0.644	0.956	1.089	1.132	1.141	1.138	1.130	1.120	1.110	1.098	1.084	1.068	1.051	1.029	0.995	0.930	0.765	0.500
Almaraz 1	C01	C00	WE 17x17	3.10	0			10529	0.569	0.881	1.054	1.128	1.152	1.155	1.149	1.142	1.135	1.129	1.124	1.116	1.104	1.077	1.023	0.918	0.727	0.427
Almaraz 1	X09	X00	WE 17x17	2.60	0			11066	0.635	0.943	1.074	1.117	1.126	1.124	1.117	1.109	1.102	1.094	1.086	1.077	1.065	1.048	1.017	0.952	0.804	0.511
Almaraz 1	C41	C00	WE 17x17	3.10	0			11428	0.579	0.904	1.073	1.144	1.166	1.167	1.161	1.153	1.145	1.138	1.132	1.124	1.110	1.082	1.021	0.896	0.658	0.348
Almaraz 1	G46	GH00	WE 17x17	3.60	0			12106	0.616	0.916	1.047	1.093	1.105	1.106	1.104	1.100	1.097	1.094	1.092	1.089	1.085	1.074	1.046	0.980	0.829	0.528
Almaraz 1	H56	HH00	WE 17x17	3.60	0			13474	0.619	0.925	1.060	1.105	1.116	1.114	1.109	1.104	1.098	1.094	1.090	1.085	1.078	1.065	1.037	0.980	0.815	0.516
Almaraz 1	C17	C00	WE 17x17	3.10	0			13551	0.573	0.895	1.065	1.136	1.158	1.160	1.153	1.145	1.137	1.130	1.123	1.114	1.100	1.071	1.014	0.905	0.709	0.413
Almaraz 1	A01	A00	WE 17x17	2.10	0			13801	0.568	0.889	1.058	1.129	1.152	1.154	1.148	1.141	1.133	1.127	1.122	1.114	1.101	1.075	1.021	0.916	0.726	0.426
Almaraz 1	G18	GL00	WE 17x17	3.38	0			14140	0.628	0.923	1.048	1.091	1.103	1.103	1.100	1.097	1.093	1.091	1.089	1.086	1.081	1.070	1.044	0.981	0.834	0.536
Almaraz 1	A34	A00	WE 17x17	2.10	0			14699	0.582	0.920	1.068	1.157	1.178	1.179	1.173	1.165	1.157	1.151	1.144	1.136	1.122	1.083	1.033	0.912	0.575	0.225
Almaraz 1	H25	HL00	WE 17x17	3.38	0			14792	0.628	0.928	1.057	1.099	1.109	1.108	1.103	1.096	1.094	1.090	1.087	1.083	1.077	1.066	1.040	0.976	0.828	0.530
Almaraz 1	C34	C12	WE 17x17	3.10	12		B4C	15053	0.561	0.887	1.065	1.139	1.163	1.164	1.158	1.149	1.140	1.133	1.125	1.116	1.100	1.070	1.012	0.901	0.705	0.412
Almaraz 1	C50	C16	WE 17x17	3.10	16		B4C	15171	0.570	0.896	1.073	1.146	1.169	1.170	1.163	1.154	1.146	1.138	1.131	1.122	1.107	1.076	1.015	0.892	0.696	0.365
Almaraz 1	G37	GH08	WE 17x17	3.60	8		B4C	15209	0.625	0.920	1.051	1.096	1.108	1.108	1.105	1.101	1.097	1.094	1.091	1.088	1.082	1.070	1.041	0.975	0.821	0.527
Almaraz 1	H37	HL04	WE 17x17	3.38	4		B4C	15394	0.640	0.937	1.063	1.103	1.112	1.108	1.104	1.098	1.093	1.088	1.084	1.079	1.072	1.060	1.033	0.970	0.823	0.530
Almaraz 1	J59	JH00	WE 17x17	3.95	0			15489	0.632	0.937	1.066	1.108	1.116	1.113	1.108	1.100	1.094	1.089	1.084	1.079	1.072	1.060	1.033	0.969	0.820	0.523
Almaraz 1	E22	E00	WE 17x17	2.60	0			15965	0.635	0.937	1.063	1.105	1.115	1.114	1.110	1.104	1.099	1.093	1.087	1.080	1.070	1.056	1.027	0.964	0.816	0.523
Almaraz 1	K27	K716	WE 17x17	0.00	16		B4C	16033	0.636	0.936	1.062	1.100	1.107	1.104	1.096	1.093	1.088	1.084	1.080	1.077	1.072	1.063	1.041	0.982	0.836	0.539
Almaraz 1	B28	B16	WE 17x17	2.60	16		B4C	16068	0.562	0.889	1.065	1.138	1.161	1.162	1.156	1.148	1.140	1.133	1.127	1.118	1.103	1.073	1.014	0.902	0.702	0.407
Almaraz 1	D39	D00	WE 17x17	2.60	0			16115	0.652	0.955	1.075	1.109	1.113	1.108	1.102	1.095	1.088	1.081	1.074	1.066	1.058	1.047	1.027	0.974	0.836	0.539
Almaraz 1	D22	D00	WE 17x17	2.60	0			16345	0.658	0.955	1.070	1.103	1.108	1.105	1.099	1.094	1.088	1.081	1.074	1.066	1.058	1.047	1.027	0.976	0.842	0.549
Almaraz 1	B42	B16	WE 17x17	2.60	16		B4C	16366	0.561	0.887	1.062	1.134	1.158	1.160	1.154	1.146	1.139	1.133	1.127	1.118	1.104	1.075	1.017	0.906	0.706	0.411
Almaraz 1	Q59	Q700	WE 17x17	0.00	0			16549	0.648	0.951	1.073	1.106	1.112	1.107	1.100	1.093	1.087	1.081	1.076	1.071	1.064	1.054	1.031	0.974	0.833	0.538
Almaraz 1	D40	D00	WE 17x17	2.60	0			16626	0.661	0.953	1.065	1.097	1.102	1.100	1.096	1.091	1.086	1.081	1.074	1.067	1.059	1.049	1.030	0.980	0.849	0.558
Almaraz 1	A03	A00	WE 17x17	2.10	0			16720	0.582	0.901	1.064	1.131	1.152	1.154	1.148	1.141	1.134	1.128	1.123	1.115	1.102	1.075	1.019	0.910	0.711	0.412
Almaraz 1	H45	HL08	WE 17x17	3.38	8		B4C	16754	0.640	0.928	1.050	1.088	1.096	1.097	1.094	1.091	1.088	1.086	1.084	1.082	1.078	1.069	1.046	0.987	0.843	0.552
Almaraz 1	J49	JH08	WE 17x17	3.95	8		B4C	16869	0.634	0.939	1.070	1.111	1.118	1.114	1.106	1.101	1.094	1.089	1.083	1.076	1.070	1.058	1.031	0.966	0.816	0.522
Almaraz 1	G25	GL24	WE 17x17	3.38	24		B4C	16922	0.610	0.889	1.019	1.065	1.081	1.086	1.088	1.089	1.091	1.094	1.097	1.099	1.100	1.094	1.072	1.009	0.855	0.560
Almaraz 1	A29	A00	WE 17x17	2.10	0			17191	0.578	0.896	1.060	1.127	1.148	1.150	1.145	1.138	1.132	1.127	1.122	1.115	1.102	1.075	1.021	0.915	0.723	0.425
Almaraz 1	A07	A00	WE 17x17	2.10	0			17212	0.579	0.897	1.060	1.127	1.148	1.150	1.146	1.139	1.133	1.128	1.124	1.117	1.104	1.078	1.024	0.915	0.715	0.415
Almaraz 1	G33	GH12	WE 17x17	3.60	12		B4C	17288	0.629	0.915	1.042	1.085	1.097	1.098	1.096	1.094	1.092	1.091	1.090	1.088	1.084	1.075	1.050	0.988	0.838	0.548
Almaraz 1	H47	HL12	WE 17x17	3.38	12		B4C	17338	0.624	0.918	1.052	1.097	1.109	1.108	1.104	1.100	1.097	1.094	1.091	1.087	1.081	1.070	1.042	0.976	0.821	0.529
Almaraz 1	E13	E00	WE 17x17	2.60	0			17568	0.648	0.943	1.083	1.101	1.110	1.108	1.105	1.100	1.094	1.089	1.083	1.077	1.067	1.053	1.027	0.967	0.827	0.536
Almaraz 1	C49	C00	WE 17x17	3.10	0			17662	0.629	0.935	1.069	1.113	1.121	1.117	1.110	1.103	1.096	1.091	1.087	1.083	1.079	1.068	1.040	0.987	0.799	0.494
Almaraz 1	E41	E00	WE 17x17	2.60	0			17686	0.655	0.944	1.057	1.092	1.100	1.101	1.098	1.094	1.090	1.086	1.082	1.075	1.067	1.055	1.032	0.977	0.843	0.553
Almaraz 1	H07	HL16	WE 17x17	3.38	16		B4C	17687	0.646	0.924	1.039	1.072	1.080	1.080	1.079	1.079	1.079	1.080	1.080	1.081	1.081	1.077	1.061	1.011	0.871	0.581
Almaraz 1	B08	B12	WE 17x17	2.60	12		B4C	17700	0.579	0.902	1.068	1.136	1.157	1.158	1.152	1.145	1.138	1.133	1.127	1.119	1.105	1.077	1.020	0.906	0.690	0.388
Almaraz 1	A49	A00	WE 17x17	2.10	0			17770	0.562	0.890	1.058	1.123	1.144	1.146	1.141	1.135	1.130	1.126	1.121	1.115	1.103	1.077	1.024	0.919	0.728	0.430
Almaraz 1	A16	A00	WE 17x17	2.10	0			17779	0.593	0.915	1.077	1.143	1.163	1.166	1.162	1.156	1.151	1.146	1.144	1.138	1.127	1.101	1.046	0.932	0.697	0.241
Almaraz 1	Q07	GL16	WE 17x17	3.38	16		B4C	17942	0.617	0.894	1.017	1.061	1.076	1.081	1.083	1.085	1.088	1.091	1.094	1.097	1.099	1.094	1.073	1.014	0.865	0.571
Almaraz 1	D28	D00	WE 17x17	2.60	0			17958	0.667	0.955	1.060	1.087	1.090	1.087	1.084	1.081	1.077	1.074	1.069	1.064	1.060	1.054	1.040	0.997	0.873	0.581
Almaraz 1	A37	A00	WE 17x17	2.10	0			17984	0.581	0.897	1.057	1.123	1.143	1.146	1.142	1.136	1.131	1.127	1.123	1.118	1.106	1.081	1.026	0.920	0.721	0.420
Almaraz 1	J46	JH04	WE 17x17	3.95	4		B4C	17999	0.647	0.946	1.070	1.108	1.114	1.110	1.103	1.096	1.090	1.085	1.079	1.074	1.067	1.055	1.029	0.988	0.824	0.533
Almaraz 1	A11	A00	WE 17x17	2.10	0			18053	0.574	0.890	1.051	1.117	1.139	1.142	1.136	1.133	1.129	1.126	1.123	1.118	1.108	1.084	1.031	0.926	0.735	0.435
Almaraz 1	B32	B16	WE 17x17	2.60	16		B4C	18066	0.570	0.883	1.060	1.129	1.150	1.152	1.147	1.141	1.135	1.130	1.125	1.118	1.106	1.078	1.022	0.913	0.715	0.417
Almaraz 1	H18	HL16	WE 17x17	3.38	16		B4C	18103	0.638	0.920	1.041	1.080	1.089	1.090	1.089	1.087	1.086	1.086	1.085	1.084	1.082	1.075	1.054	0.997	0.852	0.584
Almaraz 1	E23	E00	WE 17x17	2.60	0			18129	0.660	0.943	1.048	1.079	1.086	1.087	1.086	1.085	1.083	1.081	1.079	1.076	1.071	1.062	1.042	0.993	0.864	0.574

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Almaraz 1	A20	A00	WE 17x17	2.10	0			18134	0.579	0.894	1.054	1.119	1.140	1.143	1.139	1.134	1.130	1.126	1.123	1.118	1.107	1.083	1.030	0.924	0.728	0.428
Almaraz 1	B03	B20	WE 17x17	2.60	20		B4C	18135	0.563	0.887	1.057	1.126	1.148	1.151	1.146	1.141	1.136	1.132	1.128	1.121	1.109	1.083	1.027	0.916	0.714	0.415
Almaraz 1	A39	A00	WE 17x17	2.10	0			18150	0.579	0.894	1.055	1.120	1.141	1.143	1.140	1.136	1.131	1.127	1.124	1.119	1.108	1.084	1.032	0.924	0.723	0.421
Almaraz 1	B04	B16	WE 17x17	2.60	16		B4C	18181	0.572	0.896	1.063	1.131	1.153	1.155	1.151	1.144	1.139	1.134	1.130	1.123	1.110	1.083	1.027	0.912	0.691	0.386
Almaraz 1	B14	B20	WE 17x17	2.60	20		B4C	18266	0.561	0.884	1.054	1.123	1.146	1.148	1.145	1.139	1.135	1.132	1.128	1.123	1.112	1.086	1.031	0.920	0.717	0.416
Almaraz 1	K07	K716	WE 17x17	0.00	16		B4C	18395	0.657	0.948	1.064	1.097	1.102	1.096	1.092	1.087	1.082	1.078	1.074	1.071	1.066	1.056	1.037	0.984	0.849	0.556
Almaraz 1	K17	KH06	WE 17x17	4.10	8		B4C	18403	0.641	0.942	1.068	1.105	1.111	1.107	1.101	1.094	1.089	1.084	1.080	1.075	1.069	1.059	1.035	0.976	0.830	0.535
Almaraz 1	B49	B16	WE 17x17	2.60	16		B4C	18590	0.572	0.894	1.060	1.128	1.149	1.152	1.147	1.142	1.137	1.133	1.130	1.124	1.112	1.087	1.031	0.916	0.696	0.390
Almaraz 1	D24	D00	WE 17x17	2.60	0			18620	0.668	0.952	1.054	1.079	1.081	1.078	1.075	1.073	1.071	1.069	1.068	1.067	1.066	1.063	1.051	1.010	0.884	0.590
Almaraz 1	C24	C00	WE 17x17	3.10	0			18668	0.627	0.930	1.062	1.105	1.113	1.110	1.103	1.096	1.091	1.086	1.083	1.080	1.076	1.067	1.042	0.978	0.826	0.524
Almaraz 1	Q49	Q700	WE 17x17	0.00	0			18937	0.661	0.958	1.075	1.107	1.110	1.104	1.097	1.090	1.084	1.078	1.073	1.067	1.060	1.050	1.028	0.973	0.837	0.548
Almaraz 1	D17	D00	WE 17x17	2.60	0			19123	0.671	0.960	1.067	1.095	1.098	1.094	1.090	1.085	1.080	1.075	1.069	1.063	1.056	1.049	1.033	0.987	0.859	0.569
Almaraz 1	E40	E00	WE 17x17	2.60	0			19207	0.657	0.943	1.054	1.086	1.096	1.096	1.094	1.090	1.087	1.084	1.081	1.076	1.069	1.058	1.035	0.982	0.849	0.561
Almaraz 1	C12	C00	WE 17x17	3.10	0			19219	0.650	0.944	1.061	1.093	1.096	1.091	1.085	1.080	1.076	1.073	1.071	1.070	1.070	1.067	1.051	1.000	0.861	0.561
Almaraz 1	Q39	QL08	WE 17x17	3.60	8		B4C	19335	0.666	0.961	1.075	1.105	1.109	1.103	1.096	1.089	1.083	1.077	1.072	1.066	1.059	1.049	1.027	0.974	0.841	0.552
Almaraz 1	J06	JL12	WE 17x17	3.60	12		B4C	19638	0.641	0.934	1.061	1.101	1.109	1.107	1.101	1.096	1.091	1.087	1.083	1.079	1.073	1.062	1.037	0.974	0.825	0.537
Almaraz 1	E10	E00	WE 17x17	2.60	0			19945	0.661	0.948	1.058	1.090	1.098	1.097	1.094	1.091	1.087	1.083	1.079	1.073	1.066	1.055	1.032	0.980	0.848	0.560
Almaraz 1	C11	C00	WE 17x17	3.10	0			20136	0.651	0.943	1.059	1.091	1.094	1.089	1.083	1.078	1.075	1.072	1.071	1.071	1.071	1.068	1.053	1.003	0.864	0.564
Almaraz 1	J52	JH12	WE 17x17	3.95	12		B4C	20172	0.652	0.953	1.075	1.110	1.115	1.111	1.104	1.097	1.090	1.084	1.078	1.071	1.063	1.051	1.026	0.966	0.822	0.533
Almaraz 1	D09	D00	WE 17x17	2.60	0			20333	0.679	0.965	1.068	1.094	1.095	1.091	1.086	1.082	1.077	1.072	1.066	1.059	1.053	1.047	1.032	0.990	0.866	0.578
Almaraz 1	J07	JL12	WE 17x17	3.60	12		B4C	20512	0.649	0.932	1.052	1.089	1.097	1.095	1.092	1.088	1.085	1.083	1.081	1.079	1.075	1.067	1.045	0.987	0.845	0.559
Almaraz 1	K49	KL12	WE 17x17	3.60	12		B4C	20572	0.649	0.935	1.058	1.095	1.101	1.099	1.094	1.089	1.085	1.082	1.079	1.077	1.073	1.064	1.042	0.985	0.841	0.552
Almaraz 1	C41	C00	WE 17x17	3.10	0			20749	0.650	0.950	1.060	1.089	1.090	1.084	1.079	1.075	1.072	1.072	1.072	1.075	1.078	1.078	1.085	1.010	0.851	0.541
Almaraz 1	J21	JL12	WE 17x17	3.60	12		B4C	20804	0.657	0.934	1.044	1.076	1.083	1.082	1.080	1.078	1.077	1.077	1.076	1.076	1.075	1.070	1.054	1.005	0.871	0.566
Almaraz 1	J08	JL16	WE 17x17	3.60	16		B4C	20955	0.649	0.944	1.060	1.093	1.099	1.097	1.092	1.088	1.085	1.082	1.078	1.074	1.070	1.062	1.041	0.986	0.848	0.555
Almaraz 1	J32	JL12	WE 17x17	3.60	12		B4C	21017	0.653	0.933	1.048	1.083	1.090	1.090	1.087	1.084	1.082	1.081	1.079	1.078	1.075	1.068	1.048	0.994	0.855	0.571
Almaraz 1	Q06	QL08	WE 17x17	3.60	8		B4C	21267	0.650	0.960	1.079	1.111	1.114	1.106	1.100	1.093	1.086	1.080	1.074	1.067	1.059	1.048	1.024	0.968	0.830	0.540
Almaraz 1	U03	U06	WE 17x17	3.60	8		B4C	21300	0.662	0.940	1.053	1.085	1.091	1.089	1.085	1.082	1.079	1.077	1.076	1.074	1.071	1.064	1.046	0.994	0.859	0.573
Almaraz 1	Q52	QL12	WE 17x17	3.60	12		B4C	21587	0.665	0.961	1.075	1.105	1.107	1.101	1.095	1.088	1.083	1.077	1.071	1.065	1.059	1.049	1.028	0.976	0.841	0.554
Almaraz 1	E21	E00	WE 17x17	2.60	0			21646	0.666	0.954	1.065	1.096	1.105	1.104	1.100	1.095	1.090	1.084	1.078	1.071	1.061	1.048	1.023	0.969	0.837	0.553
Almaraz 1	Q07	QL06	WE 17x17	3.60	8		B4C	21658	0.666	0.960	1.072	1.102	1.105	1.100	1.094	1.088	1.083	1.078	1.072	1.067	1.060	1.050	1.029	0.976	0.843	0.556
Almaraz 1	K20	KH12	WE 17x17	4.10	12		B4C	21994	0.662	0.956	1.073	1.104	1.108	1.103	1.096	1.090	1.084	1.079	1.074	1.068	1.062	1.052	1.030	0.975	0.837	0.548
Almaraz 1	A01	A00	WE 17x17	2.10	0			22264	0.816	0.916	1.053	1.104	1.120	1.123	1.120	1.116	1.112	1.107	1.103	1.096	1.086	1.067	1.028	0.949	0.789	0.495
Almaraz 1	Q32	QL12	WE 17x17	3.60	12		B4C	22308	0.664	0.957	1.067	1.095	1.098	1.095	1.089	1.085	1.081	1.077	1.072	1.066	1.062	1.054	1.035	0.985	0.852	0.565
Almaraz 1	K33	KL12	WE 17x17	3.60	12		B4C	22385	0.658	0.928	1.037	1.068	1.074	1.074	1.073	1.073	1.074	1.075	1.076	1.077	1.078	1.076	1.082	1.016	0.883	0.587
Almaraz 1	X13	X00	WE 17x17	2.60	0			22407	0.633	0.925	1.049	1.091	1.102	1.103	1.100	1.096	1.093	1.090	1.087	1.084	1.079	1.068	1.042	0.980	0.836	0.541
Almaraz 1	K59	KL12	WE 17x17	3.60	12		B4C	22534	0.664	0.937	1.048	1.079	1.085	1.083	1.081	1.078	1.077	1.076	1.075	1.074	1.073	1.068	1.051	1.001	0.867	0.563
Almaraz 1	D15	D00	WE 17x17	2.60	0			22684	0.679	0.958	1.066	1.079	1.080	1.076	1.072	1.069	1.066	1.064	1.063	1.062	1.062	1.060	1.050	1.011	0.891	0.589
Almaraz 1	Q21	QL12	WE 17x17	3.60	12		B4C	22696	0.671	0.959	1.062	1.086	1.088	1.084	1.080	1.077	1.074	1.072	1.069	1.066	1.062	1.057	1.042	0.997	0.871	0.583
Almaraz 1	C17	C00	WE 17x17	3.10	0			22754	0.650	0.941	1.058	1.091	1.095	1.091	1.085	1.081	1.077	1.075	1.074	1.074	1.074	1.071	1.053	0.996	0.856	0.556
Almaraz 1	X28	X00	WE 17x17	2.60	0			22800	0.635	0.930	1.056	1.099	1.111	1.110	1.106	1.102	1.097	1.092	1.088	1.083	1.076	1.063	1.034	0.989	0.821	0.525
Almaraz 1	K61	KL16	WE 17x17	3.60	16		B4C	22879	0.661	0.949	1.058	1.086	1.090	1.087	1.083	1.080	1.078	1.076	1.073	1.071	1.068	1.062	1.046	0.996	0.863	0.572
Almaraz 1	A34	A00	WE 17x17	2.10	0			22891	0.630	0.930	1.062	1.109	1.123	1.125	1.124	1.121	1.118	1.115	1.113	1.109	1.101	1.084	1.048	0.966	0.728	0.396
Almaraz 1	X40	X00	WE 17x17	2.60	0			23080	0.635	0.926	1.049	1.082	1.103	1.104	1.101	1.096	1.094	1.091	1.088	1.084	1.079	1.067	1.040	0.977	0.832	0.540
Almaraz 1	K55	KL16	WE 17x17	3.60	16		B4C	23123	0.658	0.949	1.061	1.090	1.094	1.091	1.087	1.083	1.080	1.076	1.074	1.071	1.068	1.061	1.042	0.991	0.855	0.564
Almaraz 1	Q06	QL12	WE 17x17	3.60	12		B4C	23226	0.666	0.958	1.067	1.094	1.096	1.092	1.087	1.083	1.079	1.075	1.071	1.066	1.062	1.054	1.037	0.988	0.857	0.570
Almaraz 1	X22	X00	WE 17x17	2.60	0			23678	0.638	0.926	1.045	1.086	1.097	1.096	1.096	1.093	1.091	1.089	1.087	1.084	1.079	1.069	1.044	0.984	0.842	0.550
Almaraz 1	C01	C00	WE 17x17	3.10	0			23814	0.637	0.931	1.054	1.091	1.097	1.093	1.087	1.083	1.080	1.078	1.077	1.076	1.078	1.074	1.056	0.989	0.853	0.553
Almaraz 1	A29	A00	WE 17x17	2.10	0			23822	0.626	0.920	1.046	1.087	1.096	1.095	1.091	1.088	1.086	1.086	1.086	1.087	1.087	1.082	1.059	0.996	0.843	0.538
Almaraz 1	C50	C16	WE 17x17	3.10	16		B4C	24002	0.639	0.936	1.063	1.103	1.110	1.107	1.101	1.096	1.091	1.086	1.080	1.084	1.081	1.072	1.046	0.977	0.810	0.509
Almaraz 1	C34	C12	WE 17x17	3.10	12		B4C	24278	0.641	0.935	1.058	1.095	1.100	1.096	1.090	1.085	1.081	1.079	1.078	1.077	1.076	1.071	1.051	0.992	0.846	0.549
Almaraz 1	X39	X00	WE 17x17	2.60	0			24361	0.640	0.922	1.038	1.077	1.088	1.090	1.089	1.088	1.087	1.087	1.088	1.085	1.082	1.074	1.052	0.995	0.855	0.564
Almaraz 1	B28	B16	WE 17x17	2.60	16		B4C	24477	0.632	0.929	1.066	1.095	1.101	1.096	1.093	1.088	1.085	1.083	1.082	1.082	1.081	1.075	1.053	0.990	0.838	0.537
Almaraz 1	D37	D00	WE 17x17	2.60	0			24538	0.673	0.951	1.049	1.074	1.077	1.075	1.072	1.069	1.068	1.066	1.066	1.066	1.066	1.064	1.054	1.014	0.893	0.602
Almaraz 1	E13	E00	WE 17x17	2.60	0			24572	0.645	0.932	1.048	1.087	1.096	1.096	1.096	1.093	1.090	1.087	1.084	1.080	1.075	1.064	1.040	0.983	0.846	0.553
Almaraz 1	Q01	QL00	WE 17x17	3.36	0			24759	0.647	0.935	1.053	1.092	1.101	1.100	1.097	1.093	1.089	1.086	1.083	1.080	1.075	1.065	1.041	0.981	0.839	0.544
Almaraz 1	B42	B16	WE 17x17	2.60	16		B4C	24930	0.631	0.929	1.057	1.097	1.105	1.102	1.097	1.092	1.089	1.086	1.085	1.084	1.081	1.073	1.049	0.984	0.830	0.531
Almaraz 1	A37	A00	WE 17x17	2.10	0			25086	0.621	0.920	1.053	1.101	1.113	1.112	1.108	1.104	1.101	1.098	1.096	1.093	1.089	1.077	1.045	0.986	0.802	0.500
Almaraz 1	B08	B12	WE 17x17	2.60	12		B4C	25242	0.626	0.926	1.059	1.108	1.117	1.116	1.111	1.106	1.101	1.096	1.095	1.091	1.086	1.073	1.041	0.984	0.792	0.491
Almaraz 1	B32	B16	WE 17x17	2.60	16		B4C	25743	0.628	0.924	1.050	1.089	1.097	1.095	1.091	1.088	1.088	1.085	1.085	1.086	1.089	1.081	1.058	0.994	0.840	0.537
Almaraz 1	B03	B20	WE 17x17	2.60	20		B4C	25811	0.622	0.920	1.050	1.083	1.103	1.102	1.098	1.095	1.092	1.091	1.091	1.090	1.088	1.080	1.053	0.984	0.825	0.524
Almaraz 1	C49	C00	WE 17x17	3.10	0			25673	0.651	0.942	1.061	1.100	1.106	1.106	1.101	1.096	1.091	1.087	1.082	1.078	1.072	1.061	1.036	0.973	0.825	0.530
Almaraz 1	X17	X00	WE 17x17	2.60	0			26010	0.643	0.924	1.037	1.076	1.087	1.089	1.088	1.087	1.086	1.086	1.085	1.084	1.081	1.073	1.051	0.996	0.858	0.568
Almaraz 1	B12	B16	WE 17x17	2.60	16		B4C	26066	0.631	0.926	1.052	1.092	1.100	1.098	1.094	1.090	1.087	1.086	1.086	1.086	1.084	1.077	1.054	0.989	0.835	0.535
Almaraz 1	B04	B16	WE 17x17	2.60	16		B4C	26143	0.628	0.927	1.060	1.105	1.115	1.114	1.109	1.104	1.100	1.097	1.095	1.092	1.088	1.078	1.045	0.988	0.792	0.489
Almaraz 1	E10	E00	WE 17x17	2.60	0			26149	0.654	0.937	1.048	1.083	1.093	1.093	1.092	1.089	1.087	1.084	1.082	1.078	1.073	1.063	1.041	0.987	0.854	0.564
Almaraz 1	B14	B20	WE 17x17	2.60	20		B4C	26247	0.605	0.913	1.058	1.112	1.126	1.125	1.120	1.115	1.110	1.106	1.102	1.098	1.090	1.074	1.036	0.951	0.778	0.479

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Almaraz 1	H60	HH00	WE 17x17	3.60	0			28357	0.863	0.941	1.055	1.091	1.099	1.097	1.093	1.089	1.085	1.082	1.079	1.076	1.072	1.062	1.040	0.984	0.847	0.556
Almaraz 1	B49	B16	WE 17x17	2.60	16		B4C	28434	0.619	0.922	1.059	1.107	1.119	1.118	1.113	1.108	1.104	1.101	1.099	1.096	1.091	1.077	1.044	0.982	0.783	0.479
Almaraz 1	D39	D00	WE 17x17	2.60	0			28509	0.670	0.950	1.052	1.081	1.086	1.085	1.082	1.080	1.077	1.075	1.072	1.069	1.065	1.059	1.043	0.997	0.872	0.584
Almaraz 1	X36	X00	WE 17x17	2.60	0			26984	0.652	0.936	1.051	1.090	1.100	1.100	1.097	1.093	1.090	1.087	1.084	1.080	1.073	1.062	1.036	0.977	0.839	0.553
Almaraz 1	D40	D00	WE 17x17	2.60	0			27010	0.675	0.949	1.047	1.074	1.080	1.080	1.079	1.077	1.076	1.074	1.072	1.070	1.066	1.060	1.044	1.001	0.880	0.595
Almaraz 1	D22	D00	WE 17x17	2.60	0			27015	0.674	0.951	1.052	1.080	1.086	1.085	1.082	1.080	1.078	1.075	1.072	1.069	1.064	1.057	1.041	0.996	0.872	0.586
Almaraz 1	X09	X00	WE 17x17	2.60	0			27560	0.661	0.930	1.043	1.081	1.091	1.093	1.091	1.089	1.087	1.086	1.084	1.081	1.077	1.067	1.044	0.988	0.852	0.566
Almaraz 1	C24	C00	WE 17x17	3.10	0			27750	0.658	0.940	1.049	1.082	1.088	1.087	1.084	1.082	1.080	1.078	1.076	1.074	1.072	1.066	1.048	0.996	0.866	0.574
Almaraz 1	C12	C00	WE 17x17	3.10	0			28012	0.671	0.947	1.048	1.075	1.079	1.078	1.075	1.073	1.072	1.071	1.070	1.069	1.068	1.065	1.052	1.009	0.884	0.594
Almaraz 1	D28	D00	WE 17x17	2.60	0			28191	0.679	0.950	1.045	1.070	1.074	1.074	1.073	1.072	1.072	1.071	1.070	1.068	1.066	1.061	1.049	1.009	0.892	0.607
Almaraz 1	H25	HL00	WE 17x17	3.38	0			28340	0.650	0.937	1.053	1.090	1.098	1.097	1.093	1.089	1.086	1.083	1.080	1.077	1.073	1.064	1.041	0.985	0.847	0.558
Almaraz 1	J06	JL12	WE 17x17	3.60	12		B4C	28408	0.647	0.932	1.051	1.088	1.096	1.095	1.092	1.088	1.085	1.083	1.080	1.076	1.075	1.067	1.045	0.988	0.849	0.560
Almaraz 1	C41	C00	WE 17x17	3.10	0			28989	0.667	0.950	1.059	1.090	1.095	1.091	1.087	1.082	1.079	1.076	1.074	1.072	1.070	1.066	1.049	0.995	0.848	0.551
Almaraz 1	D17	D00	WE 17x17	2.60	0			29040	0.675	0.956	1.058	1.087	1.092	1.090	1.087	1.083	1.080	1.076	1.072	1.067	1.061	1.053	1.035	0.988	0.862	0.578
Almaraz 1	C11	C00	WE 17x17	3.10	0			29197	0.671	0.948	1.049	1.077	1.081	1.079	1.077	1.075	1.073	1.072	1.070	1.069	1.068	1.064	1.050	1.008	0.880	0.590
Almaraz 1	G46	GH00	WE 17x17	3.60	0			29234	0.653	0.936	1.051	1.088	1.097	1.097	1.094	1.090	1.087	1.084	1.082	1.079	1.074	1.064	1.040	0.982	0.844	0.558
Almaraz 1	X40	X00	WE 17x17	2.60	0			29348	0.637	0.923	1.043	1.085	1.097	1.096	1.096	1.093	1.091	1.089	1.087	1.085	1.080	1.070	1.045	0.985	0.843	0.551
Almaraz 1	X22	X00	WE 17x17	2.60	0			29525	0.642	0.923	1.038	1.078	1.089	1.091	1.090	1.088	1.087	1.086	1.085	1.084	1.081	1.073	1.050	0.994	0.857	0.565
Almaraz 1	X30	X00	WE 17x17	2.60	0			30214	0.643	0.922	1.035	1.074	1.086	1.088	1.087	1.086	1.085	1.085	1.085	1.084	1.082	1.075	1.054	0.998	0.861	0.570
Almaraz 1	D09	D00	WE 17x17	2.60	0			30380	0.665	0.957	1.051	1.076	1.080	1.078	1.076	1.074	1.072	1.070	1.068	1.065	1.062	1.056	1.043	1.002	0.884	0.601
Almaraz 1	K61	KL16	WE 17x17	3.60	16		B4C	30646	0.668	0.946	1.049	1.076	1.081	1.080	1.077	1.075	1.074	1.073	1.072	1.071	1.069	1.065	1.050	1.005	0.879	0.590
Almaraz 1	C03	C00	WE 17x17	3.10	0			30904	0.669	0.945	1.049	1.078	1.083	1.081	1.078	1.076	1.074	1.072	1.072	1.071	1.070	1.066	1.052	1.004	0.875	0.585
Almaraz 1	G18	GL00	WE 17x17	3.38	0			30918	0.663	0.936	1.045	1.078	1.086	1.086	1.084	1.082	1.080	1.079	1.078	1.076	1.073	1.066	1.047	0.995	0.865	0.580
Almaraz 1	C34	C12	WE 17x17	3.10	12		B4C	30986	0.651	0.936	1.052	1.088	1.095	1.093	1.089	1.085	1.082	1.079	1.077	1.076	1.073	1.067	1.047	0.992	0.854	0.582
Almaraz 1	C17	C00	WE 17x17	3.10	0			31071	0.670	0.945	1.046	1.074	1.078	1.077	1.075	1.073	1.072	1.071	1.071	1.071	1.071	1.066	1.055	1.009	0.881	0.591
Almaraz 1	E22	E00	WE 17x17	2.60	0			31187	0.655	0.932	1.042	1.078	1.088	1.090	1.089	1.087	1.085	1.084	1.083	1.080	1.076	1.067	1.045	0.990	0.857	0.571
Almaraz 1	E13	E00	WE 17x17	2.60	0			31290	0.650	0.931	1.044	1.081	1.091	1.092	1.090	1.088	1.086	1.084	1.082	1.079	1.075	1.067	1.045	0.991	0.858	0.567
Almaraz 1	E10	E00	WE 17x17	2.60	0			31742	0.657	0.935	1.043	1.078	1.087	1.088	1.087	1.085	1.083	1.082	1.080	1.078	1.074	1.065	1.045	0.994	0.864	0.575
Almaraz 1	G25	GL24	WE 17x17	3.38	24		B4C	31934	0.659	0.925	1.029	1.082	1.071	1.074	1.074	1.075	1.075	1.077	1.079	1.081	1.081	1.078	1.062	1.014	0.884	0.601
Almaraz 1	G37	GH08	WE 17x17	3.60	8		B4C	31990	0.666	0.940	1.046	1.080	1.088	1.088	1.085	1.083	1.081	1.079	1.078	1.076	1.073	1.065	1.044	0.992	0.860	0.577
Almaraz 1	C50	C16	WE 17x17	3.10	16		B4C	32087	0.658	0.942	1.057	1.092	1.100	1.098	1.095	1.091	1.087	1.084	1.081	1.078	1.074	1.065	1.042	0.982	0.833	0.541
Almaraz 1	B28	B16	WE 17x17	2.60	16		B4C	32255	0.651	0.935	1.049	1.084	1.091	1.090	1.087	1.084	1.082	1.080	1.079	1.076	1.076	1.070	1.050	0.995	0.858	0.563
Almaraz 1	E41	E00	WE 17x17	2.60	0			32348	0.664	0.933	1.034	1.067	1.077	1.079	1.080	1.079	1.079	1.079	1.079	1.079	1.076	1.070	1.051	1.003	0.877	0.594
Almaraz 1	D40	D00	WE 17x17	2.60	0			32390	0.670	0.941	1.040	1.070	1.077	1.078	1.078	1.077	1.076	1.076	1.075	1.073	1.071	1.065	1.049	1.004	0.882	0.597
Almaraz 1	H56	HH00	WE 17x17	3.60	0			32445	0.666	0.946	1.051	1.082	1.089	1.088	1.085	1.082	1.079	1.077	1.075	1.073	1.069	1.062	1.042	0.991	0.862	0.578
Almaraz 1	D24	D00	WE 17x17	2.60	0			32675	0.673	0.938	1.032	1.059	1.066	1.067	1.067	1.067	1.068	1.070	1.072	1.074	1.075	1.073	1.061	1.021	0.902	0.616
Almaraz 1	B03	B20	WE 17x17	2.60	20		B4C	32877	0.642	0.927	1.045	1.084	1.093	1.094	1.092	1.089	1.088	1.086	1.085	1.084	1.081	1.073	1.050	0.990	0.845	0.552
Almaraz 1	H13	HL00	WE 17x17	3.38	0			32983	0.667	0.946	1.053	1.085	1.092	1.090	1.087	1.084	1.080	1.078	1.076	1.073	1.069	1.061	1.041	0.988	0.857	0.573
Almaraz 1	G23	GL24	WE 17x17	3.38	24		B4C	33023	0.657	0.925	1.032	1.066	1.076	1.078	1.078	1.078	1.078	1.079	1.081	1.081	1.081	1.078	1.058	1.006	0.875	0.593
Almaraz 1	B39	B16	WE 17x17	2.60	16		B4C	33080	0.642	0.931	1.052	1.081	1.100	1.098	1.095	1.091	1.087	1.085	1.083	1.081	1.078	1.069	1.046	0.985	0.840	0.546
Almaraz 1	G51	GH12	WE 17x17	3.60	12		B4C	33462	0.663	0.935	1.042	1.076	1.085	1.086	1.084	1.082	1.081	1.080	1.079	1.078	1.075	1.068	1.046	0.995	0.863	0.581
Almaraz 1	E23	E00	WE 17x17	2.60	0			33489	0.662	0.930	1.032	1.064	1.074	1.076	1.077	1.078	1.078	1.079	1.080	1.080	1.079	1.073	1.055	1.007	0.880	0.596
Almaraz 1	G07	GL16	WE 17x17	3.38	16		B4C	33496	0.657	0.923	1.028	1.062	1.071	1.074	1.074	1.075	1.076	1.078	1.080	1.082	1.082	1.078	1.063	1.014	0.883	0.600
Almaraz 1	H37	HL04	WE 17x17	3.38	4		B4C	33704	0.662	0.943	1.054	1.089	1.097	1.096	1.092	1.088	1.084	1.081	1.078	1.075	1.070	1.061	1.038	0.982	0.847	0.563
Almaraz 1	B14	B20	WE 17x17	2.60	20		B4C	33740	0.632	0.923	1.048	1.091	1.104	1.105	1.102	1.100	1.097	1.095	1.093	1.090	1.084	1.072	1.043	0.974	0.821	0.528
Almaraz 1	E40	E00	WE 17x17	2.60	0			33783	0.664	0.935	1.039	1.073	1.082	1.084	1.083	1.082	1.081	1.080	1.080	1.078	1.075	1.067	1.047	0.996	0.866	0.585
Almaraz 1	B42	B16	WE 17x17	2.60	16		B4C	33883	0.651	0.933	1.046	1.082	1.089	1.088	1.085	1.083	1.081	1.080	1.080	1.080	1.078	1.073	1.053	0.997	0.858	0.565
Almaraz 1	G05	GL16	WE 17x17	3.38	16		B4C	33915	0.655	0.922	1.030	1.065	1.075	1.077	1.078	1.078	1.079	1.080	1.082	1.083	1.082	1.077	1.060	1.008	0.875	0.593
Almaraz 1	G33	GH12	WE 17x17	3.60	12		B4C	34127	0.665	0.936	1.042	1.075	1.083	1.083	1.082	1.080	1.079	1.079	1.078	1.077	1.075	1.069	1.050	0.999	0.866	0.583
Almaraz 1	H45	HL08	WE 17x17	3.38	8		B4C	34362	0.669	0.938	1.041	1.072	1.079	1.079	1.078	1.076	1.075	1.075	1.075	1.075	1.073	1.068	1.051	1.004	0.877	0.595
Almaraz 1	H07	HL16	WE 17x17	3.38	16		B4C	34629	0.673	0.937	1.035	1.063	1.070	1.071	1.070	1.070	1.070	1.071	1.072	1.074	1.074	1.071	1.058	1.015	0.882	0.612
Almaraz 1	H05	HL08	WE 17x17	3.38	8		B4C	34675	0.671	0.940	1.042	1.073	1.080	1.080	1.078	1.077	1.075	1.075	1.075	1.074	1.072	1.067	1.050	1.002	0.875	0.594
Almaraz 1	J08	JL12	WE 17x17	3.60	12		B4C	34877	0.654	0.934	1.046	1.081	1.089	1.088	1.086	1.083	1.081	1.079	1.078	1.076	1.074	1.067	1.049	0.997	0.864	0.575
Almaraz 1	J07	JL12	WE 17x17	3.60	12		B4C	34955	0.665	0.938	1.045	1.078	1.085	1.084	1.082	1.079	1.077	1.076	1.075	1.074	1.072	1.066	1.049	0.999	0.869	0.587
Almaraz 1	C49	C00	WE 17x17	3.10	0			35054	0.665	0.944	1.053	1.087	1.095	1.095	1.092	1.088	1.085	1.082	1.078	1.075	1.071	1.061	1.040	0.984	0.847	0.559
Almaraz 1	K01	K716	WE 17x17	0.00	16		B4C	35254	0.678	0.955	1.058	1.087	1.092	1.089	1.084	1.080	1.076	1.073	1.070	1.067	1.063	1.056	1.037	0.990	0.865	0.582
Almaraz 1	J12	JL12	WE 17x17	3.60	12		B4C	35294	0.665	0.939	1.046	1.078	1.085	1.084	1.081	1.079	1.077	1.076	1.075	1.074	1.072	1.066	1.049	0.999	0.869	0.586
Almaraz 1	C24	C00	WE 17x17	3.10	0			35295	0.665	0.940	1.045	1.077	1.084	1.084	1.082	1.080	1.078	1.077	1.075	1.074	1.072	1.066	1.048	1.000	0.872	0.584
Almaraz 1	H48	HL16	WE 17x17	3.38	16		B4C	35640	0.669	0.936	1.038	1.067	1.074	1.075	1.074	1.073	1.073	1.074	1.074	1.075	1.074	1.071	1.058	1.010	0.884	0.602
Almaraz 1	H47	HL12	WE 17x17	3.38	12		B4C	35697	0.659	0.937	1.049	1.085	1.093	1.093	1.090	1.087	1.084	1.082	1.080	1.077	1.073	1.064	1.043	0.987	0.850	0.567
Almaraz 1	X17	X00	WE 17x17	2.60	0			35897	0.653	0.925	1.033	1.069	1.080	1.082	1.082	1.081	1.081	1.081	1.082	1.082	1.080	1.074	1.055	1.003	0.872	0.585
Almaraz 1	G46	GH00	WE 17x17	3.60	0			36108	0.655	0.934	1.046	1.083	1.092	1.093	1.090	1.087	1.085	1.083	1.081	1.078	1.075	1.066	1.044	0.989	0.854	0.567
Almaraz 1	K34	KL16	WE 17x17	3.60	16		B4C	36305	0.673	0.948	1.050	1.078	1.082	1.081	1.078	1.076	1.074	1.072	1.071	1.069	1.067	1.062	1.047	1.002	0.877	0.592
Almaraz 1	H18	HL16	WE 17x17	3.38	16		B4C	36310	0.666	0.935	1.040	1.072	1.079	1.080	1.079	1.077	1.077	1.077	1.077	1.076	1.075	1.069	1.052	1.003	0.873	0.593
Almaraz 1	K09	K716	WE 17x17	0.00	16		B4C	36343	0.680	0.954	1.055	1.083	1.087	1.084	1.081	1.077	1.074	1.071	1.069	1.067	1.063	1.057	1.040	0.994	0.872	0.591
Almaraz 1	X13	X00	WE 17x17	2.60	0			36441	0.661	0.934	1.040	1.074	1.082	1.083	1.082	1.080	1.079	1.078	1.078	1.077	1.075	1.069	1.050	1.000	0.871	0.586
Almaraz 1	E21	E00	WE 17x17	2.60	0			36451	0.672	0.944	1.048	1.081	1.089	1.090	1.087	1.085	1.082	1.080	1.077	1.074	1.068	1.059	1.038	0.987	0.859	0.579

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Almaraz 1	J59	JH00	WE 17x17	3.95	0			36531	0.671	0.950	1.056	1.087	1.093	1.090	1.086	1.082	1.079	1.076	1.073	1.070	1.066	1.058	1.039	0.986	0.858	0.576
Almaraz 1	C12	C00	WE 17x17	3.10	0			36848	0.680	0.946	1.040	1.066	1.072	1.071	1.071	1.070	1.069	1.069	1.069	1.070	1.069	1.066	1.054	1.013	0.894	0.610
Almaraz 1	X26	X00	WE 17x17	2.60	0			36926	0.661	0.938	1.047	1.084	1.093	1.094	1.091	1.088	1.085	1.083	1.081	1.078	1.073	1.063	1.041	0.985	0.851	0.565
Almaraz 1	K27	K716	WE 17x17	0.00	16		B4C	37179	0.683	0.954	1.051	1.077	1.080	1.078	1.075	1.073	1.071	1.069	1.068	1.066	1.064	1.059	1.045	1.002	0.883	0.602
Almaraz 1	C41	C00	WE 17x17	3.10	0			37743	0.678	0.947	1.045	1.073	1.078	1.077	1.075	1.074	1.072	1.072	1.071	1.072	1.072	1.068	1.054	1.008	0.876	0.586
Almaraz 1	H56	HH00	WE 17x17	3.60	0			37858	0.670	0.943	1.044	1.076	1.083	1.082	1.080	1.078	1.076	1.075	1.074	1.073	1.071	1.065	1.047	0.999	0.874	0.591
Almaraz 1	K07	K716	WE 17x17	0.00	16		B4C	38270	0.692	0.957	1.048	1.072	1.075	1.073	1.071	1.068	1.067	1.066	1.065	1.064	1.063	1.059	1.046	1.007	0.893	0.615
Almaraz 1	J49	JH06	WE 17x17	3.95	8		B4C	38410	0.672	0.950	1.054	1.084	1.089	1.087	1.084	1.080	1.077	1.075	1.073	1.070	1.067	1.060	1.041	0.992	0.863	0.582
Almaraz 1	G37	GH06	WE 17x17	3.60	8		B4C	38501	0.670	0.939	1.041	1.074	1.082	1.082	1.081	1.079	1.078	1.077	1.076	1.075	1.073	1.066	1.048	0.998	0.871	0.590
Almaraz 1	H13	HL00	WE 17x17	3.38	0			38613	0.671	0.943	1.045	1.076	1.083	1.082	1.080	1.078	1.076	1.075	1.074	1.073	1.070	1.064	1.047	0.999	0.874	0.591
Almaraz 1	J39	JH04	WE 17x17	3.95	4		B4C	38739	0.681	0.954	1.052	1.079	1.084	1.082	1.079	1.076	1.074	1.072	1.070	1.068	1.065	1.058	1.042	0.996	0.872	0.593
Almaraz 1	D22	D00	WE 17x17	2.60	0			39276	0.674	0.942	1.041	1.072	1.080	1.081	1.080	1.078	1.077	1.076	1.075	1.073	1.070	1.064	1.046	1.000	0.876	0.595
Almaraz 1	J46	JH04	WE 17x17	3.95	4		B4C	39290	0.672	0.948	1.051	1.081	1.086	1.085	1.081	1.078	1.076	1.074	1.073	1.071	1.068	1.061	1.044	0.995	0.868	0.588
Almaraz 1	J21	JL12	WE 17x17	3.60	12		B4C	39400	0.672	0.941	1.043	1.073	1.080	1.079	1.077	1.075	1.074	1.073	1.073	1.073	1.071	1.066	1.050	1.003	0.877	0.598
Almaraz 1	J32	JL12	WE 17x17	3.60	12		B4C	39715	0.680	0.946	1.044	1.072	1.078	1.078	1.076	1.074	1.073	1.072	1.071	1.071	1.069	1.064	1.049	1.003	0.879	0.602
Almaraz 1	K49	KL12	WE 17x17	3.60	12		B4C	39738	0.678	0.947	1.052	1.082	1.087	1.085	1.082	1.079	1.076	1.074	1.072	1.070	1.067	1.060	1.043	0.994	0.867	0.587
Almaraz 1	K17	KH06	WE 17x17	4.10	8		B4C	39770	0.679	0.954	1.056	1.084	1.088	1.085	1.081	1.078	1.075	1.072	1.070	1.067	1.064	1.057	1.040	0.993	0.866	0.589
Almaraz 1	J52	JH12	WE 17x17	3.95	12		B4C	40140	0.685	0.956	1.054	1.081	1.085	1.083	1.080	1.077	1.074	1.072	1.070	1.067	1.064	1.057	1.040	0.994	0.871	0.593
Almaraz 1	D39	D00	WE 17x17	2.60	0			40195	0.672	0.936	1.034	1.065	1.073	1.074	1.074	1.074	1.074	1.075	1.075	1.075	1.074	1.070	1.054	1.009	0.887	0.604
Almaraz 1	H37	HL04	WE 17x17	3.38	4		B4C	40308	0.663	0.939	1.048	1.082	1.090	1.090	1.087	1.084	1.081	1.079	1.077	1.075	1.072	1.064	1.044	0.991	0.859	0.575
Almaraz 1	J06	JL16	WE 17x17	3.60	16		B4C	40847	0.670	0.945	1.047	1.077	1.083	1.082	1.080	1.078	1.076	1.075	1.073	1.072	1.070	1.064	1.047	0.999	0.872	0.591
Almaraz 1	K59	KL12	WE 17x17	3.60	12		B4C	41170	0.679	0.945	1.047	1.076	1.081	1.080	1.077	1.075	1.073	1.072	1.071	1.070	1.068	1.063	1.047	1.001	0.876	0.599
Almaraz 1	U03	U06	WE 17x17	3.60	8		B4C	41200	0.684	0.949	1.046	1.072	1.077	1.076	1.074	1.072	1.070	1.069	1.069	1.068	1.067	1.062	1.048	1.005	0.885	0.606
Almaraz 1	K60	KL12	WE 17x17	3.60	12		B4C	41342	0.686	0.946	1.041	1.066	1.071	1.071	1.069	1.069	1.068	1.068	1.069	1.069	1.069	1.065	1.052	1.011	0.892	0.617
Almaraz 1	K20	KH12	WE 17x17	4.10	12		B4C	41410	0.690	0.958	1.054	1.079	1.083	1.080	1.077	1.074	1.071	1.069	1.067	1.065	1.062	1.056	1.040	0.997	0.877	0.601
Almaraz 1	D28	D00	WE 17x17	2.60	0			41562	0.675	0.936	1.031	1.060	1.068	1.070	1.071	1.072	1.072	1.073	1.074	1.074	1.074	1.070	1.056	1.013	0.895	0.615
Almaraz 1	G01	GL00	WE 17x17	3.38	0			41740	0.686	0.937	1.043	1.077	1.085	1.086	1.084	1.082	1.080	1.078	1.076	1.077	1.074	1.067	1.047	0.995	0.865	0.581
Almaraz 1	J12	JL12	WE 17x17	3.60	12		B4C	42088	0.688	0.939	1.043	1.074	1.081	1.081	1.079	1.077	1.075	1.075	1.074	1.073	1.072	1.067	1.050	1.002	0.876	0.595
Almaraz 1	K55	KL16	WE 17x17	3.60	16		B4C	42671	0.678	0.951	1.052	1.079	1.084	1.082	1.079	1.076	1.074	1.072	1.071	1.069	1.066	1.060	1.044	0.998	0.873	0.593
Almaraz 1	J58	JH00	WE 17x17	3.95	0			43531	0.675	0.948	1.049	1.079	1.085	1.084	1.081	1.078	1.075	1.073	1.072	1.070	1.067	1.061	1.044	0.998	0.872	0.592
Almaraz 1	H19	HL00	WE 17x17	3.38	0			44005	0.680	0.944	1.036	1.066	1.072	1.072	1.071	1.070	1.069	1.069	1.069	1.070	1.069	1.066	1.052	1.011	0.894	0.616
Almaraz 1	H60	HH00	WE 17x17	3.60	0			45233	0.673	0.943	1.044	1.074	1.081	1.080	1.078	1.076	1.075	1.074	1.073	1.072	1.071	1.065	1.048	1.001	0.876	0.596
Almaraz 1	H25	HL00	WE 17x17	3.38	0			45659	0.669	0.936	1.037	1.069	1.077	1.077	1.076	1.075	1.074	1.074	1.074	1.075	1.074	1.070	1.053	1.006	0.862	0.601

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height: Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Almaraz 2	P22	P00	WE 17x17	2.60	0			7040	0.625	0.942	1.072	1.106	1.106	1.097	1.090	1.082	1.076	1.071	1.068	1.067	1.069	1.069	1.057	1.007	0.858	0.539
Almaraz 2	P40	P00	WE 17x17	2.60	0			7418	0.612	0.934	1.077	1.121	1.127	1.120	1.110	1.101	1.093	1.086	1.079	1.075	1.070	1.082	1.040	0.975	0.816	0.502
Almaraz 2	P39	P00	WE 17x17	2.60	0			7547	0.644	0.955	1.073	1.096	1.093	1.083	1.074	1.088	1.083	1.080	1.058	1.080	1.084	1.089	1.085	1.024	0.884	0.565
Almaraz 2	P28	P00	WE 17x17	2.60	0			8831	0.626	0.945	1.083	1.124	1.128	1.120	1.110	1.100	1.091	1.083	1.076	1.070	1.064	1.055	1.033	0.971	0.816	0.506
Almaraz 2	N49	N00	WE 17x17	3.10	0			9030	0.544	0.866	1.043	1.121	1.149	1.155	1.152	1.147	1.141	1.137	1.132	1.126	1.114	1.088	1.033	0.923	0.720	0.410
Almaraz 2	N12	N00	WE 17x17	3.10	0			9354	0.540	0.861	1.040	1.119	1.149	1.155	1.152	1.147	1.141	1.136	1.131	1.124	1.112	1.085	1.030	0.923	0.730	0.427
Almaraz 2	E01	EL00	WE 17x17	3.38	0			9576	0.605	0.906	1.044	1.094	1.111	1.115	1.114	1.111	1.108	1.105	1.100	1.095	1.088	1.071	1.039	0.989	0.814	0.510
Almaraz 2	P17	P00	WE 17x17	2.60	0			9847	0.645	0.958	1.082	1.113	1.111	1.101	1.091	1.083	1.075	1.069	1.064	1.061	1.060	1.057	1.044	0.994	0.850	0.542
Almaraz 2	N24	N00	WE 17x17	3.10	0			10248	0.542	0.861	1.036	1.116	1.146	1.152	1.149	1.144	1.139	1.135	1.130	1.124	1.112	1.086	1.032	0.927	0.735	0.432
Almaraz 2	S60	SH00	WE 17x17	3.60	0			10293	0.621	0.924	1.054	1.097	1.107	1.106	1.102	1.097	1.093	1.090	1.087	1.085	1.081	1.072	1.047	0.984	0.831	0.521
Almaraz 2	T72	TH00	WE 17x17	3.60	0			10493	0.604	0.906	1.042	1.088	1.101	1.101	1.099	1.095	1.093	1.091	1.091	1.090	1.089	1.082	1.059	0.996	0.842	0.530
Almaraz 2	N41	N00	WE 17x17	3.10	0			11204	0.558	0.879	1.050	1.125	1.151	1.156	1.152	1.145	1.138	1.134	1.129	1.122	1.109	1.083	1.029	0.921	0.716	0.402
Almaraz 2	P09	P00	WE 17x17	2.60	0			11731	0.662	0.970	1.069	1.116	1.113	1.103	1.092	1.082	1.074	1.067	1.061	1.056	1.052	1.049	1.035	0.987	0.848	0.545
Almaraz 2	E46	EH00	WE 17x17	3.60	0			12582	0.620	0.924	1.057	1.105	1.119	1.121	1.118	1.113	1.108	1.102	1.096	1.088	1.077	1.059	1.025	0.956	0.804	0.510
Almaraz 2	N03	N00	WE 17x17	3.10	0			13210	0.556	0.875	1.049	1.125	1.152	1.156	1.152	1.145	1.139	1.133	1.127	1.119	1.105	1.077	1.022	0.917	0.725	0.427
Almaraz 2	S56	SH00	WE 17x17	3.60	0			13471	0.613	0.917	1.054	1.101	1.113	1.112	1.108	1.103	1.096	1.095	1.092	1.088	1.083	1.071	1.043	0.974	0.818	0.517
Almaraz 2	L01	L00	WE 17x17	2.10	0			13476	0.550	0.869	1.042	1.118	1.146	1.151	1.148	1.143	1.138	1.133	1.128	1.122	1.109	1.083	1.029	0.924	0.734	0.433
Almaraz 2	E02	EL00	WE 17x17	3.38	0			13881	0.630	0.928	1.056	1.101	1.115	1.116	1.114	1.109	1.104	1.099	1.093	1.085	1.074	1.057	1.025	0.959	0.813	0.522
Almaraz 2	L34	L00	WE 17x17	2.10	0			14550	0.567	0.888	1.058	1.132	1.157	1.162	1.158	1.152	1.145	1.140	1.135	1.128	1.115	1.088	1.033	0.923	0.698	0.326
Almaraz 2	E37	EH08	WE 17x17	3.60	8	B4C		14627	0.621	0.917	1.051	1.100	1.115	1.118	1.116	1.113	1.108	1.104	1.098	1.091	1.080	1.062	1.028	0.958	0.804	0.515
Almaraz 2	N01	N12	WE 17x17	3.10	12	B4C		14650	0.544	0.868	1.049	1.129	1.158	1.163	1.158	1.151	1.144	1.137	1.131	1.122	1.107	1.077	1.019	0.909	0.714	0.419
Almaraz 2	N50	N16	WE 17x17	3.10	16	B4C		14848	0.550	0.874	1.053	1.131	1.158	1.162	1.158	1.151	1.144	1.138	1.131	1.123	1.109	1.080	1.022	0.910	0.705	0.401
Almaraz 2	S37	SL08	WE 17x17	3.38	8	B4C		15175	0.630	0.926	1.056	1.099	1.109	1.107	1.102	1.098	1.093	1.090	1.087	1.084	1.080	1.069	1.043	0.978	0.824	0.527
Almaraz 2	T20	TL08	WE 17x17	3.38	8	B4C		15239	0.617	0.910	1.041	1.087	1.099	1.100	1.097	1.094	1.092	1.091	1.090	1.090	1.088	1.079	1.055	0.991	0.839	0.540
Almaraz 2	S44	SL00	WE 17x17	3.38	0			15332	0.623	0.921	1.052	1.097	1.108	1.108	1.103	1.099	1.095	1.091	1.089	1.088	1.081	1.070	1.043	0.978	0.828	0.529
Almaraz 2	E33	EH12	WE 17x17	3.60	12	B4C		15670	0.625	0.911	1.039	1.086	1.101	1.106	1.106	1.105	1.103	1.101	1.097	1.092	1.083	1.066	1.039	0.974	0.825	0.530
Almaraz 2	M28	M16	WE 17x17	2.60	16	B4C		15685	0.544	0.868	1.048	1.127	1.155	1.160	1.156	1.150	1.143	1.137	1.132	1.124	1.109	1.080	1.022	0.912	0.715	0.418
Almaraz 2	U07	U712	WE 17x17	0.00	12	B4C		15759	0.643	0.949	1.076	1.114	1.119	1.114	1.107	1.099	1.092	1.085	1.079	1.073	1.065	1.053	1.027	0.984	0.818	0.523
Almaraz 2	M42	M16	WE 17x17	2.60	16	B4C		16033	0.542	0.866	1.046	1.124	1.152	1.158	1.154	1.149	1.143	1.138	1.133	1.125	1.111	1.082	1.025	0.915	0.718	0.421
Almaraz 2	T06	TH00	WE 17x17	3.60	0			16066	0.624	0.920	1.047	1.090	1.101	1.101	1.097	1.094	1.091	1.088	1.087	1.086	1.082	1.074	1.050	0.988	0.841	0.541
Almaraz 2	E25	EL20	WE 17x17	3.38	20	B4C		16082	0.611	0.891	1.021	1.089	1.087	1.095	1.096	1.100	1.102	1.103	1.103	1.101	1.096	1.084	1.057	0.992	0.840	0.550
Almaraz 2	E07	EL12	WE 17x17	3.38	12	B4C		16341	0.630	0.906	1.026	1.087	1.081	1.087	1.090	1.092	1.093	1.095	1.094	1.092	1.088	1.079	1.058	0.999	0.857	0.567
Almaraz 2	L03	L00	WE 17x17	2.10	0			16414	0.563	0.879	1.047	1.119	1.145	1.150	1.147	1.141	1.136	1.131	1.126	1.120	1.107	1.080	1.027	0.922	0.731	0.431
Almaraz 2	V59	VH00	WE 17x17	4.10	0			16627	0.649	0.952	1.071	1.105	1.109	1.104	1.098	1.091	1.085	1.080	1.076	1.071	1.066	1.056	1.034	0.977	0.836	0.539
Almaraz 2	L29	L00	WE 17x17	2.10	0			16681	0.559	0.875	1.043	1.116	1.142	1.148	1.145	1.140	1.135	1.131	1.127	1.121	1.108	1.082	1.029	0.925	0.735	0.437
Almaraz 2	L07	L00	WE 17x17	2.10	0			16930	0.560	0.876	1.042	1.115	1.141	1.147	1.145	1.140	1.136	1.132	1.128	1.122	1.110	1.084	1.031	0.926	0.734	0.433
Almaraz 2	S47	SL16	WE 17x17	3.38	16	B4C		17125	0.614	0.906	1.043	1.090	1.103	1.104	1.102	1.099	1.096	1.095	1.094	1.093	1.089	1.080	1.053	0.985	0.826	0.531
Almaraz 2	M08	M12	WE 17x17	2.60	12	B4C		17400	0.559	0.879	1.050	1.123	1.148	1.153	1.150	1.144	1.138	1.134	1.129	1.121	1.108	1.081	1.026	0.920	0.721	0.418
Almaraz 2	S05	SL12	WE 17x17	3.38	12	B4C		17488	0.627	0.915	1.043	1.085	1.097	1.097	1.095	1.092	1.090	1.089	1.089	1.088	1.086	1.077	1.054	0.991	0.840	0.547
Almaraz 2	L49	L00	WE 17x17	2.10	0			17494	0.563	0.877	1.042	1.112	1.138	1.143	1.141	1.137	1.133	1.130	1.126	1.120	1.108	1.084	1.032	0.930	0.742	0.443
Almaraz 2	U57	UH08	WE 17x17	4.10	8	B4C		17701	0.646	0.955	1.084	1.121	1.126	1.120	1.111	1.102	1.094	1.086	1.078	1.070	1.061	1.047	1.020	0.956	0.808	0.517
Almaraz 2	L16	L00	WE 17x17	2.10	0			17743	0.567	0.882	1.048	1.119	1.144	1.150	1.149	1.145	1.142	1.139	1.136	1.131	1.120	1.085	1.043	0.937	0.712	0.340
Almaraz 2	L37	L00	WE 17x17	2.10	0			17751	0.561	0.875	1.040	1.111	1.136	1.142	1.140	1.137	1.133	1.131	1.128	1.122	1.111	1.087	1.035	0.932	0.741	0.439
Almaraz 2	M32	M16	WE 17x17	2.60	16	B4C		17754	0.551	0.871	1.044	1.118	1.144	1.150	1.147	1.143	1.138	1.134	1.130	1.123	1.110	1.084	1.030	0.923	0.729	0.430
Almaraz 2	U47	U712	WE 17x17	0.00	12	B4C		17774	0.665	0.963	1.078	1.109	1.112	1.108	1.099	1.091	1.084	1.078	1.072	1.066	1.059	1.048	1.025	0.989	0.833	0.543
Almaraz 2	L11	L00	WE 17x17	2.10	0			17836	0.565	0.887	1.034	1.106	1.133	1.139	1.138	1.135	1.133	1.131	1.129	1.125	1.114	1.091	1.039	0.937	0.747	0.447
Almaraz 2	M03	M20	WE 17x17	2.60	20	B4C		17871	0.543	0.864	1.039	1.115	1.142	1.148	1.146	1.142	1.139	1.136	1.133	1.127	1.115	1.089	1.035	0.927	0.729	0.429
Almaraz 2	L20	L00	WE 17x17	2.10	0			17919	0.559	0.872	1.037	1.108	1.134	1.140	1.138	1.135	1.132	1.130	1.128	1.123	1.113	1.089	1.038	0.935	0.745	0.444
Almaraz 2	M04	M16	WE 17x17	2.60	16	B4C		17932	0.551	0.871	1.044	1.118	1.144	1.150	1.148	1.144	1.139	1.136	1.132	1.126	1.113	1.087	1.033	0.924	0.722	0.416
Almaraz 2	S42	SL16	WE 17x17	3.38	16	B4C		17951	0.641	0.919	1.035	1.070	1.078	1.078	1.077	1.076	1.076	1.078	1.081	1.083	1.085	1.083	1.068	1.017	0.874	0.579
Almaraz 2	L39	L00	WE 17x17	2.10	0			17952	0.560	0.871	1.036	1.107	1.133	1.140	1.138	1.135	1.133	1.131	1.129	1.124	1.114	1.090	1.039	0.938	0.744	0.442
Almaraz 2	S18	SL12	WE 17x17	3.38	12	B4C		17997	0.642	0.921	1.038	1.074	1.083	1.084	1.083	1.081	1.081	1.082	1.083	1.084	1.084	1.079	1.060	1.008	0.864	0.573
Almaraz 2	M14	M20	WE 17x17	2.60	20	B4C		18035	0.540	0.861	1.036	1.111	1.139	1.146	1.145	1.141	1.138	1.137	1.134	1.129	1.118	1.093	1.039	0.931	0.732	0.431
Almaraz 2	M49	M16	WE 17x17	2.60	16	B4C		18367	0.551	0.869	1.041	1.114	1.140	1.146	1.145	1.141	1.138	1.135	1.132	1.127	1.115	1.090	1.037	0.930	0.728	0.421
Almaraz 2	T53	TL08	WE 17x17	3.38	8	B4C		18401	0.623	0.914	1.043	1.088	1.100	1.100	1.098	1.095	1.092	1.091	1.090	1.088	1.085	1.078	1.051	0.988	0.837	0.542
Almaraz 2	T08	TL12	WE 17x17	3.38	12	B4C		18640	0.614	0.903	1.034	1.080	1.094	1.096	1.095	1.094	1.093	1.093	1.094	1.094	1.092	1.084	1.059	0.995	0.842	0.546
Almaraz 2	DA49	D712	WE 17x17	0.00	12	B4C		18643	0.669	0.963	1.073	1.102	1.106	1.100	1.093	1.087	1.081	1.076	1.071	1.066	1.060	1.050	1.029	0.976	0.843	0.555
Almaraz 2	N49	N00	WE 17x17	3.10	0			18837	0.628	0.929	1.059	1.101	1.109	1.108	1.100	1.095	1.090	1.088	1.084	1.082	1.079	1.071	1.047	0.983	0.828	0.523
Almaraz 2	V38	VH00	WE 17x17	4.10	0			19039	0.667	0.961	1.070	1.099	1.102	1.098	1.091	1.085	1.080	1.075	1.071	1.067	1.062	1.053	1.033	0.981	0.847	0.556
Almaraz 2	V34	VH04	WE 17x17	4.10	4	B4C		19065	0.659	0.959	1.075	1.107	1.110	1.104	1.097	1.090	1.084	1.079	1.074	1.068	1.062	1.051	1.029	0.973	0.835	0.543
Almaraz 2	DA39	D712	WE 17x17	0.00	12	B4C		19172	0.676	0.963	1.067	1.094	1.096	1.092	1.087	1.081	1.077	1.073	1.069	1.065	1.061	1.053	1.034	0.985	0.857	0.569
Almaraz 2	U10	UL12	WE 17x17	3.60	12	B4C		19746	0.646	0.942	1.070	1.109	1.115	1.111	1.104	1.097	1.092	1.088	1.081	1.075	1.068	1.056	1.030	0.988	0.819	0.532
Almaraz 2	T51	TL12	WE 17x17	3.38	12	B4C		19818	0.619	0.906	1.037	1.083	1.097	1.099	1.097	1.095	1.094	1.093	1.093	1.092	1.089	1.080	1.055	0.990	0.837	0.545
Almaraz 2	U11	UL12	WE 17x17	3.60	12	B4C		19863	0.656	0.943	1.061	1.095	1.101	1.098	1.093	1.088	1.084	1.080	1.077	1.074	1.069	1.060	1.039	0.983	0.842	0.556
Almaraz 2	N24	N00	WE 17x17	3.10	0			19964	0.626	0.927	1.055	1.096	1.105	1.102	1.097	1.092	1.088	1.085	1.083	1.082	1.079	1.072	1.049	0.987	0.838	0.536
Almaraz 2	T10	TL20	WE 17x17	3.38	20	B4C		20001	0.603	0.884	1.019	1.068	1.085	1.090	1.092	1.093	1.094	1.097	1.099	1.102	1.102	1.095	1.071	1.005	0.848	0.553
Almaraz 2	T34	TL16	WE 17x17	3.38	16	B4C		20546	0.606	0.889	1.020	1.066	1.084	1.090	1.091	1.092	1.093	1.095	1.096	1.099	1.099	1.092	1.068	1.005	0.850	0.556

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Almaraz 2	T31	TL16	WE 17x17	3.38	16		B4C	20570	0.604	0.881	1.012	1.061	1.078	1.085	1.087	1.090	1.092	1.096	1.099	1.102	1.103	1.098	1.075	1.012	0.859	0.566
Almaraz 2	N12	N00	WE 17x17	3.10	0			20586	0.655	0.944	1.055	1.086	1.088	1.084	1.079	1.075	1.072	1.071	1.070	1.071	1.072	1.070	1.056	1.008	0.872	0.572
Almaraz 2	U60	UH12	WE 17x17	4.10	12		B4C	20836	0.664	0.968	1.067	1.119	1.121	1.114	1.105	1.097	1.089	1.081	1.072	1.064	1.055	1.041	1.016	0.958	0.817	0.531
Almaraz 2	T49	TL16	WE 17x17	3.38	16		B4C	20839	0.608	0.886	1.018	1.066	1.083	1.089	1.091	1.092	1.094	1.096	1.098	1.100	1.100	1.094	1.070	1.008	0.852	0.559
Almaraz 2	T44	TL16	WE 17x17	3.38	16		B4C	20909	0.608	0.885	1.016	1.065	1.082	1.088	1.090	1.091	1.093	1.096	1.099	1.101	1.101	1.094	1.071	1.007	0.854	0.562
Almaraz 2	U25	UL12	WE 17x17	3.60	12		B4C	20934	0.661	0.940	1.050	1.079	1.083	1.081	1.079	1.077	1.076	1.075	1.074	1.073	1.072	1.068	1.053	1.005	0.871	0.584
Almaraz 2	U36	UL12	WE 17x17	3.60	12		B4C	21064	0.657	0.941	1.057	1.081	1.086	1.084	1.080	1.086	1.083	1.080	1.077	1.074	1.070	1.062	1.042	0.987	0.848	0.564
Almaraz 2	U12	UL16	WE 17x17	3.60	16		B4C	21281	0.657	0.954	1.069	1.099	1.102	1.096	1.093	1.086	1.083	1.079	1.074	1.070	1.064	1.056	1.036	0.962	0.843	0.553
Almaraz 2	N11	N00	WE 17x17	3.10	0			21505	0.655	0.943	1.054	1.084	1.086	1.082	1.078	1.074	1.071	1.070	1.070	1.071	1.073	1.071	1.058	1.010	0.874	0.575
Almaraz 2	V08	VL08	WE 17x17	3.60	8		B4C	21772	0.664	0.963	1.077	1.107	1.110	1.105	1.096	1.091	1.085	1.079	1.073	1.067	1.060	1.050	1.027	0.971	0.832	0.542
Almaraz 2	V07	VL08	WE 17x17	3.60	8		B4C	22024	0.669	0.960	1.067	1.095	1.098	1.094	1.089	1.084	1.080	1.076	1.072	1.068	1.063	1.054	1.035	0.983	0.850	0.561
Almaraz 2	DA59	DH12	WE 17x17	4.10	12		B4C	22146	0.671	0.966	1.078	1.107	1.109	1.104	1.097	1.090	1.084	1.078	1.072	1.065	1.058	1.047	1.024	0.970	0.833	0.547
Almaraz 2	N41	N00	WE 17x17	3.10	0			22183	0.661	0.947	1.052	1.078	1.079	1.074	1.069	1.067	1.065	1.065	1.067	1.070	1.075	1.077	1.068	1.023	0.885	0.577
Almaraz 2	DA52	DH08	WE 17x17	4.10	8		B4C	22262	0.676	0.967	1.076	1.105	1.107	1.102	1.095	1.088	1.082	1.076	1.070	1.064	1.057	1.046	1.024	0.971	0.838	0.555
Almaraz 2	V35	VH12	WE 17x17	4.10	12		B4C	22360	0.670	0.966	1.076	1.104	1.106	1.101	1.094	1.086	1.082	1.077	1.071	1.065	1.059	1.049	1.027	0.975	0.839	0.552
Almaraz 2	P28	P00	WE 17x17	2.60	0			22491	0.652	0.934	1.043	1.076	1.084	1.085	1.084	1.082	1.081	1.080	1.078	1.077	1.074	1.068	1.051	1.002	0.871	0.577
Almaraz 2	V21	VL12	WE 17x17	3.60	12		B4C	22553	0.672	0.958	1.059	1.083	1.085	1.082	1.079	1.076	1.074	1.072	1.070	1.067	1.065	1.060	1.045	1.000	0.872	0.582
Almaraz 2	P39	P00	WE 17x17	2.60	0			22669	0.651	0.942	1.058	1.094	1.102	1.100	1.096	1.092	1.088	1.084	1.080	1.075	1.066	1.058	1.036	0.981	0.843	0.551
Almaraz 2	P22	P00	WE 17x17	2.60	0			22856	0.653	0.936	1.047	1.081	1.090	1.091	1.090	1.088	1.086	1.084	1.081	1.078	1.073	1.064	1.043	0.991	0.857	0.567
Almaraz 2	P40	P00	WE 17x17	2.60	0			22952	0.641	0.932	1.054	1.096	1.107	1.107	1.104	1.100	1.096	1.092	1.087	1.081	1.073	1.060	1.033	0.972	0.828	0.538
Almaraz 2	V08	VL16	WE 17x17	3.60	16		B4C	23094	0.664	0.956	1.064	1.091	1.094	1.091	1.087	1.083	1.079	1.076	1.073	1.069	1.065	1.058	1.040	0.990	0.855	0.565
Almaraz 2	DA06	DL12	WE 17x17	3.60	12		B4C	23179	0.673	0.960	1.065	1.093	1.096	1.093	1.088	1.083	1.080	1.076	1.072	1.067	1.062	1.054	1.034	0.984	0.852	0.567
Almaraz 2	V32	VL12	WE 17x17	3.60	12		B4C	23179	0.671	0.961	1.066	1.093	1.096	1.092	1.088	1.083	1.079	1.076	1.072	1.066	1.063	1.055	1.036	0.986	0.853	0.564
Almaraz 2	DA07	DL08	WE 17x17	3.60	8		B4C	23233	0.679	0.966	1.072	1.099	1.101	1.097	1.091	1.085	1.080	1.075	1.070	1.064	1.056	1.048	1.028	0.977	0.846	0.562
Almaraz 2	DA21	DL12	WE 17x17	3.60	12		B4C	23524	0.678	0.961	1.061	1.085	1.087	1.085	1.081	1.077	1.075	1.072	1.069	1.066	1.063	1.056	1.040	0.994	0.867	0.562
Almaraz 2	DA32	DL12	WE 17x17	3.60	12		B4C	23774	0.674	0.963	1.070	1.096	1.101	1.097	1.091	1.086	1.081	1.077	1.072	1.066	1.061	1.051	1.030	0.978	0.845	0.561
Almaraz 2	P10	P00	WE 17x17	2.60	0			23861	0.612	0.907	1.041	1.082	1.106	1.111	1.109	1.106	1.103	1.100	1.096	1.094	1.086	1.075	1.043	0.973	0.819	0.521
Almaraz 2	N03	N00	WE 17x17	3.10	0			24039	0.653	0.940	1.052	1.083	1.087	1.083	1.079	1.075	1.073	1.072	1.072	1.074	1.075	1.073	1.058	1.008	0.870	0.572
Almaraz 2	DA08	DL12	WE 17x17	3.60	12		B4C	24054	0.673	0.960	1.065	1.092	1.095	1.092	1.087	1.083	1.079	1.075	1.071	1.067	1.062	1.054	1.035	0.985	0.853	0.569
Almaraz 2	E01	EL00	WE 17x17	3.38	0			24663	0.646	0.935	1.053	1.093	1.103	1.103	1.100	1.096	1.092	1.088	1.085	1.082	1.076	1.065	1.040	0.979	0.836	0.529
Almaraz 2	L29	L00	WE 17x17	2.10	0			24767	0.623	0.913	1.037	1.078	1.088	1.088	1.086	1.084	1.084	1.085	1.086	1.088	1.089	1.085	1.085	1.006	0.859	0.555
Almaraz 2	P09	P00	WE 17x17	2.60	0			24848	0.656	0.945	1.061	1.097	1.104	1.102	1.097	1.092	1.087	1.083	1.078	1.073	1.067	1.057	1.034	0.979	0.842	0.548
Almaraz 2	N49	N00	WE 17x17	3.10	0			24906	0.629	0.924	1.049	1.082	1.102	1.102	1.098	1.095	1.091	1.089	1.087	1.085	1.081	1.072	1.048	0.986	0.836	0.534
Almaraz 2	N01	N12	WE 17x17	3.10	12		B4C	25006	0.640	0.929	1.048	1.084	1.089	1.088	1.082	1.079	1.077	1.076	1.076	1.078	1.079	1.077	1.061	1.007	0.885	0.567
Almaraz 2	N50	N16	WE 17x17	3.10	16		B4C	25212	0.639	0.931	1.053	1.091	1.099	1.097	1.092	1.088	1.085	1.083	1.082	1.081	1.080	1.074	1.052	0.992	0.841	0.541
Almaraz 2	N34	N12	WE 17x17	3.10	12		B4C	25506	0.644	0.934	1.052	1.088	1.093	1.090	1.085	1.082	1.079	1.078	1.077	1.078	1.078	1.074	1.057	1.002	0.850	0.550
Almaraz 2	P17	P00	WE 17x17	2.60	0			25548	0.653	0.937	1.048	1.083	1.091	1.091	1.089	1.087	1.084	1.082	1.080	1.077	1.072	1.064	1.044	0.992	0.858	0.568
Almaraz 2	M28	M16	WE 17x17	2.60	16		B4C	25625	0.633	0.926	1.048	1.086	1.093	1.091	1.087	1.084	1.082	1.081	1.082	1.083	1.083	1.078	1.056	1.000	0.853	0.552
Almaraz 2	L37	L00	WE 17x17	2.10	0			26076	0.614	0.909	1.041	1.089	1.103	1.105	1.103	1.100	1.096	1.097	1.096	1.095	1.092	1.081	1.052	0.981	0.822	0.521
Almaraz 2	M42	M16	WE 17x17	2.60	16		B4C	26062	0.631	0.924	1.049	1.089	1.097	1.095	1.092	1.088	1.086	1.085	1.084	1.084	1.083	1.077	1.055	0.993	0.844	0.544
Almaraz 2	M08	M12	WE 17x17	2.60	12		B4C	26221	0.621	0.916	1.047	1.094	1.106	1.107	1.104	1.100	1.097	1.095	1.093	1.091	1.087	1.077	1.048	0.979	0.820	0.518
Almaraz 2	N12	N00	WE 17x17	3.10	0			26397	0.652	0.935	1.045	1.078	1.084	1.083	1.080	1.078	1.076	1.076	1.075	1.075	1.075	1.072	1.058	1.007	0.874	0.578
Almaraz 2	P36	P00	WE 17x17	2.60	0			26533	0.662	0.942	1.049	1.082	1.088	1.088	1.086	1.083	1.081	1.079	1.076	1.074	1.070	1.062	1.044	0.994	0.864	0.576
Almaraz 2	S60	SH00	WE 17x17	3.60	0			26616	0.636	0.927	1.047	1.088	1.099	1.096	1.095	1.092	1.088	1.086	1.084	1.083	1.079	1.070	1.047	0.987	0.844	0.547
Almaraz 2	E02	EL00	WE 17x17	3.38	0			26755	0.642	0.927	1.044	1.085	1.097	1.096	1.097	1.094	1.091	1.089	1.086	1.083	1.076	1.067	1.042	0.983	0.843	0.554
Almaraz 2	M32	M16	WE 17x17	2.60	16		B4C	26851	0.626	0.918	1.041	1.081	1.089	1.089	1.088	1.084	1.083	1.084	1.085	1.087	1.087	1.083	1.064	1.004	0.855	0.554
Almaraz 2	M03	M20	WE 17x17	2.60	20		B4C	26899	0.618	0.912	1.040	1.083	1.094	1.095	1.093	1.091	1.090	1.090	1.091	1.091	1.090	1.083	1.060	0.995	0.842	0.542
Almaraz 2	M12	M16	WE 17x17	2.60	16		B4C	27191	0.629	0.920	1.043	1.083	1.092	1.091	1.089	1.088	1.085	1.085	1.086	1.088	1.086	1.081	1.059	0.999	0.850	0.551
Almaraz 2	L05	L00	WE 17x17	2.10	0			27252	0.604	0.894	1.027	1.080	1.099	1.106	1.107	1.107	1.106	1.106	1.106	1.104	1.096	1.084	1.050	0.976	0.821	0.524
Almaraz 2	M14	M20	WE 17x17	2.60	20		B4C	27255	0.596	0.902	1.046	1.100	1.117	1.119	1.116	1.112	1.109	1.105	1.104	1.101	1.095	1.080	1.045	0.985	0.796	0.489
Almaraz 2	M04	M16	WE 17x17	2.60	16		B4C	27272	0.621	0.917	1.048	1.094	1.105	1.105	1.102	1.099	1.096	1.094	1.093	1.092	1.088	1.078	1.050	0.980	0.820	0.517
Almaraz 2	S47	SL16	WE 17x17	3.38	16		B4C	27336	0.626	0.910	1.035	1.079	1.092	1.093	1.092	1.090	1.089	1.089	1.089	1.089	1.088	1.080	1.056	0.997	0.850	0.555
Almaraz 2	M49	M16	WE 17x17	2.60	16		B4C	27543	0.612	0.910	1.046	1.095	1.109	1.109	1.107	1.103	1.101	1.099	1.096	1.096	1.092	1.080	1.049	0.975	0.811	0.506
Almaraz 2	T10	TL20	WE 17x17	3.38	20		B4C	27902	0.624	0.904	1.028	1.072	1.085	1.088	1.088	1.088	1.088	1.089	1.091	1.091	1.091	1.085	1.083	1.004	0.857	0.564
Almaraz 2	S13	SL00	WE 17x17	3.38	0			28199	0.636	0.919	1.038	1.079	1.090	1.092	1.090	1.086	1.086	1.085	1.085	1.085	1.083	1.076	1.054	0.998	0.856	0.562
Almaraz 2	L41	L00	WE 17x17	2.10	0			28521	0.617	0.908	1.034	1.082	1.098	1.101	1.100	1.099	1.097	1.097	1.097	1.096	1.093	1.081	1.052	0.983	0.831	0.535
Almaraz 2	T72	TH00	WE 17x17	3.60	0			29176	0.672	0.948	1.047	1.074	1.079	1.077	1.075	1.073	1.071	1.070	1.070	1.070	1.069	1.065	1.061	1.007	0.864	0.587
Almaraz 2	P22	P00	WE 17x17	2.60	0			29462	0.652	0.930	1.038	1.074	1.084	1.086	1.085	1.084	1.083	1.082	1.081	1.080	1.077	1.070	1.051	0.999	0.868	0.577
Almaraz 2	V32	VL12	WE 17x17	3.60	12		B4C	29663	0.673	0.954	1.054	1.081	1.085	1.083	1.080	1.077	1.075	1.073	1.071	1.069	1.066	1.061	1.045	0.999	0.872	0.584
Almaraz 2	N03	N00	WE 17x17	3.10	0			29725	0.652	0.934	1.045	1.079	1.085	1.084	1.081	1.079	1.077	1.076	1.076	1.077	1.077	1.073	1.058	1.005	0.870	0.574
Almaraz 2	E46	EH00	WE 17x17	3.60	0			29777	0.660	0.937	1.045	1.079	1.088	1.089	1.087	1.084	1.082	1.081	1.080	1.078	1.074	1.066	1.045	0.992	0.860	0.574
Almaraz 2	N49	N00	WE 17x17	3.10	0			30662	0.635	0.923	1.044	1.085	1.096	1.097	1.094	1.091	1.089	1.087	1.085	1.084	1.081	1.074	1.051	0.991	0.846	0.546
Almaraz 2	E18	EL00	WE 17x17	3.38	0			30702	0.661	0.938	1.047	1.082	1.092	1.092	1.090	1.087	1.085	1.083	1.081	1.078	1.073	1.063	1.041	0.986	0.853	0.569
Almaraz 2	E25	EL20	WE 17x17	3.38	20		B4C	31168	0.658	0.923	1.029	1.062	1.072	1.075	1.076	1.077	1.078	1.079	1.080	1.082	1.082	1.077	1.060	1.012	0.882	0.588
Almaraz 2	E37	EH08	WE 17x17	3.60	8		B4C	31450	0.653	0.933	1.049	1.088	1.096	1.099	1.096	1.093	1.090	1.087	1.085	1.081	1.075	1.063	1.038	0.978	0.839	0.555
Almaraz 2	P17	P00	WE 17x17	2.60	0			31701	0.651	0.930	1.041	1.077	1.087	1.088	1.087	1.085	1.084	1.082	1.081	1.079	1.076	1.069	1.049	0.987	0.863	0.573
Almaraz 2	U49	U712	WE 17x17	0.00	12		B4C	31766	0.670	0.958	1.064	1.095	1.099	1.095	1.090	1.085	1.080	1.076	1.072	1.068	1.063	1.055	1.035	0.983	0.851	0.565

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Almaraz 2	S56	SH00	WE 17x17	3.60	0			31868	0.839	0.923	1.043	1.085	1.096	1.097	1.094	1.091	1.089	1.087	1.086	1.084	1.081	1.072	1.047	0.987	0.844	0.554
Almaraz 2	E09	EL20	WE 17x17	3.38	20		B4C	31913	0.854	0.924	1.035	1.071	1.083	1.086	1.086	1.085	1.085	1.085	1.085	1.084	1.081	1.073	1.051	0.996	0.860	0.577
Almaraz 2	E07	EL12	WE 17x17	3.38	12		B4C	32145	0.861	0.929	1.032	1.064	1.073	1.075	1.075	1.076	1.076	1.077	1.079	1.079	1.079	1.074	1.059	1.011	0.883	0.599
Almaraz 2	E18	EL00	WE 17x17	3.38	0			32340	0.847	0.926	1.039	1.078	1.089	1.091	1.090	1.088	1.086	1.085	1.084	1.083	1.079	1.071	1.049	0.994	0.858	0.582
Almaraz 2	E33	EH12	WE 17x17	3.60	12		B4C	32704	0.865	0.934	1.040	1.074	1.084	1.085	1.084	1.083	1.082	1.081	1.080	1.079	1.075	1.067	1.047	0.994	0.863	0.582
Almaraz 2	S60	SH00	WE 17x17	3.60	0			32891	0.852	0.932	1.044	1.080	1.089	1.089	1.087	1.084	1.082	1.080	1.079	1.078	1.076	1.069	1.050	0.996	0.863	0.570
Almaraz 2	V06	VL06	WE 17x17	3.60	8		B4C	33141	0.873	0.956	1.061	1.090	1.094	1.091	1.086	1.082	1.078	1.075	1.071	1.066	1.064	1.058	1.038	0.988	0.859	0.572
Almaraz 2	E19	EL12	WE 17x17	3.38	12		B4C	33200	0.864	0.931	1.035	1.067	1.076	1.078	1.079	1.079	1.079	1.080	1.080	1.080	1.079	1.073	1.056	1.007	0.876	0.581
Almaraz 2	S44	SL00	WE 17x17	3.38	0			33644	0.840	0.919	1.036	1.077	1.089	1.091	1.090	1.088	1.087	1.086	1.086	1.086	1.083	1.075	1.053	0.994	0.854	0.565
Almaraz 2	S37	SL06	WE 17x17	3.38	8		B4C	33690	0.843	0.922	1.040	1.080	1.091	1.093	1.091	1.088	1.087	1.086	1.085	1.084	1.082	1.074	1.051	0.992	0.850	0.562
Almaraz 2	N24	N00	WE 17x17	3.10	0			33882	0.851	0.928	1.040	1.077	1.087	1.088	1.087	1.086	1.085	1.083	1.083	1.081	1.079	1.071	1.050	0.996	0.861	0.568
Almaraz 2	T10	TL20	WE 17x17	3.38	20		B4C	33900	0.836	0.912	1.029	1.068	1.080	1.083	1.083	1.083	1.083	1.084	1.085	1.087	1.087	1.082	1.063	1.008	0.870	0.579
Almaraz 2	V57	VH00	WE 17x17	4.10	0			33992	0.880	0.950	1.050	1.087	1.091	1.088	1.083	1.079	1.075	1.072	1.069	1.066	1.063	1.056	1.036	0.990	0.865	0.580
Almaraz 2	T19	TL16	WE 17x17	3.38	16		B4C	34028	0.843	0.918	1.034	1.074	1.085	1.087	1.087	1.085	1.085	1.085	1.085	1.085	1.083	1.076	1.055	0.999	0.860	0.574
Almaraz 2	T20	TL08	WE 17x17	3.38	8		B4C	34066	0.862	0.938	1.046	1.079	1.086	1.085	1.083	1.081	1.079	1.077	1.077	1.076	1.073	1.067	1.049	0.997	0.866	0.580
Almaraz 2	T68	TH00	WE 17x17	3.60	0			34220	0.872	0.946	1.048	1.078	1.084	1.084	1.081	1.078	1.076	1.074	1.073	1.072	1.070	1.063	1.046	0.997	0.871	0.587
Almaraz 2	T49	TL16	WE 17x17	3.38	16		B4C	34367	0.845	0.918	1.032	1.071	1.082	1.084	1.084	1.083	1.083	1.083	1.084	1.084	1.084	1.078	1.058	1.004	0.866	0.578
Almaraz 2	S47	SL16	WE 17x17	3.38	16		B4C	34469	0.837	0.917	1.037	1.078	1.090	1.091	1.090	1.088	1.086	1.085	1.085	1.085	1.083	1.076	1.055	0.997	0.855	0.563
Almaraz 2	N11	N00	WE 17x17	3.10	0			34682	0.864	0.937	1.041	1.073	1.080	1.080	1.079	1.078	1.077	1.076	1.076	1.075	1.074	1.069	1.053	1.004	0.876	0.589
Almaraz 2	N34	N12	WE 17x17	3.10	12		B4C	34741	0.850	0.926	1.041	1.077	1.086	1.086	1.084	1.082	1.081	1.080	1.080	1.080	1.079	1.074	1.055	1.002	0.866	0.567
Almaraz 2	N41	N00	WE 17x17	3.10	0			34844	0.867	0.938	1.040	1.070	1.077	1.077	1.075	1.074	1.074	1.074	1.074	1.075	1.076	1.073	1.058	1.011	0.880	0.588
Almaraz 2	E46	EH00	WE 17x17	3.60	0			35581	0.860	0.932	1.038	1.073	1.082	1.084	1.083	1.081	1.080	1.079	1.079	1.079	1.076	1.070	1.050	1.000	0.870	0.585
Almaraz 2	T26	TL08	WE 17x17	3.38	8		B4C	35683	0.867	0.942	1.049	1.082	1.089	1.088	1.085	1.082	1.079	1.077	1.076	1.074	1.071	1.063	1.044	0.992	0.861	0.578
Almaraz 2	T72	TH00	WE 17x17	3.60	0			35788	0.878	0.946	1.041	1.066	1.073	1.072	1.071	1.069	1.068	1.068	1.069	1.069	1.069	1.066	1.054	1.013	0.895	0.610
Almaraz 2	T53	TL06	WE 17x17	3.38	8		B4C	36005	0.866	0.937	1.042	1.074	1.081	1.081	1.080	1.078	1.077	1.076	1.076	1.076	1.074	1.069	1.051	1.002	0.873	0.587
Almaraz 2	U67	U712	WE 17x17	0.00	12		B4C	36196	0.884	0.957	1.053	1.079	1.083	1.080	1.077	1.074	1.072	1.070	1.068	1.066	1.064	1.058	1.043	0.999	0.878	0.596
Almaraz 2	U12	UL16	WE 17x17	3.60	16		B4C	36276	0.875	0.954	1.056	1.084	1.088	1.085	1.082	1.079	1.076	1.073	1.070	1.068	1.065	1.059	1.042	0.995	0.868	0.583
Almaraz 2	S05	SL12	WE 17x17	3.38	12		B4C	36354	0.840	0.912	1.029	1.070	1.083	1.085	1.085	1.085	1.085	1.086	1.087	1.088	1.087	1.080	1.059	1.002	0.861	0.576
Almaraz 2	S06	SL12	WE 17x17	3.38	12		B4C	36443	0.848	0.917	1.028	1.066	1.077	1.080	1.080	1.080	1.081	1.082	1.084	1.085	1.085	1.080	1.061	1.007	0.871	0.587
Almaraz 2	P28	P00	WE 17x17	2.60	0			36502	0.889	0.935	1.033	1.063	1.071	1.072	1.072	1.072	1.072	1.072	1.073	1.075	1.075	1.072	1.059	1.015	0.883	0.606
Almaraz 2	T08	TL12	WE 17x17	3.38	12		B4C	36591	0.858	0.934	1.045	1.080	1.089	1.089	1.087	1.084	1.082	1.081	1.080	1.078	1.075	1.068	1.047	0.993	0.858	0.574
Almaraz 2	S42	SL16	WE 17x17	3.38	16		B4C	36809	0.845	0.912	1.024	1.062	1.073	1.077	1.077	1.078	1.079	1.081	1.084	1.087	1.088	1.084	1.066	1.014	0.878	0.582
Almaraz 2	S07	SL16	WE 17x17	3.38	16		B4C	36857	0.848	0.914	1.026	1.063	1.075	1.078	1.078	1.079	1.079	1.081	1.084	1.086	1.087	1.082	1.065	1.012	0.876	0.580
Almaraz 2	S18	SL12	WE 17x17	3.38	12		B4C	36977	0.845	0.914	1.026	1.065	1.077	1.080	1.081	1.081	1.082	1.083	1.085	1.087	1.086	1.081	1.062	1.007	0.871	0.587
Almaraz 2	N01	N12	WE 17x17	3.10	12		B4C	37134	0.855	0.927	1.034	1.067	1.075	1.076	1.075	1.075	1.075	1.076	1.077	1.079	1.080	1.077	1.062	1.014	0.884	0.595
Almaraz 2	S56	SH00	WE 17x17	3.60	0			37135	0.849	0.926	1.040	1.079	1.089	1.090	1.088	1.086	1.084	1.083	1.082	1.081	1.079	1.071	1.050	0.994	0.858	0.570
Almaraz 2	P39	P00	WE 17x17	2.60	0			37502	0.883	0.937	1.044	1.078	1.088	1.086	1.085	1.082	1.080	1.079	1.078	1.076	1.073	1.066	1.047	0.995	0.865	0.580
Almaraz 2	U11	UL12	WE 17x17	3.60	12		B4C	37516	0.886	0.949	1.043	1.068	1.072	1.071	1.070	1.069	1.068	1.068	1.068	1.068	1.068	1.065	1.052	1.011	0.892	0.613
Almaraz 2	V59	VH00	WE 17x17	4.10	0			37770	0.897	0.963	1.051	1.073	1.076	1.074	1.071	1.069	1.067	1.065	1.064	1.063	1.061	1.057	1.044	1.004	0.889	0.612
Almaraz 2	T51	TL12	WE 17x17	3.38	12		B4C	37771	0.860	0.932	1.039	1.073	1.081	1.082	1.081	1.079	1.078	1.078	1.078	1.078	1.077	1.071	1.053	1.002	0.870	0.587
Almaraz 2	T34	TL16	WE 17x17	3.38	16		B4C	37773	0.850	0.923	1.037	1.075	1.085	1.087	1.085	1.084	1.083	1.083	1.083	1.083	1.081	1.074	1.053	0.996	0.860	0.578
Almaraz 2	M06	M12	WE 17x17	2.60	12		B4C	37774	0.836	0.914	1.033	1.076	1.090	1.093	1.093	1.092	1.091	1.091	1.091	1.090	1.087	1.078	1.053	0.992	0.847	0.554
Almaraz 2	T44	TL16	WE 17x17	3.38	16		B4C	38197	0.856	0.922	1.028	1.062	1.072	1.074	1.075	1.075	1.076	1.078	1.080	1.082	1.082	1.078	1.062	1.013	0.883	0.601
Almaraz 2	N50	N16	WE 17x17	3.10	16		B4C	38300	0.853	0.929	1.041	1.078	1.088	1.089	1.088	1.086	1.085	1.083	1.082	1.081	1.079	1.071	1.050	0.994	0.855	0.566
Almaraz 2	P09	P00	WE 17x17	2.60	0			38332	0.872	0.941	1.042	1.073	1.081	1.081	1.079	1.077	1.076	1.075	1.074	1.073	1.071	1.066	1.049	1.002	0.877	0.581
Almaraz 2	M03	M20	WE 17x17	2.60	20		B4C	38357	0.836	0.914	1.028	1.068	1.080	1.083	1.084	1.084	1.085	1.086	1.088	1.089	1.088	1.082	1.082	1.005	0.866	0.574
Almaraz 2	U57	UH08	WE 17x17	4.10	8		B4C	38446	0.888	0.960	1.057	1.084	1.088	1.085	1.081	1.077	1.074	1.071	1.069	1.066	1.062	1.054	1.037	0.990	0.867	0.589
Almaraz 2	T31	TL16	WE 17x17	3.38	16		B4C	38717	0.849	0.919	1.031	1.068	1.079	1.081	1.081	1.081	1.081	1.082	1.083	1.084	1.083	1.078	1.058	1.005	0.869	0.586
Almaraz 2	U10	UL12	WE 17x17	3.60	12		B4C	39234	0.875	0.952	1.058	1.089	1.094	1.092	1.088	1.083	1.080	1.078	1.073	1.070	1.066	1.057	1.037	0.985	0.853	0.572
Almaraz 2	U47	U712	WE 17x17	0.00	12		B4C	39642	0.891	0.962	1.058	1.083	1.087	1.084	1.080	1.076	1.073	1.070	1.067	1.064	1.061	1.054	1.037	0.992	0.870	0.592
Almaraz 2	P40	P00	WE 17x17	2.60	0			39735	0.845	0.916	1.029	1.069	1.082	1.086	1.087	1.086	1.086	1.086	1.087	1.088	1.084	1.076	1.054	0.999	0.864	0.578
Almaraz 2	U30	UL12	WE 17x17	3.60	12		B4C	39903	0.887	0.951	1.045	1.070	1.074	1.073	1.071	1.070	1.069	1.069	1.068	1.068	1.067	1.063	1.050	1.008	0.887	0.610
Almaraz 2	V38	VH00	WE 17x17	4.10	0			40047	0.882	0.965	1.062	1.086	1.091	1.086	1.083	1.078	1.074	1.071	1.067	1.064	1.059	1.051	1.033	0.986	0.863	0.585
Almaraz 2	P36	P00	WE 17x17	2.60	0			40055	0.874	0.938	1.037	1.067	1.074	1.075	1.075	1.074	1.074	1.073	1.074	1.074	1.073	1.066	1.053	1.006	0.885	0.604
Almaraz 2	U25	UL12	WE 17x17	3.60	12		B4C	40376	0.887	0.949	1.042	1.066	1.070	1.070	1.068	1.068	1.067	1.068	1.068	1.068	1.066	1.065	1.053	1.013	0.894	0.618
Almaraz 2	V45	VH04	WE 17x17	4.10	4		B4C	40425	0.886	0.963	1.054	1.077	1.080	1.077	1.074	1.071	1.069	1.067	1.065	1.063	1.061	1.055	1.041	0.999	0.881	0.605
Almaraz 2	U36	UL12	WE 17x17	3.60	12		B4C	40524	0.882	0.948	1.046	1.072	1.077	1.076	1.074	1.073	1.071	1.071	1.070	1.070	1.068	1.064	1.049	1.004	0.881	0.603
Almaraz 2	T68	TH00	WE 17x17	3.60	0			41174	0.874	0.944	1.044	1.074	1.081	1.080	1.078	1.076	1.074	1.073	1.073	1.072	1.070	1.065	1.048	1.001	0.878	0.596
Almaraz 2	T19	TL16	WE 17x17	3.38	16		B4C	41189	0.854	0.923	1.032	1.068	1.078	1.080	1.080	1.079	1.079	1.080	1.080	1.081	1.081	1.075	1.057	1.008	0.875	0.590
Almaraz 2	V34	VH04	WE 17x17	4.10	4		B4C	41195	0.893	0.963	1.057	1.081	1.084	1.082	1.078	1.074	1.072	1.069	1.067	1.064	1.061	1.054	1.038	0.994	0.873	0.587
Almaraz 2	U19	UL12	WE 17x17	3.60	12		B4C	41534	0.880	0.949	1.050	1.078	1.083	1.082	1.079	1.077	1.075	1.073	1.072	1.070	1.067	1.061	1.044	0.997	0.870	0.582
Almaraz 2	U60	UH12	WE 17x17	4.10	12		B4C	41592	0.890	0.965	1.065	1.091	1.094	1.091	1.088	1.081	1.076	1.072	1.068	1.064	1.058	1.050	1.031	0.982	0.857	0.580
Almaraz 2	V08	VL16	WE 17x17	3.60	16		B4C	42401	0.886	0.958	1.054	1.080	1.084	1.082	1.079	1.076	1.074	1.071	1.069	1.067	1.064	1.057	1.041	0.995	0.871	0.592
Almaraz 2	V07	VL08	WE 17x17	3.60	8		B4C	42595	0.889	0.959	1.055	1.081	1.085	1.083	1.080	1.076	1.074	1.071	1.069	1.067	1.063	1.056	1.039	0.992	0.869	0.592
Almaraz 2	T10	TL20	WE 17x17	3.38	20		B4C	42631	0.871	0.939	1.040	1.071	1.078	1.079	1.077	1.076	1.075	1.074	1.074	1.074	1.072	1.067	1.051	1.004	0.880	0.599
Almaraz 2	V21	VL12	WE 17x17	3.60	12		B4C	43033	0.890	0.957	1.050	1.074	1.078	1.076	1.074	1.072	1.070	1.069	1.068	1.067	1.064	1.059	1.045	1.002	0.882	0.604
Almaraz 2	S13	SL00	WE 17x17	3.38	0			43233	0.873	0.937	1.035	1.066	1.073	1.074	1.073	1.072	1.072	1.072	1.073	1.074	1.074	1.070	1.055	1.010	0.869	0.606

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Almaraz 2	V35	VH12	WE 17x17	4.10	12		B4C	43579	0.892	0.966	1.063	1.089	1.092	1.089	1.084	1.079	1.075	1.072	1.068	1.064	1.059	1.050	1.032	0.984	0.859	0.583
Almaraz 2	U47	U712	WE 17x17	0.00	12		B4C	45909	0.893	0.958	1.051	1.076	1.080	1.078	1.076	1.073	1.070	1.069	1.067	1.065	1.062	1.057	1.042	0.996	0.880	0.604
Almaraz 2	T72	TH00	WE 17x17	3.60	0			46880	0.889	0.948	1.038	1.064	1.069	1.069	1.068	1.067	1.066	1.066	1.067	1.067	1.067	1.065	1.052	1.013	0.901	0.623
Almaraz 2	S60	SH00	WE 17x17	3.60	0			47075	0.882	0.940	1.032	1.060	1.067	1.068	1.068	1.068	1.068	1.068	1.069	1.071	1.072	1.069	1.057	1.017	0.902	0.622
Almaraz 2	U60	UH12	WE 17x17	4.10	12		B4C	48304	0.894	0.961	1.055	1.080	1.084	1.082	1.078	1.075	1.072	1.069	1.067	1.064	1.061	1.054	1.038	0.993	0.874	0.599
Almaraz 2	S55	SH00	WE 17x17	3.60	0			49518	0.889	0.945	1.035	1.061	1.067	1.068	1.068	1.067	1.067	1.067	1.068	1.069	1.070	1.067	1.054	1.014	0.901	0.624
Almaraz 2	U49	U712	WE 17x17	0.00	12		B4C	51014	0.893	0.956	1.050	1.076	1.081	1.079	1.076	1.074	1.071	1.069	1.067	1.066	1.063	1.057	1.041	0.997	0.878	0.604

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height / Normalized Axial Burnup Distribution: 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Catawba 1	J10	MkBW	WE 17x17	3.45	0			10196	0.595	0.919	1.051	1.095	1.108	1.109	1.106	1.102	1.098	1.093	1.089	1.083	1.075	1.062	1.037	0.979	0.842	0.556
Catawba 1	J22	MkBW	WE 17x17	3.45	0			10433	0.593	0.914	1.043	1.087	1.101	1.103	1.101	1.098	1.095	1.092	1.089	1.085	1.078	1.067	1.044	0.989	0.854	0.567
Catawba 1	K07	MkBW	WE 17x17	3.65	0			11402	0.570	0.919	1.056	1.085	1.116	1.095	1.112	1.109	1.082	1.099	1.080	1.089	1.088	1.054	1.052	0.986	0.845	0.563
Catawba 1	J20	MkBW	WE 17x17	3.45	4	3	B4C	14144	0.642	0.950	1.088	1.103	1.113	1.112	1.107	1.100	1.094	1.087	1.079	1.070	1.059	1.044	1.017	0.959	0.830	0.570
Catawba 1	J68	MkBW	WE 17x17	3.45	4	3	B4C	15748	0.656	0.963	1.074	1.106	1.117	1.115	1.109	1.103	1.098	1.087	1.079	1.069	1.058	1.042	1.014	0.954	0.814	0.543
Catawba 1	J54	MkBW	WE 17x17	3.45	4	3	B4C	15796	0.642	0.948	1.082	1.099	1.109	1.106	1.104	1.098	1.092	1.085	1.077	1.068	1.058	1.044	1.019	0.965	0.840	0.583
Catawba 1	K09	MkBW	WE 17x17	3.65	4	2.5	B4C	15840	0.609	0.944	1.069	1.093	1.122	1.099	1.114	1.108	1.079	1.094	1.072	1.077	1.073	1.037	1.033	0.966	0.833	0.578
Catawba 1	K10	MkBW	WE 17x17	3.65	4	2.5	B4C	16442	0.616	0.946	1.066	1.087	1.116	1.094	1.110	1.105	1.077	1.093	1.071	1.077	1.073	1.036	1.036	0.972	0.841	0.583
Catawba 1	J16	MkBW	WE 17x17	3.45	12	3	B4C	16665	0.696	0.964	1.050	1.080	1.088	1.089	1.086	1.082	1.078	1.072	1.066	1.059	1.052	1.040	1.018	0.971	0.863	0.644
Catawba 1	J06	MkBW	WE 17x17	3.45	12	3	B4C	16735	0.702	0.966	1.049	1.076	1.084	1.084	1.082	1.079	1.075	1.070	1.064	1.059	1.051	1.041	1.021	0.976	0.869	0.652
Catawba 1	K04	MkBW	WE 17x17	3.65	16	2	B4C	16943	0.650	0.957	1.084	1.084	1.112	1.090	1.104	1.099	1.071	1.086	1.064	1.069	1.065	1.030	1.027	0.965	0.842	0.621
Catawba 1	J28	MkBW	WE 17x17	3.45	12	3	B4C	17224	0.692	0.968	1.065	1.099	1.107	1.106	1.100	1.094	1.086	1.077	1.068	1.058	1.047	1.032	1.006	0.951	0.833	0.612
Catawba 1	J36	MkBW	WE 17x17	3.45	12	3	B4C	17475	0.698	0.968	1.065	1.082	1.089	1.089	1.086	1.082	1.077	1.071	1.065	1.058	1.050	1.040	1.019	0.972	0.861	0.640
Catawba 1	J65	MkBW	WE 17x17	3.45	12	3	B4C	17614	0.700	0.975	1.068	1.099	1.107	1.105	1.100	1.094	1.088	1.078	1.069	1.060	1.049	1.034	1.008	0.952	0.825	0.591
Catawba 1	K03	MkBW	WE 17x17	3.65	20	2	B4C	19463	0.676	0.968	1.083	1.078	1.104	1.082	1.098	1.092	1.065	1.078	1.056	1.061	1.058	1.025	1.025	0.966	0.855	0.650
Catawba 1	K08	MkBW	WE 17x17	3.65	20	2	B4C	19477	0.675	0.971	1.070	1.088	1.115	1.092	1.106	1.100	1.071	1.083	1.059	1.063	1.057	1.022	1.017	0.954	0.833	0.625
Catawba 1	K06	MkBW	WE 17x17	3.65	20	2	B4C	19484	0.674	0.973	1.073	1.091	1.117	1.094	1.107	1.101	1.071	1.082	1.058	1.061	1.055	1.019	1.014	0.951	0.832	0.626
Catawba 1	K02	MkBW	WE 17x17	3.65	16	2	B4C	19707	0.664	0.962	1.058	1.073	1.099	1.078	1.094	1.090	1.064	1.079	1.058	1.064	1.062	1.030	1.032	0.977	0.866	0.651
Catawba 1	K01	MkBW	WE 17x17	3.65	12	2.5	B4C	19891	0.660	0.961	1.059	1.074	1.101	1.080	1.096	1.092	1.066	1.081	1.060	1.065	1.063	1.032	1.033	0.978	0.862	0.637
Catawba 1	K05	MkBW	WE 17x17	3.65	16	2.5	B4C	20069	0.674	0.970	1.065	1.081	1.107	1.085	1.100	1.095	1.066	1.079	1.057	1.081	1.057	1.023	1.022	0.964	0.850	0.644
Catawba 1	H06	MkBW	WE 17x17	3.55				20991	0.661	0.940	1.063	1.091	1.094	1.094	1.090	1.086	1.082	1.078	1.074	1.070	1.064	1.055	1.035	0.965	0.849	0.588
Catawba 1	J16	MkBW	WE 17x17	3.45	12	3	B4C	23760	0.693	0.935	1.045	1.072	1.086	1.082	1.086	1.084	1.074	1.076	1.067	1.067	1.062	1.045	1.032	0.961	0.864	0.648
Catawba 1	J70	MkBW	WE 17x17	3.45	12	3	B4C	25096	0.696	0.942	1.051	1.077	1.091	1.086	1.089	1.086	1.075	1.077	1.067	1.066	1.061	1.043	1.030	0.977	0.856	0.630
Catawba 1	J28	MkBW	WE 17x17	3.45	12	3	B4C	26351	0.666	0.940	1.052	1.080	1.095	1.089	1.093	1.089	1.076	1.078	1.067	1.066	1.060	1.041	1.027	0.973	0.853	0.633
Catawba 1	H46	MkBW	WE 17x17	3.55				26570	0.684	0.946	1.061	1.089	1.093	1.093	1.089	1.084	1.080	1.075	1.070	1.064	1.058	1.048	1.028	0.979	0.852	0.609
Catawba 1	J36	MkBW	WE 17x17	3.45	12	3	B4C	26717	0.682	0.939	1.047	1.072	1.086	1.080	1.085	1.082	1.071	1.075	1.065	1.066	1.062	1.045	1.034	0.984	0.867	0.648
Catawba 1	H17	MkBW	WE 17x17	3.55				27967	0.666	0.948	1.055	1.082	1.088	1.086	1.086	1.082	1.079	1.075	1.071	1.066	1.061	1.051	1.033	0.988	0.868	0.614
Catawba 1	J22	MkBW	WE 17x17	3.45	0			28237	0.642	0.936	1.046	1.068	1.089	1.078	1.088	1.086	1.071	1.081	1.068	1.072	1.071	1.049	1.045	0.996	0.879	0.635
Catawba 1	J10	MkBW	WE 17x17	3.45	0			28419	0.647	0.945	1.059	1.082	1.103	1.089	1.096	1.094	1.076	1.084	1.068	1.070	1.068	1.040	1.032	0.977	0.856	0.614
Catawba 1	H69	MkBW	WE 17x17	3.55				28625	0.666	0.948	1.065	1.081	1.086	1.086	1.084	1.081	1.079	1.076	1.072	1.068	1.063	1.055	1.038	0.993	0.866	0.603
Catawba 1	H32	MkBW	WE 17x17	3.55				28779	0.711	0.956	1.057	1.080	1.083	1.083	1.080	1.076	1.073	1.069	1.064	1.060	1.055	1.046	1.028	0.983	0.863	0.632
Catawba 1	J20	MkBW	WE 17x17	3.45	4	3	B4C	29646	0.660	0.945	1.062	1.088	1.106	1.095	1.101	1.096	1.079	1.084	1.070	1.069	1.063	1.038	1.026	0.969	0.844	0.606
Catawba 1	G68	OFA	WE 17x17	3.40				30280	0.683	0.931	1.053	1.083	1.087	1.088	1.085	1.082	1.079	1.076	1.073	1.070	1.066	1.058	1.041	0.994	0.863	0.610
Catawba 1	G23	OFA	WE 17x17	3.40				31120	0.667	0.934	1.061	1.081	1.087	1.087	1.085	1.082	1.079	1.076	1.072	1.069	1.065	1.056	1.039	0.992	0.864	0.614
Catawba 1	H48	MkBW	WE 17x17	3.55				31916	0.682	0.961	1.069	1.095	1.099	1.098	1.093	1.088	1.083	1.077	1.070	1.063	1.055	1.043	1.021	0.968	0.839	0.588
Catawba 1	H17	MkBW	WE 17x17	3.55				32288	0.694	0.934	1.045	1.071	1.079	1.078	1.079	1.077	1.072	1.072	1.067	1.066	1.062	1.051	1.038	0.984	0.874	0.649
Catawba 1	H56	MkBW	WE 17x17	3.55				32359	0.706	0.960	1.064	1.089	1.093	1.092	1.088	1.083	1.078	1.072	1.066	1.060	1.052	1.041	1.020	0.971	0.849	0.614
Catawba 1	J54	MkBW	WE 17x17	3.45	4	3	B4C	32552	0.667	0.946	1.060	1.085	1.103	1.092	1.098	1.094	1.077	1.082	1.068	1.067	1.061	1.037	1.026	0.971	0.849	0.617
Catawba 1	H36	MkBW	WE 17x17	3.55				32978	0.712	0.955	1.052	1.074	1.078	1.078	1.075	1.072	1.069	1.066	1.062	1.058	1.053	1.045	1.029	0.989	0.879	0.654
Catawba 1	J68	MkBW	WE 17x17	3.45	4	3	B4C	33448	0.678	0.952	1.058	1.080	1.096	1.086	1.093	1.089	1.073	1.079	1.066	1.066	1.061	1.039	1.030	0.977	0.857	0.621
Catawba 1	H54	MkBW	WE 17x17	3.55				33690	0.712	0.957	1.054	1.077	1.080	1.080	1.077	1.074	1.071	1.067	1.062	1.057	1.052	1.043	1.027	0.985	0.875	0.650
Catawba 1	H14	MkBW	WE 17x17	3.55				33759	0.714	0.962	1.057	1.079	1.082	1.082	1.079	1.075	1.072	1.067	1.063	1.058	1.052	1.043	1.026	0.983	0.869	0.636
Catawba 1	J65	MkBW	WE 17x17	3.45	12	3	B4C	33825	0.693	0.952	1.056	1.077	1.092	1.083	1.089	1.086	1.071	1.076	1.064	1.064	1.059	1.038	1.028	0.976	0.861	0.635
Catawba 1	H44	MkBW	WE 17x17	3.55				33957	0.715	0.964	1.061	1.083	1.086	1.086	1.082	1.078	1.074	1.069	1.063	1.057	1.051	1.041	1.022	0.977	0.861	0.632
Catawba 1	H57	MkBW	WE 17x17	3.55				34174	0.716	0.961	1.055	1.075	1.078	1.078	1.075	1.072	1.069	1.065	1.061	1.056	1.051	1.043	1.027	0.987	0.878	0.653
Catawba 1	H06	MkBW	WE 17x17	3.55				34506	0.676	0.941	1.050	1.073	1.086	1.079	1.084	1.082	1.070	1.076	1.067	1.068	1.066	1.049	1.040	0.990	0.870	0.633
Catawba 1	J06	MkBW	WE 17x17	3.45	12	3	B4C	34941	0.699	0.955	1.064	1.073	1.090	1.080	1.087	1.084	1.068	1.074	1.061	1.061	1.057	1.035	1.026	0.976	0.866	0.655
Catawba 1	H69	MkBW	WE 17x17	3.55				37421	0.690	0.935	1.044	1.068	1.078	1.075	1.078	1.077	1.070	1.073	1.067	1.068	1.066	1.053	1.043	0.997	0.876	0.643
Catawba 1	H70	MkBW	WE 17x17	3.55				37985	0.682	0.946	1.050	1.071	1.085	1.077	1.083	1.081	1.068	1.075	1.064	1.066	1.063	1.045	1.036	0.990	0.873	0.642
Catawba 1	F33		WE 17x17	3.25				40357	0.688	0.942	1.046	1.071	1.075	1.076	1.075	1.073	1.071	1.069	1.067	1.065	1.061	1.054	1.040	0.999	0.884	0.645
Catawba 1	G15	OFA	WE 17x17	3.40				41496	0.701	0.952	1.056	1.080	1.085	1.086	1.084	1.081	1.078	1.075	1.072	1.069	1.064	1.056	1.039	0.993	0.859	0.570
Catawba 1	G56	OFA	WE 17x17	3.40				42200	0.699	0.945	1.046	1.069	1.073	1.074	1.073	1.071	1.069	1.067	1.065	1.063	1.059	1.053	1.039	1.000	0.886	0.651
Catawba 1	E17		WE 17x17	3.40				42864	0.700	0.943	1.041	1.063	1.067	1.068	1.068	1.067	1.067	1.066	1.065	1.063	1.061	1.056	1.043	1.006	0.895	0.663
Catawba 1	H46	MkBW	WE 17x17	3.55				42967	0.700	0.950	1.052	1.074	1.087	1.080	1.084	1.081	1.069	1.073	1.063	1.062	1.058	1.040	1.030	0.981	0.867	0.649
Catawba 1	H32	MkBW	WE 17x17	3.55				43410	0.714	0.952	1.051	1.072	1.083	1.077	1.081	1.079	1.068	1.072	1.063	1.063	1.060	1.044	1.033	0.985	0.868	0.636
Catawba 1	G60	OFA	WE 17x17	3.40				43736	0.688	0.945	1.046	1.083	1.075	1.069	1.075	1.074	1.064	1.071	1.064	1.067	1.066	1.062	1.048	1.007	0.890	0.637
Catawba 1	G66	OFA	WE 17x17	3.40				44055	0.697	0.942	1.047	1.072	1.076	1.077	1.076	1.074	1.071	1.069	1.066	1.064	1.060	1.053	1.038	0.997	0.879	0.642
Catawba 1	G64	OFA	WE 17x17	3.40				44506	0.701	0.960	1.063	1.077	1.081	1.082	1.079	1.076	1.074	1.071	1.067	1.064	1.059	1.050	1.033	0.989	0.868	0.626
Catawba 1	G68	OFA	WE 17x17	3.40				45461	0.689	0.938	1.041	1.064	1.076	1.071	1.076	1.074	1.065	1.071	1.064	1.066	1.065	1.051	1.043	0.999	0.886	0.661
Catawba 1	G47	OFA	WE 17x17	3.40				45887	0.710	0.948	1.045	1.065	1.068	1.070	1.070	1.069	1.069	1.069	1.068	1.068	1.067	1.063	1.052	1.014	0.896	0.602
Catawba 1	G69	OFA	WE 17x17	3.40				46309	0.692	0.940	1.042	1.065	1.078	1.072	1.077	1.075	1.066	1.071	1.064	1.065	1.064	1.049	1.041	0.996	0.884	0.661
Catawba 1	H56	MkBW	WE 17x17	3.55				47544	0.717	0.950	1.048	1.068	1.080	1.074	1.078	1.075	1.066	1.069	1.061	1.061	1.057	1.042	1.032	0.986	0.875	0.663

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Catawba 2	T07	MkBW	WE 17x17	3.75	0			11677	0.590	0.935	1.083	1.090	1.112	1.095	1.106	1.106	1.078	1.096	1.082	1.077	1.079	1.046	1.046	0.989	0.846	0.573
Catawba 2	S19	OFA	WE 17x17	3.75	0			12370	0.629	0.902	1.078	1.097	1.087	1.100	1.094	1.090	1.066	1.082	1.079	1.076	1.072	1.060	1.045	1.005	0.832	0.577
Catawba 2	S38	OFA	WE 17x17	3.75	0			13243	0.632	0.903	1.077	1.096	1.096	1.099	1.094	1.089	1.085	1.082	1.078	1.075	1.071	1.059	1.044	1.005	0.833	0.580
Catawba 2	T09	MkBW	WE 17x17	3.75	4	3	B4C	16179	0.629	0.980	1.075	1.088	1.117	1.097	1.107	1.105	1.075	1.091	1.073	1.085	1.086	1.031	1.029	0.972	0.835	0.586
Catawba 2	S73	OFA	WE 17x17	3.75	4			16658	0.656	0.921	1.088	1.103	1.100	1.101	1.094	1.088	1.083	1.078	1.072	1.067	1.061	1.049	1.032	0.992	0.827	0.585
Catawba 2	T10	MkBW	WE 17x17	3.75	4	3	B4C	17076	0.637	0.984	1.074	1.085	1.114	1.095	1.105	1.103	1.075	1.091	1.074	1.086	1.088	1.033	1.032	0.976	0.834	0.574
Catawba 2	S45	OFA	WE 17x17	3.75	4			17244	0.669	0.926	1.067	1.099	1.095	1.098	1.090	1.085	1.081	1.077	1.072	1.068	1.064	1.053	1.039	0.998	0.826	0.574
Catawba 2	T04	MkBW	WE 17x17	3.75	12	3	B4C	17421	0.670	0.973	1.071	1.082	1.110	1.091	1.100	1.098	1.068	1.083	1.085	1.056	1.056	1.021	1.020	0.986	0.842	0.629
Catawba 2	S67	OFA	WE 17x17	3.75	12			18754	0.675	0.927	1.088	1.103	1.100	1.101	1.094	1.088	1.082	1.075	1.069	1.062	1.056	1.043	1.026	0.985	0.828	0.599
Catawba 2	T06	MkBW	WE 17x17	3.75	12	3	B4C	18755	0.684	0.981	1.073	1.080	1.108	1.089	1.096	1.096	1.067	1.081	1.063	1.055	1.056	1.022	1.021	0.988	0.839	0.619
Catawba 2	T03	MkBW	WE 17x17	3.75	12	3	B4C	18793	0.682	0.977	1.066	1.072	1.099	1.080	1.090	1.089	1.061	1.076	1.059	1.052	1.054	1.023	1.025	0.978	0.862	0.654
Catawba 2	T01	MkBW	WE 17x17	3.75	8	3	B4C	18802	0.667	0.973	1.066	1.071	1.098	1.079	1.089	1.089	1.062	1.079	1.063	1.057	1.061	1.031	1.036	0.988	0.863	0.626
Catawba 2	T02	MkBW	WE 17x17	3.75	8	3	B4C	18876	0.667	0.973	1.066	1.071	1.097	1.078	1.088	1.088	1.060	1.076	1.060	1.055	1.058	1.028	1.033	0.988	0.870	0.646
Catawba 2	T05	MkBW	WE 17x17	3.75	8	3	B4C	19095	0.670	0.976	1.069	1.075	1.102	1.083	1.092	1.091	1.063	1.078	1.061	1.054	1.056	1.024	1.026	0.979	0.861	0.639
Catawba 2	T08	MkBW	WE 17x17	3.75	16	3	B4C	19199	0.694	0.985	1.076	1.084	1.112	1.092	1.100	1.097	1.066	1.079	1.059	1.050	1.049	1.014	1.012	0.957	0.835	0.638
Catawba 2	S11	OFA	WE 17x17	3.75	12			19344	0.690	0.924	1.070	1.076	1.071	1.073	1.070	1.068	1.067	1.065	1.064	1.063	1.063	1.059	1.053	1.024	0.868	0.633
Catawba 2	S10	OFA	WE 17x17	3.75	16			19992	0.694	0.929	1.076	1.085	1.081	1.082	1.077	1.073	1.069	1.065	1.061	1.058	1.055	1.047	1.037	1.007	0.861	0.644
Catawba 2	S23	OFA	WE 17x17	3.75	16			20230	0.690	0.926	1.075	1.085	1.081	1.082	1.078	1.074	1.070	1.066	1.062	1.059	1.056	1.048	1.038	1.006	0.861	0.642
Catawba 2	S44	OFA	WE 17x17	3.75	16			20323	0.692	0.930	1.080	1.091	1.088	1.088	1.083	1.078	1.073	1.068	1.063	1.058	1.054	1.044	1.032	0.996	0.850	0.631
Catawba 2	S27	OFA	WE 17x17	3.75	12			20414	0.693	0.936	1.090	1.100	1.096	1.098	1.089	1.083	1.078	1.071	1.065	1.060	1.055	1.044	1.030	0.989	0.829	0.595
Catawba 2	S09	OFA	WE 17x17	3.75	16			20416	0.689	0.934	1.090	1.103	1.100	1.099	1.092	1.086	1.079	1.072	1.065	1.058	1.052	1.039	1.023	0.982	0.829	0.607
Catawba 2	S80	OFA	WE 17x17	3.75	0			23201	0.634	0.933	1.053	1.075	1.082	1.085	1.089	1.088	1.074	1.082	1.074	1.072	1.072	1.053	1.046	1.000	0.868	0.609
Catawba 2	S27	OFA	WE 17x17	3.75	12			26434	0.681	0.945	1.059	1.080	1.087	1.083	1.083	1.080	1.072	1.073	1.087	1.084	1.083	1.050	1.040	0.993	0.862	0.616
Catawba 2	R59		WE 17x17	3.50				27813	0.669	0.917	1.075	1.090	1.088	1.090	1.085	1.080	1.077	1.073	1.070	1.067	1.064	1.053	1.040	1.004	0.846	0.613
Catawba 2	R04		WE 17x17	3.50				27862	0.676	0.913	1.064	1.077	1.076	1.079	1.076	1.074	1.073	1.071	1.069	1.068	1.066	1.056	1.048	1.016	0.862	0.633
Catawba 2	S44	OFA	WE 17x17	3.75	16			27929	0.677	0.941	1.055	1.077	1.086	1.081	1.082	1.080	1.070	1.072	1.066	1.063	1.062	1.048	1.039	0.995	0.871	0.637
Catawba 2	R16		WE 17x17	3.50				28756	0.676	0.913	1.063	1.072	1.069	1.072	1.070	1.068	1.067	1.066	1.066	1.066	1.066	1.060	1.054	1.029	0.877	0.647
Catawba 2	R56		WE 17x17	3.50				30008	0.676	0.918	1.071	1.083	1.081	1.083	1.079	1.075	1.073	1.071	1.068	1.065	1.063	1.054	1.044	1.012	0.857	0.626
Catawba 2	S19	OFA	WE 17x17	3.75	0			30075	0.656	0.948	1.052	1.066	1.083	1.074	1.080	1.080	1.065	1.075	1.067	1.064	1.066	1.047	1.046	1.005	0.887	0.640
Catawba 2	S10	OFA	WE 17x17	3.75	16			30277	0.680	0.944	1.053	1.071	1.082	1.076	1.078	1.077	1.066	1.070	1.064	1.061	1.061	1.047	1.041	1.000	0.880	0.649
Catawba 2	Q55		WE 17x17	3.60				30558	0.675	0.913	1.064	1.080	1.080	1.084	1.081	1.079	1.077	1.074	1.071	1.069	1.065	1.056	1.043	1.006	0.854	0.626
Catawba 2	S09	OFA	WE 17x17	3.75	16			30613	0.676	0.947	1.060	1.081	1.082	1.085	1.087	1.084	1.072	1.075	1.067	1.063	1.061	1.045	1.035	0.987	0.861	0.624
Catawba 2	R48		WE 17x17	3.50				31556	0.674	0.920	1.077	1.091	1.089	1.091	1.086	1.081	1.077	1.074	1.070	1.067	1.062	1.052	1.038	1.001	0.842	0.608
Catawba 2	Q29		WE 17x17	3.60				31597	0.679	0.914	1.064	1.077	1.076	1.080	1.077	1.075	1.074	1.071	1.068	1.066	1.063	1.055	1.045	1.014	0.863	0.638
Catawba 2	S38	OFA	WE 17x17	3.75	0			31852	0.659	0.952	1.056	1.073	1.090	1.080	1.085	1.084	1.068	1.077	1.067	1.063	1.063	1.042	1.036	0.995	0.874	0.629
Catawba 2	S23	OFA	WE 17x17	3.75	16			31896	0.677	0.943	1.051	1.069	1.081	1.075	1.078	1.077	1.066	1.072	1.065	1.063	1.064	1.049	1.044	1.002	0.880	0.643
Catawba 2	R61		WE 17x17	3.50				33729	0.666	0.927	1.079	1.091	1.088	1.090	1.085	1.080	1.077	1.073	1.069	1.066	1.062	1.052	1.038	0.999	0.837	0.599
Catawba 2	R58		WE 17x17	3.50				34292	0.685	0.918	1.066	1.078	1.077	1.080	1.077	1.074	1.072	1.070	1.067	1.065	1.063	1.054	1.043	1.011	0.862	0.630
Catawba 2	S73	OFA	WE 17x17	3.75	4			34689	0.672	0.956	1.066	1.083	1.096	1.088	1.091	1.088	1.072	1.078	1.067	1.061	1.060	1.038	1.030	0.981	0.855	0.613
Catawba 2	S67	OFA	WE 17x17	3.75	12			35207	0.676	0.955	1.065	1.083	1.097	1.088	1.090	1.087	1.072	1.077	1.067	1.061	1.058	1.037	1.028	0.981	0.857	0.622
Catawba 2	S11	OFA	WE 17x17	3.75	12			35334	0.684	0.952	1.053	1.066	1.079	1.071	1.076	1.075	1.062	1.070	1.063	1.061	1.062	1.046	1.043	1.003	0.865	0.648
Catawba 2	S45	OFA	WE 17x17	3.75	4			35655	0.680	0.980	1.063	1.077	1.091	1.082	1.085	1.083	1.068	1.075	1.065	1.060	1.059	1.039	1.034	0.988	0.865	0.625
Catawba 2	R07		WE 17x17	3.50				35944	0.698	0.921	1.062	1.071	1.067	1.070	1.068	1.066	1.065	1.064	1.064	1.063	1.063	1.056	1.051	1.023	0.875	0.651
Catawba 2	R39		WE 17x17	3.50				36182	0.692	0.922	1.067	1.079	1.077	1.080	1.076	1.073	1.071	1.068	1.065	1.063	1.060	1.052	1.041	1.009	0.862	0.642
Catawba 2	R17		WE 17x17	3.50				36415	0.697	0.925	1.069	1.080	1.077	1.079	1.075	1.072	1.070	1.067	1.065	1.063	1.060	1.053	1.042	1.010	0.859	0.636
Catawba 2	Q53		WE 17x17	3.60				41831	0.699	0.919	1.065	1.078	1.077	1.080	1.077	1.074	1.073	1.070	1.067	1.065	1.062	1.053	1.042	1.010	0.861	0.639
Catawba 2	Q48		WE 17x17	3.60				42127	0.698	0.922	1.065	1.076	1.075	1.078	1.075	1.073	1.071	1.069	1.067	1.064	1.062	1.053	1.043	1.010	0.860	0.639
Catawba 2	Q21		WE 17x17	3.60				42690	0.695	0.924	1.069	1.080	1.079	1.083	1.080	1.077	1.076	1.074	1.072	1.070	1.067	1.056	1.048	1.016	0.845	0.587
Catawba 2	R04		WE 17x17	3.50				43064	0.687	0.944	1.044	1.060	1.072	1.067	1.071	1.071	1.062	1.068	1.063	1.062	1.063	1.050	1.046	1.008	0.894	0.666
Catawba 2	R59		WE 17x17	3.50				43292	0.683	0.946	1.050	1.068	1.079	1.073	1.076	1.075	1.065	1.070	1.064	1.062	1.063	1.048	1.043	1.002	0.883	0.649
Catawba 2	R20		WE 17x17	3.50				43497	0.684	0.947	1.061	1.069	1.080	1.074	1.076	1.075	1.065	1.070	1.064	1.061	1.062	1.047	1.041	1.000	0.883	0.651
Catawba 2	Q11		WE 17x17	3.60				43769	0.682	0.918	1.061	1.072	1.070	1.074	1.071	1.069	1.068	1.067	1.065	1.064	1.063	1.055	1.047	1.020	0.873	0.651
Catawba 2	Q49		WE 17x17	3.60				43941	0.686	0.920	1.062	1.073	1.072	1.076	1.073	1.071	1.070	1.068	1.066	1.064	1.062	1.054	1.044	1.014	0.867	0.647
Catawba 2	R16		WE 17x17	3.50				44381	0.691	0.946	1.045	1.060	1.071	1.066	1.070	1.070	1.060	1.067	1.062	1.061	1.062	1.050	1.046	1.009	0.896	0.669
Catawba 2	R56		WE 17x17	3.50				44737	0.689	0.944	1.045	1.062	1.073	1.068	1.071	1.071	1.062	1.068	1.063	1.061	1.062	1.050	1.045	1.008	0.894	0.665
Catawba 2	R48		WE 17x17	3.50				45723	0.689	0.949	1.056	1.075	1.086	1.081	1.083	1.081	1.071	1.076	1.070	1.067	1.066	1.051	1.042	0.998	0.869	0.591
Catawba 2	Q13		WE 17x17	3.60				45816	0.687	0.921	1.063	1.075	1.074	1.079	1.077	1.075	1.074	1.073	1.071	1.070	1.068	1.059	1.050	1.019	0.852	0.600
Catawba 2	R38		WE 17x17	3.50				46102	0.690	0.949	1.053	1.072	1.082	1.077	1.079	1.078	1.066	1.074	1.068	1.066	1.066	1.053	1.046	1.004	0.877	0.596
Catawba 2	Q29		WE 17x17	3.60				46283	0.691	0.943	1.043	1.060	1.071	1.067	1.070	1.070	1.062	1.068	1.063	1.061	1.062	1.050	1.045	1.008	0.896	0.670
Catawba 2	Q80		WE 17x17	3.60				46867	0.694	0.945	1.046	1.063	1.074	1.070	1.073	1.073	1.064	1.069	1.064	1.061	1.061	1.048	1.041	1.002	0.888	0.663
Catawba 2	Q28		WE 17x17	3.60				47986	0.709	0.926	1.063	1.073	1.071	1.075	1.073	1.071	1.070	1.069	1.068	1.067	1.065	1.058	1.050	1.022	0.858	0.612
Catawba 2	Q08		WE 17x17	3.60				47878	0.709	0.921	1.055	1.064	1.062	1.067	1.066	1.065	1.065	1.064	1.063	1.062	1.061	1.055	1.048	1.023	0.862	0.671

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/MT)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Crystal River 3	D04		BW 15x15	2.64	0			3086	0.482	0.831	1.013	1.083	1.103	1.108	1.110	1.116	1.125	1.135	1.142	1.144	1.141	1.126	1.096	0.993	0.801	0.462
Crystal River 3	D01		BW 15x15	2.64	0			3160	0.574	0.947	1.091	1.105	1.094	1.087	1.086	1.087	1.091	1.096	1.102	1.105	1.105	1.096	1.086	0.986	0.808	0.474
Crystal River 3	D07		BW 15x15	2.64	0			3414	0.470	0.814	1.002	1.081	1.109	1.118	1.123	1.132	1.144	1.157	1.165	1.166	1.157	1.131	1.076	0.964	0.760	0.432
Crystal River 3	D02		BW 15x15	2.64	0			3465	0.525	0.862	1.047	1.093	1.099	1.098	1.099	1.102	1.106	1.115	1.121	1.124	1.122	1.111	1.077	0.993	0.810	0.474
Crystal River 3	D08		BW 15x15	2.64	0			3917	0.476	0.823	1.011	1.090	1.119	1.129	1.134	1.142	1.154	1.165	1.171	1.171	1.159	1.129	1.065	0.938	0.721	0.403
Crystal River 3	D05		BW 15x15	2.64	0			4752	0.493	0.835	1.011	1.077	1.097	1.100	1.103	1.111	1.125	1.139	1.148	1.151	1.145	1.127	1.083	0.989	0.800	0.468
Crystal River 3	D09		BW 15x15	2.64	0			5667	0.517	0.858	1.024	1.078	1.089	1.087	1.087	1.094	1.107	1.121	1.131	1.135	1.132	1.120	1.087	1.006	0.830	0.496
Crystal River 3	E04		BW 15x15	2.62	0			5686	0.523	0.881	1.082	1.128	1.142	1.134	1.119	1.106	1.099	1.097	1.101	1.105	1.104	1.092	1.058	0.976	0.800	0.472
Crystal River 3	D06		BW 15x15	2.64	0			5841	0.507	0.849	1.023	1.089	1.110	1.113	1.116	1.125	1.138	1.152	1.161	1.161	1.152	1.125	1.067	0.949	0.736	0.423
Crystal River 3	E07		BW 15x15	2.62	0			6026	0.513	0.865	1.046	1.118	1.139	1.134	1.120	1.105	1.097	1.097	1.103	1.110	1.111	1.102	1.070	0.987	0.807	0.476
Crystal River 3	E01		BW 15x15	2.62	0			6187	0.566	0.975	1.145	1.175	1.150	1.124	1.108	1.094	1.084	1.080	1.079	1.079	1.076	1.063	1.024	0.934	0.760	0.453
Crystal River 3	E02		BW 15x15	2.62	0			6553	0.560	0.925	1.098	1.148	1.146	1.130	1.114	1.101	1.092	1.089	1.089	1.091	1.089	1.076	1.040	0.957	0.786	0.469
Crystal River 3	E06		BW 15x15	2.62	0			6846	0.518	0.870	1.049	1.120	1.141	1.137	1.123	1.109	1.100	1.099	1.104	1.110	1.112	1.101	1.067	0.981	0.794	0.463
Crystal River 3	C08		BW 15x15	2.63	0			7101	0.535	0.887	1.054	1.105	1.112	1.109	1.109	1.116	1.126	1.133	1.137	1.136	1.127	1.104	1.053	0.950	0.762	0.443
Crystal River 3	C05		BW 15x15	2.63	0			7205	0.580	0.957	1.119	1.142	1.127	1.114	1.106	1.107	1.108	1.110	1.110	1.107	1.097	1.075	1.027	0.930	0.748	0.436
Crystal River 3	C09		BW 15x15	2.63	0			7706	0.548	0.896	1.067	1.103	1.108	1.105	1.106	1.116	1.127	1.136	1.140	1.139	1.129	1.104	1.049	0.942	0.753	0.440
Crystal River 3	E11		BW 15x15	2.62	0			8602	0.539	0.888	1.061	1.124	1.138	1.127	1.107	1.089	1.081	1.082	1.091	1.100	1.103	1.095	1.066	0.991	0.823	0.497
Crystal River 3	E47		BW 15x15	2.62	0			8918	0.555	0.896	1.051	1.100	1.109	1.105	1.100	1.100	1.105	1.113	1.116	1.118	1.112	1.096	1.058	0.974	0.805	0.486
Crystal River 3	C03		BW 15x15	2.63	0			9787	0.579	0.943	1.103	1.139	1.134	1.124	1.119	1.116	1.118	1.119	1.117	1.112	1.096	1.071	1.017	0.917	0.737	0.433
Crystal River 3	C02		BW 15x15	2.63	0			10334	0.584	0.949	1.109	1.140	1.135	1.127	1.123	1.123	1.123	1.123	1.121	1.114	1.099	1.066	1.009	0.905	0.724	0.424
Crystal River 3	C06		BW 15x15	2.63	0			10364	0.572	0.933	1.089	1.116	1.106	1.096	1.095	1.102	1.112	1.120	1.123	1.122	1.113	1.092	1.044	0.948	0.767	0.452
Crystal River 3	E08		BW 15x15	2.62	0			10434	0.562	0.896	1.065	1.127	1.142	1.132	1.111	1.093	1.082	1.082	1.090	1.099	1.101	1.093	1.062	0.983	0.808	0.481
Crystal River 3	E12		BW 15x15	2.62	0			10636	0.562	0.913	1.078	1.133	1.140	1.122	1.099	1.081	1.072	1.073	1.083	1.092	1.094	1.085	1.057	0.986	0.826	0.505
Crystal River 3	E43		BW 15x15	2.62	15	0.18	B4C	10739	0.652	0.974	1.103	1.114	1.104	1.096	1.092	1.092	1.094	1.096	1.096	1.093	1.085	1.066	1.030	0.948	0.760	0.483
Crystal River 3	F02		BW 15x15	2.95	15	0.18	B4C	11039	0.604	0.912	1.058	1.108	1.116	1.113	1.110	1.111	1.115	1.120	1.122	1.119	1.111	1.091	1.044	0.941	0.752	0.456
Crystal River 3	G03		BW 15x15	3.29	0			11483	0.552	0.876	1.026	1.083	1.107	1.116	1.117	1.113	1.107	1.101	1.097	1.094	1.091	1.084	1.064	1.002	0.847	0.525
Crystal River 3	C07		BW 15x15	2.63	15	1.05	B4C	11573	0.603	0.920	1.086	1.096	1.094	1.089	1.093	1.104	1.119	1.130	1.135	1.133	1.123	1.096	1.044	0.939	0.752	0.460
Crystal River 3	E02		BW 15x15	2.62	0			11585	0.565	0.916	1.076	1.122	1.125	1.116	1.107	1.101	1.097	1.097	1.098	1.099	1.096	1.082	1.048	0.986	0.802	0.484
Crystal River 3	C04		BW 15x15	2.63	0			11692	0.683	1.089	1.221	1.153	1.082	1.072	1.065	1.066	1.071	1.075	1.077	1.075	1.069	1.051	1.010	0.924	0.753	0.454
Crystal River 3	E01		BW 15x15	2.62	0			11980	0.626	0.991	1.134	1.143	1.121	1.107	1.099	1.093	1.088	1.086	1.084	1.083	1.078	1.064	1.027	0.941	0.770	0.466
Crystal River 3	I04	Mk-B4	BW 15x15	3.84	0			12003	0.561	0.891	1.037	1.085	1.099	1.101	1.098	1.095	1.093	1.093	1.093	1.094	1.093	1.087	1.067	1.009	0.863	0.541
Crystal River 3	E07		BW 15x15	2.62	0			12106	0.565	0.912	1.067	1.112	1.119	1.118	1.108	1.101	1.096	1.089	1.101	1.103	1.100	1.088	1.054	0.974	0.803	0.483
Crystal River 3	A09	Mk-B3	BW 15x15	1.93	0			12386	0.573	0.918	1.050	1.080	1.088	1.080	1.088	1.094	1.122	1.140	1.148	1.148	1.140	1.116	1.066	0.983	0.777	0.461
Crystal River 3	G09		BW 15x15	3.29	0			12669	0.562	0.887	1.035	1.090	1.110	1.112	1.108	1.097	1.090	1.086	1.088	1.088	1.089	1.084	1.064	1.007	0.862	0.544
Crystal River 3	B01		BW 15x15	2.54	0			12734	0.823	1.273	1.373	1.186	1.089	1.047	1.044	1.044	1.045	1.047	1.048	1.046	1.039	1.008	0.951	0.847	0.666	0.425
Crystal River 3	E45		BW 15x15	2.62	15	0.18	B4C	12849	0.634	0.948	1.082	1.108	1.083	1.057	1.041	1.040	1.062	1.095	1.115	1.122	1.118	1.102	1.065	0.987	0.825	0.518
Crystal River 3	E44		BW 15x15	2.62	15	0.18	B4C	12905	0.685	1.003	1.116	1.107	1.089	1.049	1.042	1.045	1.067	1.096	1.108	1.107	1.101	1.085	1.048	0.986	0.801	0.505
Crystal River 3	C08		BW 15x15	2.63	0			12916	0.602	0.953	1.086	1.083	0.989	0.944	0.931	0.965	1.045	1.125	1.162	1.178	1.181	1.169	1.135	1.054	0.879	0.530
Crystal River 3	E41		BW 15x15	2.62	15	0.44	B4C	12960	0.678	0.980	1.093	1.100	1.096	1.106	1.120	1.127	1.127	1.119	1.104	1.089	1.075	1.055	1.012	0.916	0.737	0.463
Crystal River 3	E46		BW 15x15	2.62	15	0.44	B4C	12978	0.663	0.956	1.088	1.110	1.082	1.055	1.038	1.039	1.063	1.100	1.121	1.130	1.127	1.110	1.067	0.971	0.791	0.469
Crystal River 3	A07	Mk-B3	BW 15x15	1.93	0			12978	0.633	0.989	1.019	0.857	0.776	0.754	0.785	1.013	1.185	1.253	1.278	1.283	1.276	1.251	1.193	1.075	0.863	0.515
Crystal River 3	F01		BW 15x15	2.95	15	0.44	B4C	12996	0.676	0.977	1.095	1.105	1.094	1.086	1.084	1.085	1.090	1.095	1.095	1.091	1.082	1.064	1.028	0.951	0.783	0.510
Crystal River 3	E08		BW 15x15	2.62	0			13157	0.544	0.883	1.046	1.107	1.125	1.124	1.116	1.112	1.110	1.111	1.114	1.116	1.113	1.099	1.060	0.989	0.785	0.486
Crystal River 3	E42		BW 15x15	2.62	15	0.44	B4C	13175	0.654	0.950	1.074	1.094	1.073	1.058	1.052	1.058	1.077	1.103	1.112	1.112	1.105	1.089	1.054	0.979	0.825	0.533
Crystal River 3	I11	Mk-B4	BW 15x15	3.84	0			13480	0.574	0.903	1.045	1.090	1.103	1.102	1.097	1.093	1.090	1.089	1.089	1.089	1.088	1.082	1.062	1.004	0.859	0.540
Crystal River 3	H08		BW 15x15	3.49	0			13553	0.581	0.905	1.041	1.085	1.100	1.104	1.106	1.104	1.102	1.096	1.092	1.086	1.079	1.070	1.050	0.996	0.857	0.545
Crystal River 3	C05		BW 15x15	2.63	0			13569	0.603	0.952	1.088	1.102	1.085	1.070	1.064	1.066	1.079	1.092	1.101	1.106	1.105	1.098	1.066	0.991	0.826	0.507
Crystal River 3	B07		BW 15x15	2.54	15	1.19	B4C	13584	0.639	0.996	1.109	1.129	1.115	1.105	1.101	1.104	1.109	1.113	1.113	1.108	1.096	1.069	1.015	0.915	0.736	0.457
Crystal River 3	C09		BW 15x15	2.63	0			13965	0.565	0.920	1.056	1.078	1.085	1.050	1.048	1.063	1.088	1.114	1.130	1.137	1.135	1.121	1.083	0.996	0.825	0.505
Crystal River 3	E11		BW 15x15	2.62	0			14020	0.549	0.880	1.051	1.108	1.122	1.117	1.105	1.096	1.092	1.096	1.102	1.107	1.107	1.096	1.063	0.985	0.818	0.497
Crystal River 3	A08	Mk-B3	BW 15x15	1.93	0			14163	0.580	0.917	1.049	1.083	1.050	1.045	1.084	1.109	1.156	1.185	1.199	1.202	1.195	1.170	1.105	0.943	0.835	0.333
Crystal River 3	A10	Mk-B3	BW 15x15	1.93	0			14214	0.849	1.044	1.206	1.215	1.214	1.208	1.197	1.189	1.188	1.192	1.195	1.190	1.156	1.022	0.756	0.814	0.481	0.284
Crystal River 3	C01		BW 15x15	2.63	0			14345	0.662	1.040	1.175	1.144	1.115	1.108	1.108	1.112	1.117	1.120	1.119	1.111	1.092	1.051	0.979	0.850	0.681	0.406
Crystal River 3	A05	Mk-B3	BW 15x15	1.93	0			14371	0.582	0.922	1.063	1.089	1.081	1.075	1.081	1.101	1.123	1.137	1.143	1.142	1.132	1.107	1.054	0.949	0.762	0.455
Crystal River 3	B09		BW 15x15	2.54	15	1.05	B4C	14386	0.626	0.942	1.064	1.082	1.036	1.023	1.034	1.075	1.117	1.140	1.150	1.150	1.142	1.120	1.070	0.971	0.788	0.469
Crystal River 3	B10		BW 15x15	2.54	15	0.9	B4C	14420	0.617	0.929	1.047	1.044	1.019	1.009	1.028	1.060	1.131	1.162	1.175	1.177	1.168	1.144	1.086	0.987	0.759	0.458
Crystal River 3	J08	Mk-B4	BW 15x15	3.84	0			14422	0.585	0.908	1.043	1.084	1.087	1.096	1.096	1.094	1.092	1.090	1.088	1.085	1.082	1.075	1.056	1.004	0.866	0.555
Crystal River 3	H04		BW 15x15	3.49	0			14646	0.586	0.904	1.036	1.078	1.083	1.089	1.103	1.105	1.104	1.099	1.092	1.084	1.077	1.066	1.048	0.996	0.866	0.559
Crystal River 3	D04		BW 15x15	2.64	0			14667	0.585	0.925	1.077	1.125	1.125	1.090	1.071	1.052	1.046	1.055	1.074	1.091	1.096	1.094	1.072	1.010	0.860	0.541
Crystal River 3	A02	Mk-B3	BW 15x15	1.93	0			15107	0.599	0.908	1.057	1.102	1.110	1.110	1.117	1.133	1.150	1.163	1.170	1.170	1.162	1.137	1.074	0.918	0.622	0.330
Crystal River 3	D01		BW 15x15	2.64	0			15211	0.593	0.923	1.065	1.110	1.117	1.102	1.080	1.061	1.052	1.054	1.066	1.078	1.086	1.085	1.070	1.018	0.878	0.560
Crystal River 3	C03		BW 15x15	2.63	0			15314	0.608	0.954	1.090	1.113	1.106	1.097	1.093	1.093	1.095	1.099	1.102	1.103	1.096	1.083	1.044	0.959	0.786	0.477
Crystal River 3	D02		BW 15x15	2.64	0			15457	0.605	0.941	1.084	1.125	1.124	1.102	1.076	1.055	1.045	1.049	1.064	1.079	1.086	1.084	1.066	1.008	0.861	0.545
Crystal River 3	D12		BW 15x15	2.64	0			15466	0.599	0.931	1.067	1.138	1.133	1.088	1.043	1.018	1.015	1.036	1.079	1.109	1.121	1.117	1.091	1.020	0.835	0.529
Crystal River 3	D05		BW 15x15	2.64	0			15572	0.637	1.001	1.163	1.209	1.173	0.990	0.968	0.934	0.938	0.915	1.078	1.164	1.184	1.181	1.158	1.091	0.829	0.586
Crystal River 3	A04	Mk-B3	BW 15x15	1.93	0			15582	0.553	0.860	1.025	1.086	1.072	1.073	1.062	1.104	1.127	1.142	1.150	1.151	1.144	1.124	1.075	0.973	0.787	0.474
Crystal River 3	A03	Mk-B3	BW 15x15	1.93	0			15631	0.570	0.905	1.055	1.099	1.107	1.108	1.106	1.108	1.112	1.116	1.116	1.117	1.110	1.091	1.048	0.956	0.786	0.483

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Crystal River 3	G10		BW 15x15	3.29	0			15645	0.574	0.897	1.041	1.093	1.113	1.114	1.107	1.098	1.090	1.085	1.085	1.086	1.086	1.080	1.060	1.001	0.853	0.539
Crystal River 3	A08	Mk-B3	BW 15x15	1.93	0			15703	0.550	0.876	1.024	1.071	1.081	1.082	1.090	1.106	1.124	1.137	1.144	1.145	1.139	1.119	1.072	0.973	0.790	0.478
Crystal River 3	I12	Mk-B4	BW 15x15	3.84	15		B4C	15765	0.606	0.909	1.045	1.091	1.103	1.103	1.096	1.093	1.090	1.088	1.087	1.087	1.085	1.078	1.058	0.996	0.848	0.531
Crystal River 3	B04		BW 15x15	2.54	15	1.05	B4C	15800	0.616	0.930	1.072	1.106	1.104	1.100	1.102	1.112	1.123	1.132	1.135	1.132	1.121	1.093	1.035	0.920	0.725	0.443
Crystal River 3	A01	Mk-B3	BW 15x15	1.93	0			15893	0.563	0.882	1.035	1.089	1.103	1.108	1.108	1.112	1.118	1.123	1.127	1.129	1.120	1.101	1.057	0.985	0.792	0.484
Crystal River 3	C06		BW 15x15	2.83	0			15965	0.586	0.929	1.068	1.089	1.078	1.066	1.065	1.074	1.089	1.103	1.113	1.117	1.115	1.102	1.070	0.995	0.831	0.511
Crystal River 3	B06		BW 15x15	2.54	15	1.05	B4C	16070	0.601	0.905	1.033	1.052	1.043	1.037	1.051	1.091	1.130	1.153	1.163	1.164	1.156	1.133	1.080	0.967	0.768	0.471
Crystal River 3	E04		BW 15x15	2.62	0			16095	0.571	0.910	1.063	1.109	1.115	1.108	1.099	1.095	1.096	1.100	1.104	1.105	1.101	1.087	1.053	0.975	0.812	0.497
Crystal River 3	B06		BW 15x15	2.54	15	0.9	B4C	16215	0.594	0.896	1.024	1.040	1.030	1.026	1.042	1.087	1.131	1.157	1.169	1.171	1.164	1.142	1.090	0.979	0.779	0.477
Crystal River 3	B02		BW 15x15	2.54	15	1.19	B4C	16258	0.632	0.946	1.067	1.113	1.107	1.101	1.099	1.099	1.101	1.103	1.104	1.103	1.095	1.075	1.031	0.941	0.773	0.491
Crystal River 3	D10		BW 15x15	2.64	14	0.18	B4C	16405	0.613	0.913	1.043	1.082	1.095	1.108	1.121	1.129	1.133	1.130	1.118	1.105	1.093	1.074	1.033	0.946	0.777	0.486
Crystal River 3	C02		BW 15x15	2.83	0			16523	0.594	0.936	1.075	1.102	1.097	1.088	1.084	1.087	1.093	1.101	1.107	1.108	1.103	1.087	1.051	0.973	0.813	0.501
Crystal River 3	H06		BW 15x15	3.49	15	0.71	B4C	16625	0.647	0.924	1.048	1.089	1.103	1.108	1.107	1.102	1.096	1.089	1.079	1.069	1.060	1.050	1.031	0.982	0.850	0.568
Crystal River 3	H01		BW 15x15	3.49	15	0.98	B4C	16644	0.648	0.913	1.035	1.077	1.092	1.099	1.102	1.102	1.099	1.094	1.086	1.077	1.069	1.059	1.039	0.988	0.851	0.573
Crystal River 3	B03		BW 15x15	2.54	15	1.05	B4C	16670	0.582	0.862	1.030	1.062	1.094	1.096	1.101	1.111	1.123	1.132	1.138	1.138	1.131	1.110	1.060	0.955	0.763	0.472
Crystal River 3	B05		BW 15x15	2.54	15	1.19	B4C	17027	0.584	0.882	1.031	1.063	1.086	1.098	1.100	1.107	1.115	1.122	1.126	1.126	1.119	1.100	1.056	0.965	0.791	0.500
Crystal River 3	G05		BW 15x15	3.29	15	0.18	B4C	17028	0.610	0.902	1.037	1.089	1.109	1.112	1.108	1.100	1.091	1.085	1.081	1.080	1.078	1.072	1.052	0.995	0.851	0.548
Crystal River 3	H07		BW 15x15	3.49	15	1.24	B4C	17084	0.667	0.929	1.049	1.081	1.105	1.108	1.105	1.098	1.091	1.084	1.076	1.066	1.056	1.046	1.029	0.978	0.844	0.574
Crystal River 3	J10	Mk-B4	BW 15x15	3.94	0			17112	0.567	0.916	1.046	1.085	1.096	1.097	1.095	1.093	1.090	1.088	1.085	1.083	1.079	1.071	1.053	1.001	0.868	0.558
Crystal River 3	B10		BW 15x15	2.54	15	0.9	B4C	17164	0.601	0.909	1.062	1.049	1.014	1.004	1.020	1.064	1.106	1.135	1.148	1.152	1.146	1.128	1.077	0.971	0.777	0.477
Crystal River 3	D09		BW 15x15	2.64	0			17262	0.582	0.919	1.060	1.108	1.120	1.120	1.114	1.103	1.092	1.082	1.078	1.077	1.075	1.069	1.047	0.985	0.835	0.525
Crystal River 3	D03		BW 15x15	2.64	0			17289	0.593	0.921	1.063	1.112	1.127	1.128	1.118	1.107	1.096	1.089	1.087	1.088	1.088	1.063	1.057	0.991	0.796	0.458
Crystal River 3	H02		BW 15x15	3.49	15	1.24	B4C	17470	0.665	0.921	1.036	1.073	1.084	1.085	1.084	1.082	1.080	1.079	1.077	1.074	1.071	1.065	1.049	1.001	0.874	0.603
Crystal River 3	D06		BW 15x15	2.64	0			17499	0.582	0.922	1.077	1.127	1.125	1.090	1.056	1.038	1.039	1.059	1.091	1.114	1.120	1.111	1.081	1.006	0.841	0.522
Crystal River 3	F02		BW 15x15	2.95	15	0.18	B4C	17524	0.590	0.896	1.041	1.090	1.104	1.106	1.105	1.104	1.104	1.106	1.107	1.108	1.102	1.089	1.056	0.976	0.811	0.505
Crystal River 3	B01		BW 15x15	2.54	0			17579	0.741	1.134	1.242	1.137	1.070	1.060	1.059	1.059	1.060	1.061	1.064	1.065	1.062	1.043	1.002	0.914	0.756	0.473
Crystal River 3	H03		BW 15x15	3.49	15	1.24	B4C	17816	0.667	0.927	1.045	1.086	1.100	1.103	1.100	1.094	1.089	1.083	1.075	1.067	1.060	1.051	1.033	0.984	0.853	0.563
Crystal River 3	K09	Mk-B9	BW 15x15	3.90	0			17816	0.604	0.924	1.052	1.088	1.096	1.094	1.090	1.085	1.082	1.080	1.078	1.077	1.075	1.070	1.053	1.003	0.884	0.585
Crystal River 3	C04		BW 15x15	2.83	0			17896	0.652	1.019	1.145	1.111	1.065	1.045	1.040	1.049	1.070	1.090	1.102	1.107	1.104	1.090	1.053	0.989	0.799	0.491
Crystal River 3	C07		BW 15x15	2.83	15	1.05	B4C	17733	0.610	0.926	1.057	1.077	1.083	1.050	1.050	1.084	1.087	1.109	1.123	1.128	1.125	1.112	1.076	0.995	0.828	0.520
Crystal River 3	H09		BW 15x15	3.49	15	1.24	B4C	17793	0.674	0.932	1.049	1.088	1.101	1.102	1.097	1.089	1.083	1.077	1.071	1.065	1.058	1.050	1.033	0.985	0.857	0.560
Crystal River 3	I07	Mk-B4	BW 15x15	3.84	15	0.18	B4C	17813	0.618	0.914	1.046	1.089	1.100	1.099	1.094	1.090	1.086	1.084	1.083	1.082	1.080	1.073	1.053	0.997	0.859	0.554
Crystal River 3	B07		BW 15x15	2.54	15	1.19	B4C	17920	0.629	0.964	1.091	1.111	1.101	1.092	1.090	1.093	1.099	1.106	1.108	1.107	1.099	1.078	1.035	0.946	0.778	0.485
Crystal River 3	B12		BW 15x15	2.54	15	0.9	B4C	17968	0.682	1.013	1.098	1.053	1.012	0.999	1.013	1.054	1.097	1.125	1.139	1.144	1.139	1.121	1.075	0.972	0.791	0.482
Crystal River 3	G07		BW 15x15	3.29	15	1.24	B4C	18280	0.656	0.926	1.058	1.109	1.119	1.099	1.087	1.044	1.034	1.039	1.060	1.082	1.090	1.087	1.087	1.009	0.868	0.566
Crystal River 3	J05	Mk-B4	BW 15x15	3.94	0			18331	0.605	0.920	1.045	1.082	1.092	1.093	1.091	1.088	1.086	1.084	1.082	1.080	1.076	1.070	1.052	1.004	0.878	0.573
Crystal River 3	F51		BW 15x15	2.95	15	0.44	B4C	18566	0.628	0.906	1.030	1.076	1.092	1.095	1.091	1.085	1.080	1.077	1.077	1.078	1.079	1.077	1.062	1.012	0.877	0.580
Crystal River 3	K05	Mk-B9	BW 15x15	3.90	0			18891	0.605	0.921	1.046	1.080	1.088	1.087	1.084	1.081	1.079	1.078	1.077	1.077	1.076	1.072	1.057	1.010	0.878	0.606
Crystal River 3	G06		BW 15x15	3.29	15	1.24	B4C	19047	0.663	0.932	1.063	1.112	1.121	1.096	1.064	1.040	1.030	1.036	1.059	1.082	1.092	1.089	1.086	1.006	0.863	0.581
Crystal River 3	E01		BW 15x15	2.62	0			19091	0.609	0.949	1.067	1.111	1.106	1.099	1.094	1.091	1.088	1.087	1.087	1.087	1.085	1.075	1.047	0.976	0.817	0.505
Crystal River 3	E43		BW 15x15	2.62	15	0.18	B4C	19185	0.614	0.929	1.061	1.092	1.098	1.096	1.097	1.095	1.094	1.094	1.093	1.091	1.086	1.076	1.049	0.982	0.829	0.523
Crystal River 3	E44		BW 15x15	2.62	15	0.18	B4C	19506	0.649	0.953	1.077	1.093	1.079	1.070	1.065	1.065	1.077	1.093	1.099	1.100	1.097	1.086	1.058	0.987	0.833	0.529
Crystal River 3	I09	Mk-B4	BW 15x15	3.84	15	0.71	B4C	19578	0.648	0.931	1.056	1.097	1.108	1.100	1.089	1.081	1.077	1.074	1.072	1.070	1.069	1.064	1.048	0.994	0.857	0.567
Crystal River 3	G02		BW 15x15	3.29	15	1.24	B4C	19583	0.648	0.912	1.039	1.089	1.108	1.107	1.100	1.090	1.080	1.075	1.073	1.074	1.074	1.068	1.048	0.992	0.851	0.573
Crystal River 3	I02	Mk-B4	BW 15x15	3.84	15	0.88	B4C	19619	0.650	0.922	1.039	1.077	1.089	1.091	1.090	1.088	1.086	1.082	1.078	1.075	1.072	1.066	1.051	1.001	0.867	0.578
Crystal River 3	C01		BW 15x15	2.83	0			19648	0.653	1.009	1.135	1.126	1.110	1.105	1.105	1.108	1.112	1.116	1.118	1.116	1.105	1.076	1.017	0.896	0.686	0.406
Crystal River 3	I01	Mk-B4	BW 15x15	3.84	15	0.71	B4C	19648	0.656	0.926	1.040	1.075	1.084	1.085	1.084	1.082	1.081	1.080	1.078	1.076	1.073	1.067	1.050	1.001	0.874	0.589
Crystal River 3	I05	Mk-B4	BW 15x15	3.84	15	0.71	B4C	19656	0.652	0.923	1.039	1.076	1.087	1.088	1.086	1.084	1.082	1.079	1.076	1.074	1.071	1.066	1.050	1.002	0.874	0.589
Crystal River 3	B09		BW 15x15	2.54	15	1.05	B4C	19704	0.616	0.931	1.053	1.056	1.032	1.017	1.024	1.058	1.096	1.126	1.141	1.146	1.142	1.125	1.086	1.000	0.829	0.520
Crystal River 3	I08	Mk-B4	BW 15x15	3.84	15	1	B4C	19843	0.660	0.929	1.048	1.087	1.097	1.094	1.088	1.079	1.075	1.072	1.069	1.067	1.065	1.062	1.050	1.001	0.870	0.588
Crystal River 3	I06	Mk-B4	BW 15x15	3.84	15	0.71	B4C	19970	0.651	0.927	1.049	1.088	1.099	1.097	1.089	1.083	1.079	1.076	1.072	1.070	1.068	1.064	1.051	1.000	0.864	0.573
Crystal River 3	G04		BW 15x15	3.29	15	1.24	B4C	20006	0.662	0.929	1.056	1.104	1.114	1.094	1.064	1.043	1.034	1.039	1.059	1.079	1.088	1.085	1.067	1.013	0.876	0.596
Crystal River 3	G08		BW 15x15	3.29	15	1.24	B4C	20016	0.662	0.930	1.057	1.105	1.114	1.094	1.062	1.039	1.030	1.035	1.057	1.080	1.090	1.087	1.069	1.015	0.877	0.597
Crystal River 3	G01		BW 15x15	3.29	15	1.24	B4C	20033	0.650	0.911	1.035	1.083	1.096	1.097	1.089	1.079	1.072	1.070	1.072	1.076	1.078	1.074	1.057	1.004	0.867	0.588
Crystal River 3	I03	Mk-B4	BW 15x15	3.84	15	1.05	B4C	20064	0.646	0.918	1.044	1.086	1.098	1.098	1.093	1.088	1.084	1.081	1.079	1.077	1.075	1.069	1.050	0.994	0.853	0.566
Crystal River 3	I10	Mk-B4	BW 15x15	3.84	15	1.06	B4C	20103	0.658	0.933	1.057	1.098	1.107	1.101	1.089	1.081	1.076	1.073	1.071	1.070	1.068	1.063	1.047	0.992	0.850	0.564
Crystal River 3	B04		BW 15x15	2.54	15	1.05	B4C	20466	0.621	0.932	1.064	1.089	1.085	1.080	1.082	1.090	1.103	1.113	1.120	1.121	1.115	1.097	1.053	0.980	0.784	0.491
Crystal River 3	J07	Mk-B4	BW 15x15	3.94	15	1.78	B4C	20717	0.679	0.935	1.051	1.091	1.101	1.100	1.090	1.082	1.077	1.073	1.070	1.068	1.061	1.054	1.037	0.986	0.857	0.581
Crystal River 3	J02	Mk-B4	BW 15x15	3.94	15	1.51	B4C	20730	0.669	0.925	1.040	1.079	1.090	1.092	1.090	1.086	1.083	1.080	1.077	1.073	1.069	1.062	1.042	0.991	0.862	0.581
Crystal River 3	B11		BW 15x15	2.54	15	1.05	B4C	20769	0.608	0.909	1.032	1.053	1.050	1.047	1.057	1.086	1.115	1.132	1.142	1.145	1.141	1.125	1.082	0.985	0.798	0.486
Crystal River 3	B02		BW 15x15	2.54	15	1.19	B4C	20884	0.622	0.930	1.064	1.095	1.097	1.095	1.094	1.095	1.096	1.096	1.101	1.102	1.099	1.085	1.049	0.988	0.801	0.510
Crystal River 3	F01		BW 15x15	2.95	15	0.44	B4C	20945	0.632	0.936	1.062	1.090	1.094	1.093	1.091	1.090	1.090	1.092	1.091	1.090	1.085	1.074	1.047	0.980	0.830	0.533
Crystal River 3	B08		BW 15x15	2.54	15	0.9	B4C	21385	0.615	0.923	1.038	1.043	1.023	1.011	1.020	1.057	1.100	1.132	1.149	1.155	1.153	1.139	1.096	1.005	0.823	0.515
Crystal River 3	B06		BW 15x15	2.54	15	1.05	B4C	21632	0.607	0.909	1.030	1.049	1.043	1.036	1.048	1.078	1.110	1.131	1.143	1.147	1.144	1.129	1.088	0.993	0.808	0.504
Crystal River 3	J08	Mk-B4	BW 15x15	3.94	15	1.78	B4C	21724	0.664	0.938	1.053	1.091	1.101	1.099	1.090	1.081	1.076	1.072	1.069	1.065	1.061	1.053	1.036	0.985	0.855	0.580
Crystal River 3	K07	Mk-B9	BW 15x15	3.90	15	0.44	B4C	21758	0.657	0.940	1.058	1.092	1.099	1.094	1.082	1.074	1.070	1.067	1.065	1.063	1.061	1.058	1.045	0.998	0.867	0.610
Crystal River 3	J04	Mk-B4	BW 15x15	3.94	15	1.78	B4C	21837	0.665	0.935	1.047	1.085	1.097	1.096	1.089	1.081	1.076	1.072	1.069	1.066	1.061	1.055	1.036	0.989	0.862	0.596

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028 Normalized Axial Burnup Distribution	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Crystal River 3	E47		BW 15x15	2.62	0			21891	0.582	0.900	1.040	1.068	1.102	1.102	1.096	1.091	1.089	1.089	1.092	1.094	1.093	1.085	1.061	0.999	0.853	0.543
Crystal River 3	D04		BW 15x15	2.64	0			21926	0.678	1.036	1.155	1.117	1.096	1.082	1.064	1.052	1.048	1.053	1.065	1.074	1.077	1.070	1.044	0.975	0.805	0.508
Crystal River 3	J03	Mk-B4	BW 15x15	3.94	15	1.51	B4C	22021	0.673	0.926	1.036	1.072	1.064	1.087	1.086	1.083	1.080	1.076	1.074	1.071	1.068	1.061	1.045	0.998	0.875	0.607
Crystal River 3	E12		BW 15x15	2.62	0			22039	0.592	0.922	1.068	1.110	1.110	1.098	1.082	1.075	1.078	1.088	1.099	1.105	1.103	1.091	1.059	0.983	0.824	0.515
Crystal River 3	B05		BW 15x15	2.54	15	1.19	B4C	22089	0.581	0.882	1.026	1.074	1.085	1.084	1.087	1.095	1.108	1.120	1.127	1.129	1.125	1.108	1.067	0.980	0.810	0.513
Crystal River 3	B03		BW 15x15	2.54	15	1.05	B4C	22147	0.584	0.888	1.033	1.082	1.094	1.095	1.099	1.110	1.124	1.137	1.145	1.147	1.141	1.120	1.068	0.953	0.735	0.446
Crystal River 3	C09		BW 15x15	2.83	0			22174	0.668	1.041	1.173	1.153	1.063	1.055	1.045	1.043	1.050	1.062	1.074	1.083	1.085	1.076	1.046	0.954	0.791	0.500
Crystal River 3	J01	Mk-B4	BW 15x15	3.94	15	1.78	B4C	22199	0.660	0.926	1.038	1.076	1.068	1.090	1.088	1.084	1.081	1.077	1.074	1.071	1.067	1.060	1.041	0.991	0.865	0.601
Crystal River 3	E06		BW 15x15	2.62	0			22261	0.601	0.922	1.067	1.097	1.109	1.110	1.108	1.106	1.103	1.101	1.100	1.097	1.092	1.079	1.046	0.967	0.803	0.501
Crystal River 3	C06		BW 15x15	2.83	0			22279	0.656	1.011	1.149	1.142	1.085	1.064	1.058	1.060	1.067	1.075	1.083	1.087	1.086	1.076	1.046	0.959	0.798	0.501
Crystal River 3	J06	Mk-B4	BW 15x15	3.94	15	1.78	B4C	22287	0.666	0.937	1.047	1.065	1.096	1.095	1.088	1.080	1.075	1.071	1.067	1.064	1.060	1.054	1.038	0.990	0.865	0.603
Crystal River 3	E09		BW 15x15	2.62	0			22514	0.606	0.931	1.064	1.101	1.110	1.111	1.108	1.105	1.102	1.100	1.097	1.095	1.089	1.076	1.042	0.963	0.799	0.497
Crystal River 3	A07	Mk-B3	BW 15x15	1.93	0			22710	0.594	0.903	0.986	0.980	0.984	0.992	1.011	1.091	1.135	1.150	1.156	1.155	1.150	1.136	1.102	1.031	0.881	0.566
Crystal River 3	K02	Mk-B9	BW 15x15	3.90	15	1.24	B4C	22713	0.671	0.936	1.049	1.083	1.091	1.089	1.084	1.079	1.076	1.073	1.071	1.069	1.067	1.061	1.043	0.991	0.855	0.612
Crystal River 3	K08	Mk-B9	BW 15x15	3.90	15	1.87	B4C	22753	0.687	0.944	1.059	1.095	1.102	1.098	1.083	1.074	1.069	1.065	1.063	1.060	1.058	1.053	1.038	0.968	0.850	0.617
Crystal River 3	K03	Mk-B9	BW 15x15	3.90	15	1.87	B4C	23206	0.688	0.935	1.041	1.074	1.082	1.081	1.078	1.074	1.071	1.069	1.068	1.066	1.064	1.059	1.042	0.995	0.868	0.644
Crystal River 3	H07		BW 15x15	3.49	15	1.24	B4C	23336	0.644	0.918	1.041	1.082	1.095	1.098	1.096	1.091	1.087	1.083	1.078	1.073	1.069	1.061	1.044	0.994	0.863	0.580
Crystal River 3	K04	Mk-B9	BW 15x15	3.90	15	1.78	B4C	23367	0.690	0.944	1.054	1.088	1.095	1.091	1.080	1.073	1.069	1.066	1.064	1.062	1.059	1.055	1.040	0.991	0.857	0.624
Crystal River 3	K01	Mk-B9	BW 15x15	3.90	15	1.78	B4C	23451	0.692	0.940	1.045	1.077	1.085	1.084	1.080	1.076	1.073	1.070	1.068	1.067	1.064	1.058	1.041	0.990	0.860	0.631
Crystal River 3	K06	Mk-B9	BW 15x15	3.90	15	1.78	B4C	23469	0.690	0.943	1.052	1.086	1.093	1.089	1.079	1.071	1.067	1.064	1.062	1.061	1.059	1.054	1.040	0.992	0.862	0.634
Crystal River 3	E44		BW 15x15	2.62	15	0.18	B4C	23502	0.632	0.940	1.062	1.083	1.075	1.070	1.068	1.070	1.080	1.092	1.097	1.097	1.094	1.085	1.060	0.997	0.851	0.547
Crystal River 3	G10		BW 15x15	3.29	0			23557	0.589	0.900	1.033	1.079	1.098	1.100	1.098	1.094	1.090	1.087	1.085	1.084	1.083	1.077	1.060	1.008	0.872	0.565
Crystal River 3	F03		BW 15x15	2.95	15	0.18	B4C	23766	0.592	0.896	1.035	1.081	1.098	1.100	1.100	1.100	1.100	1.101	1.101	1.100	1.096	1.066	1.059	0.990	0.836	0.530
Crystal River 3	G09		BW 15x15	3.29	0			23769	0.589	0.900	1.032	1.078	1.094	1.099	1.098	1.095	1.091	1.088	1.085	1.084	1.081	1.075	1.058	1.008	0.876	0.570
Crystal River 3	H06		BW 15x15	3.49	15	0.71	B4C	23774	0.627	0.914	1.040	1.082	1.096	1.100	1.099	1.095	1.092	1.088	1.082	1.077	1.071	1.064	1.046	0.995	0.862	0.570
Crystal River 3	E43		BW 15x15	2.62	15	0.18	B4C	23777	0.610	0.921	1.050	1.083	1.091	1.093	1.094	1.093	1.093	1.093	1.092	1.090	1.086	1.077	1.054	0.992	0.847	0.541
Crystal River 3	C05		BW 15x15	2.83	0			23794	0.640	0.977	1.108	1.128	1.103	1.067	1.039	1.025	1.027	1.044	1.070	1.089	1.097	1.094	1.072	1.009	0.861	0.551
Crystal River 3	C08		BW 15x15	2.83	0			23802	0.631	0.964	1.082	1.098	1.085	1.039	1.026	1.031	1.056	1.084	1.100	1.109	1.111	1.105	1.080	1.012	0.857	0.543
Crystal River 3	C03		BW 15x15	2.83	0			24020	0.620	0.956	1.082	1.118	1.110	1.098	1.068	1.062	1.060	1.062	1.087	1.090	1.088	1.077	1.045	0.970	0.811	0.507
Crystal River 3	A11	Mk-B3	BW 15x15	1.93	0			24400	0.602	0.912	0.990	0.996	0.990	1.004	1.019	1.068	1.127	1.140	1.145	1.145	1.140	1.128	1.085	1.025	0.876	0.561
Crystal River 3	D12		BW 15x15	2.64	0			24623	0.695	1.049	1.162	1.118	1.096	1.073	1.060	1.037	1.036	1.049	1.069	1.064	1.068	1.060	1.051	0.975	0.792	0.495
Crystal River 3	G06		BW 15x15	3.29	15	1.24	B4C	25113	0.644	0.920	1.047	1.083	1.104	1.091	1.070	1.054	1.048	1.062	1.068	1.063	1.069	1.066	1.068	1.014	0.878	0.590
Crystal River 3	G01		BW 15x15	3.29	15	1.24	B4C	26031	0.637	0.905	1.027	1.071	1.067	1.069	1.066	1.081	1.078	1.076	1.077	1.079	1.079	1.076	1.061	1.012	0.882	0.597
Crystal River 3	D07		BW 15x15	2.64	0			26103	0.613	0.938	1.080	1.123	1.122	1.098	1.072	1.080	1.083	1.080	1.104	1.120	1.123	1.113	1.079	0.976	0.766	0.472
Crystal River 3	E02		BW 15x15	2.62	0			26160	0.593	0.911	1.050	1.096	1.109	1.110	1.108	1.100	1.095	1.092	1.091	1.090	1.088	1.080	1.058	0.991	0.827	0.514
Crystal River 3	C10		BW 15x15	2.83	0			26177	0.603	0.932	1.071	1.103	1.100	1.086	1.074	1.070	1.075	1.086	1.096	1.108	1.110	1.102	1.073	1.001	0.819	0.489
Crystal River 3	H02		BW 15x15	3.49	15	1.24	B4C	26183	0.639	0.913	1.032	1.070	1.082	1.084	1.083	1.081	1.081	1.080	1.080	1.079	1.078	1.073	1.057	1.009	0.882	0.597
Crystal River 3	B10		BW 15x15	2.54	15	0.9	B4C	26334	0.650	0.989	1.079	1.076	1.055	1.041	1.041	1.059	1.081	1.098	1.110	1.117	1.116	1.105	1.070	0.988	0.821	0.522
Crystal River 3	E45		BW 15x15	2.62	15	0.18	B4C	26408	0.621	0.917	1.039	1.072	1.073	1.068	1.065	1.066	1.074	1.086	1.092	1.095	1.095	1.089	1.070	1.017	0.881	0.579
Crystal River 3	D11		BW 15x15	2.64	0			26418	0.625	0.949	1.080	1.106	1.096	1.073	1.054	1.046	1.053	1.072	1.090	1.101	1.103	1.095	1.067	0.999	0.848	0.542
Crystal River 3	D01		BW 15x15	2.64	0			26758	0.625	0.940	1.067	1.103	1.111	1.110	1.105	1.100	1.096	1.095	1.094	1.094	1.092	1.083	1.055	0.986	0.774	0.489
Crystal River 3	E07		BW 15x15	2.62	0			26761	0.598	0.915	1.053	1.097	1.108	1.102	1.080	1.080	1.075	1.076	1.082	1.089	1.091	1.084	1.061	0.999	0.854	0.546
Crystal River 3	D02		BW 15x15	2.64	0			26764	0.627	0.947	1.076	1.108	1.101	1.085	1.089	1.080	1.080	1.089	1.080	1.088	1.090	1.083	1.059	0.997	0.854	0.549
Crystal River 3	E10		BW 15x15	2.62	0			26905	0.601	0.919	1.057	1.101	1.112	1.107	1.097	1.088	1.082	1.082	1.085	1.090	1.091	1.084	1.060	0.994	0.831	0.519
Crystal River 3	C02		BW 15x15	2.83	0			26985	0.611	0.930	1.060	1.096	1.103	1.101	1.097	1.093	1.089	1.087	1.087	1.086	1.083	1.074	1.048	0.984	0.838	0.533
Crystal River 3	G03		BW 15x15	3.29	0			27154	0.607	0.906	1.032	1.072	1.067	1.092	1.082	1.090	1.088	1.085	1.083	1.081	1.079	1.073	1.058	1.010	0.882	0.582
Crystal River 3	B01		BW 15x15	2.54	0			27373	0.665	1.026	1.141	1.109	1.085	1.083	1.082	1.078	1.073	1.069	1.067	1.067	1.085	1.054	1.025	0.956	0.812	0.523
Crystal River 3	H08		BW 15x15	3.49	0			27382	0.601	0.912	1.040	1.080	1.093	1.094	1.093	1.091	1.089	1.087	1.085	1.082	1.079	1.073	1.055	1.005	0.873	0.567
Crystal River 3	D05		BW 15x15	2.64	0			27449	0.644	0.973	1.108	1.137	1.119	1.040	0.989	0.977	0.983	1.019	1.068	1.123	1.129	1.120	1.093	1.025	0.874	0.561
Crystal River 3	B12		BW 15x15	2.54	15	0.9	B4C	27546	0.669	0.980	1.095	1.066	1.056	1.029	1.017	1.028	1.051	1.076	1.101	1.118	1.123	1.114	1.082	1.001	0.835	0.531
Crystal River 3	C07		BW 15x15	2.83	15	1.05	B4C	27648	0.613	0.828	1.061	1.082	1.085	1.068	1.055	1.054	1.065	1.082	1.099	1.110	1.113	1.104	1.076	1.005	0.849	0.542
Crystal River 3	I10	Mk-B4	BW 15x15	3.84	15	1.06	B4C	27806	0.641	0.923	1.046	1.086	1.096	1.094	1.087	1.082	1.079	1.077	1.076	1.075	1.074	1.069	1.054	1.002	0.866	0.574
Crystal River 3	D06		BW 15x15	2.64	0			27856	0.639	0.973	1.112	1.135	1.058	1.008	0.959	0.944	0.981	1.068	1.112	1.142	1.149	1.139	1.109	1.036	0.877	0.560
Crystal River 3	D09		BW 15x15	2.64	0			27935	0.614	0.924	1.049	1.086	1.086	1.102	1.104	1.102	1.096	1.093	1.088	1.084	1.079	1.070	1.045	0.982	0.840	0.542
Crystal River 3	E11		BW 15x15	2.62	0			28225	0.589	0.897	1.030	1.076	1.092	1.095	1.092	1.088	1.085	1.085	1.086	1.089	1.089	1.085	1.067	1.012	0.875	0.568
Crystal River 3	C04		BW 15x15	2.83	0			28358	0.646	0.983	1.110	1.112	1.087	1.057	1.035	1.029	1.038	1.067	1.081	1.097	1.102	1.095	1.069	1.004	0.853	0.546
Crystal River 3	D14		BW 15x15	2.64	0			28673	0.612	0.915	1.037	1.072	1.083	1.085	1.084	1.082	1.079	1.077	1.077	1.078	1.079	1.077	1.063	1.017	0.892	0.591
Crystal River 3	H07		BW 15x15	3.49	15	1.24	B4C	28739	0.639	0.916	1.035	1.074	1.087	1.090	1.089	1.086	1.084	1.082	1.079	1.075	1.072	1.066	1.051	1.004	0.878	0.592
Crystal River 3	E42		BW 15x15	2.62	15	0.44	B4C	28750	0.669	0.976	1.103	1.138	1.128	1.059	0.975	0.946	0.951	0.962	1.058	1.118	1.131	1.128	1.102	1.042	0.901	0.596
Crystal River 3	D03		BW 15x15	2.64	0			28985	0.617	0.928	1.055	1.093	1.102	1.102	1.100	1.097	1.094	1.093	1.092	1.090	1.087	1.078	1.052	0.967	0.824	0.509
Crystal River 3	D13		BW 15x15	2.64	0			29292	0.605	0.907	1.031	1.072	1.088	1.094	1.095	1.091	1.085	1.079	1.076	1.075	1.076	1.074	1.062	1.015	0.867	0.585
Crystal River 3	E46		BW 15x15	2.62	15	0.44	B4C	29420	0.635	0.931	1.067	1.093	1.082	1.080	1.066	1.059	1.064	1.076	1.089	1.097	1.098	1.090	1.064	0.998	0.852	0.558
Crystal River 3	E48		BW 15x15	2.62	15	0.18	B4C	29640	0.635	0.935	1.061	1.097	1.095	1.078	1.057	1.045	1.047	1.062	1.080	1.094	1.099	1.093	1.070	1.009	0.870	0.572
Crystal River 3	D10		BW 15x15	2.64	14	0.18	B4C	29938	0.625	0.915	1.033	1.068	1.079	1.087	1.094	1.098	1.101	1.100	1.096	1.090	1.085	1.075	1.051	0.990	0.852	0.561
Crystal River 3	J08	Mk-B4	BW 15x15	3.94	15	1.78	B4C	29972	0.666	0.928	1.039	1.074	1.084	1.085	1.080	1.076	1.073	1.071	1.070	1.069	1.067	1.063	1.050	1.008	0.888	0.612
Crystal River 3	E41		BW 15x15	2.62	15	0.44	B4C	30122	0.645	0.939	1.056	1.086	1.094	1.093	1.090	1.085	1.082	1.081	1.081	1.083	1.081	1.074	1.050	0.985	0.841	0.553
Crystal River 3	C01		BW 15x15	2.83	0			30241	0.644	0.970	1.096	1.111	1.108	1.102	1.095	1.090	1.087	1.089	1.092	1.094	1.091	1.076	1.039	0.953	0.778	0.485

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height: Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Crystal River 3	E08		BW 15x15	2.62	0			30272	0.901	0.907	1.040	1.087	1.103	1.101	1.093	1.086	1.081	1.081	1.085	1.089	1.091	1.084	1.061	0.999	0.855	0.555
Crystal River 3	J12	Mk-B4	BW 15x15	3.94	15	1.78	B4C	30440	0.861	0.930	1.046	1.082	1.092	1.092	1.085	1.080	1.076	1.074	1.072	1.071	1.068	1.062	1.047	0.999	0.871	0.591
Crystal River 3	G05		BW 15x15	3.29	15	0.18	B4C	30467	0.624	0.910	1.028	1.066	1.080	1.083	1.082	1.081	1.079	1.078	1.078	1.079	1.079	1.075	1.062	1.019	0.897	0.601
Crystal River 3	E05		BW 15x15	2.62	0			30596	0.599	0.906	1.040	1.086	1.100	1.097	1.088	1.079	1.075	1.076	1.082	1.088	1.090	1.085	1.085	1.007	0.869	0.587
Crystal River 3	H06		BW 15x15	3.49	15	0.71	B4C	30675	0.628	0.913	1.034	1.072	1.086	1.089	1.089	1.087	1.085	1.083	1.080	1.077	1.074	1.068	1.053	1.007	0.883	0.590
Crystal River 3	H04		BW 15x15	3.49	0			30870	0.612	0.918	1.042	1.081	1.092	1.094	1.092	1.090	1.087	1.085	1.082	1.079	1.076	1.069	1.052	1.002	0.873	0.573
Crystal River 3	E04		BW 15x15	2.62	0			30992	0.603	0.911	1.041	1.083	1.095	1.096	1.092	1.089	1.088	1.089	1.090	1.092	1.091	1.084	1.063	1.004	0.849	0.540
Crystal River 3	G11		BW 15x15	3.29	15	0.18	B4C	31193	0.623	0.914	1.039	1.082	1.098	1.102	1.100	1.098	1.091	1.086	1.082	1.079	1.075	1.068	1.049	0.998	0.863	0.556
Crystal River 3	G07		BW 15x15	3.29	15	1.24	B4C	31251	0.644	0.923	1.046	1.089	1.101	1.094	1.079	1.068	1.062	1.062	1.070	1.078	1.079	1.074	1.056	1.006	0.876	0.562
Crystal River 3	J03	Mk-B4	BW 15x15	3.94	15	1.51	B4C	31832	0.659	0.924	1.034	1.067	1.078	1.080	1.079	1.077	1.075	1.074	1.073	1.072	1.071	1.067	1.054	1.011	0.892	0.614
Crystal River 3	E47		BW 15x15	2.62	0			31895	0.596	0.903	1.032	1.075	1.089	1.092	1.091	1.089	1.089	1.089	1.089	1.089	1.087	1.080	1.060	1.006	0.872	0.571
Crystal River 3	I11	Mk-B4	BW 15x15	3.84	0			31961	0.618	0.923	1.046	1.084	1.095	1.094	1.090	1.088	1.082	1.080	1.079	1.077	1.075	1.069	1.051	1.001	0.874	0.575
Crystal River 3	I07	Mk-B4	BW 15x15	3.84	15	0.18	B4C	31994	0.625	0.916	1.040	1.078	1.089	1.090	1.087	1.084	1.082	1.080	1.079	1.079	1.077	1.071	1.054	1.005	0.879	0.581
Crystal River 3	D15		BW 15x15	2.64	0			32086	0.618	0.921	1.042	1.080	1.092	1.093	1.091	1.087	1.083	1.079	1.078	1.078	1.077	1.072	1.055	1.004	0.874	0.575
Crystal River 3	F02		BW 15x15	2.95	15	0.18	B4C	32461	0.623	0.915	1.037	1.077	1.090	1.092	1.091	1.090	1.089	1.089	1.089	1.087	1.084	1.076	1.053	0.994	0.858	0.566
Crystal River 3	B13		BW 15x15	2.54	15	1.19	B4C	32523	0.632	0.935	1.057	1.085	1.096	1.094	1.092	1.094	1.096	1.089	1.090	1.090	1.086	1.076	1.050	0.987	0.847	0.554
Crystal River 3	H01		BW 15x15	3.49	15	0.96	B4C	32529	0.632	0.915	1.036	1.076	1.089	1.092	1.092	1.090	1.088	1.086	1.082	1.079	1.075	1.068	1.050	0.999	0.870	0.582
Crystal River 3	J09	Mk-B4	BW 15x15	3.94	0			32819	0.624	0.928	1.048	1.082	1.091	1.090	1.085	1.081	1.079	1.077	1.076	1.074	1.073	1.068	1.054	1.007	0.861	0.583
Crystal River 3	B07		BW 15x15	2.54	15	1.19	B4C	32831	0.632	0.936	1.059	1.088	1.091	1.088	1.087	1.088	1.091	1.093	1.094	1.093	1.090	1.079	1.052	0.987	0.833	0.519
Crystal River 3	I04	Mk-B4	BW 15x15	3.84	0			33038	0.624	0.924	1.041	1.076	1.087	1.087	1.084	1.078	1.073	1.072	1.071	1.072	1.072	1.069	1.057	1.015	0.897	0.600
Crystal River 3	F51		BW 15x15	2.95	15	0.44	B4C	33181	0.637	0.917	1.032	1.070	1.084	1.087	1.085	1.081	1.078	1.076	1.075	1.075	1.074	1.071	1.057	1.012	0.889	0.601
Crystal River 3	G02		BW 15x15	3.29	15	1.24	B4C	33607	0.645	0.916	1.031	1.070	1.083	1.085	1.082	1.078	1.075	1.074	1.074	1.075	1.075	1.071	1.057	1.011	0.888	0.606
Crystal River 3	H08		BW 15x15	3.49	0			33865	0.610	0.912	1.035	1.072	1.084	1.086	1.086	1.085	1.084	1.083	1.082	1.081	1.079	1.074	1.059	1.012	0.888	0.587
Crystal River 3	H05		BW 15x15	3.49	15	1.24	B4C	34089	0.651	0.929	1.047	1.085	1.096	1.096	1.092	1.087	1.083	1.080	1.077	1.075	1.072	1.066	1.049	0.998	0.860	0.559
Crystal River 3	J07	Mk-B4	BW 15x15	3.94	15	1.78	B4C	34141	0.660	0.930	1.043	1.078	1.087	1.086	1.081	1.078	1.074	1.072	1.071	1.070	1.068	1.063	1.050	1.005	0.882	0.604
Crystal River 3	I12	Mk-B4	BW 15x15	3.84	15		B4C	34333	0.628	0.919	1.036	1.072	1.084	1.086	1.084	1.080	1.076	1.074	1.074	1.074	1.074	1.071	1.058	1.015	0.895	0.599
Crystal River 3	G04		BW 15x15	3.29	15	1.24	B4C	34566	0.650	0.925	1.044	1.085	1.097	1.090	1.077	1.067	1.062	1.062	1.069	1.076	1.078	1.073	1.056	1.007	0.861	0.600
Crystal River 3	G08		BW 15x15	3.29	15	1.24	B4C	34729	0.666	0.945	1.064	1.106	1.116	1.107	1.079	1.052	1.042	1.042	1.050	1.058	1.061	1.057	1.048	1.011	0.888	0.608
Crystal River 3	I01	Mk-B4	BW 15x15	3.84	15	0.71	B4C	34777	0.646	0.924	1.038	1.069	1.079	1.081	1.080	1.079	1.078	1.078	1.077	1.076	1.074	1.069	1.053	1.009	0.890	0.603
Crystal River 3	F01		BW 15x15	2.95	15	0.44	B4C	34809	0.640	0.931	1.047	1.077	1.085	1.087	1.087	1.087	1.087	1.086	1.085	1.083	1.079	1.071	1.050	0.995	0.862	0.581
Crystal River 3	H03		BW 15x15	3.49	15	1.24	B4C	34920	0.648	0.928	1.042	1.080	1.091	1.092	1.089	1.085	1.081	1.078	1.075	1.072	1.068	1.063	1.047	0.999	0.873	0.591
Crystal River 3	E49		BW 15x15	2.62	0			35080	0.618	0.914	1.038	1.079	1.093	1.094	1.091	1.087	1.084	1.083	1.083	1.082	1.080	1.073	1.054	1.001	0.872	0.577
Crystal River 3	I15	Mk-B4	BW 15x15	3.84	15		B4C	35340	0.635	0.931	1.051	1.087	1.096	1.094	1.090	1.085	1.082	1.080	1.079	1.078	1.076	1.071	1.054	1.003	0.865	0.547
Crystal River 3	H09		BW 15x15	3.49	15	1.24	B4C	35422	0.657	0.932	1.046	1.082	1.092	1.091	1.086	1.080	1.076	1.073	1.070	1.068	1.065	1.060	1.046	1.000	0.877	0.598
Crystal River 3	I11	Mk-B4	BW 15x15	3.84	0			36885	0.622	0.922	1.041	1.076	1.087	1.087	1.084	1.081	1.079	1.078	1.076	1.077	1.076	1.071	1.058	1.010	0.887	0.599
Crystal River 3	E12		BW 15x15	2.62	0			37383	0.624	0.924	1.047	1.084	1.091	1.086	1.079	1.076	1.077	1.082	1.087	1.090	1.089	1.081	1.059	1.000	0.865	0.561
Crystal River 3	G07		BW 15x15	3.29	15	1.24	B4C	37830	0.641	0.920	1.040	1.081	1.093	1.088	1.077	1.069	1.065	1.066	1.072	1.078	1.080	1.075	1.059	1.011	0.886	0.600
Crystal River 3	E03		BW 15x15	2.62	0			37862	0.624	0.923	1.045	1.082	1.089	1.084	1.078	1.074	1.075	1.080	1.085	1.088	1.088	1.080	1.059	1.002	0.869	0.576
Crystal River 3	J01	Mk-B4	BW 15x15	3.94	15	1.78	B4C	37816	0.662	0.928	1.038	1.070	1.080	1.081	1.080	1.078	1.076	1.074	1.073	1.072	1.071	1.066	1.051	1.006	0.866	0.610
Crystal River 3	I07	Mk-B4	BW 15x15	3.84	15	0.18	B4C	37844	0.628	0.919	1.037	1.073	1.084	1.084	1.082	1.080	1.079	1.078	1.078	1.078	1.077	1.073	1.057	1.011	0.888	0.562
Crystal River 3	I09	Mk-B4	BW 15x15	3.84	15	0.71	B4C	38168	0.649	0.928	1.040	1.074	1.085	1.085	1.080	1.076	1.073	1.071	1.070	1.070	1.069	1.066	1.053	1.010	0.893	0.609
Crystal River 3	J10	Mk-B4	BW 15x15	3.94	0			38374	0.643	0.933	1.042	1.073	1.082	1.083	1.081	1.078	1.076	1.075	1.074	1.073	1.071	1.066	1.051	1.007	0.890	0.603
Crystal River 3	I06	Mk-B4	BW 15x15	3.84	15	0.71	B4C	38504	0.653	0.931	1.043	1.078	1.088	1.088	1.084	1.079	1.076	1.074	1.072	1.070	1.068	1.063	1.050	1.004	0.882	0.597
Crystal River 3	J05	Mk-B4	BW 15x15	3.94	0			38543	0.636	0.933	1.046	1.078	1.086	1.085	1.082	1.078	1.076	1.074	1.073	1.072	1.071	1.066	1.052	1.007	0.886	0.598
Crystal River 3	G09		BW 15x15	3.29	0			38747	0.632	0.930	1.051	1.090	1.103	1.096	1.077	1.069	1.066	1.064	1.063	1.062	1.062	1.061	1.060	1.018	0.895	0.599
Crystal River 3	G10		BW 15x15	3.29	0			38753	0.622	0.914	1.032	1.069	1.083	1.086	1.085	1.083	1.081	1.080	1.079	1.078	1.077	1.073	1.058	1.012	0.890	0.597
Crystal River 3	G12		BW 15x15	3.29	0			38769	0.622	0.914	1.032	1.069	1.082	1.086	1.085	1.083	1.081	1.080	1.079	1.079	1.077	1.073	1.058	1.013	0.891	0.597
Crystal River 3	J11	Mk-B4	BW 15x15	3.94	0			38875	0.646	0.937	1.048	1.079	1.086	1.088	1.085	1.082	1.079	1.078	1.076	1.075	1.073	1.067	1.051	1.004	0.876	0.588
Crystal River 3	I08	Mk-B4	BW 15x15	3.84	15	1	B4C	39037	0.673	0.951	1.063	1.096	1.106	1.105	1.077	1.061	1.057	1.054	1.053	1.051	1.049	1.046	1.045	1.009	0.890	0.610
Crystal River 3	I02	Mk-B4	BW 15x15	3.84	15	0.88	B4C	39062	0.652	0.928	1.035	1.069	1.080	1.082	1.082	1.080	1.078	1.076	1.074	1.073	1.071	1.067	1.052	1.008	0.889	0.607
Crystal River 3	I13	Mk-B4	BW 15x15	3.84	15	0.71	B4C	39481	0.656	0.936	1.048	1.083	1.092	1.090	1.083	1.077	1.073	1.071	1.069	1.068	1.066	1.061	1.047	1.000	0.879	0.596
Crystal River 3	I05	Mk-B4	BW 15x15	3.84	15	0.71	B4C	39515	0.656	0.930	1.038	1.071	1.082	1.083	1.081	1.079	1.077	1.074	1.073	1.071	1.069	1.066	1.049	1.005	0.889	0.610
Crystal River 3	I14	Mk-B4	BW 15x15	3.84	15	0.71	B4C	39618	0.657	0.931	1.038	1.070	1.079	1.081	1.079	1.076	1.074	1.072	1.070	1.069	1.066	1.065	1.052	1.011	0.894	0.612
Crystal River 3	H10		BW 15x15	3.49	15	0.71	B4C	39749	0.640	0.923	1.039	1.075	1.088	1.090	1.089	1.086	1.084	1.081	1.078	1.075	1.072	1.065	1.049	1.003	0.879	0.583
Crystal River 3	G06		BW 15x15	3.29	15	1.24	B4C	40247	0.647	0.923	1.039	1.078	1.089	1.083	1.072	1.063	1.060	1.062	1.069	1.077	1.080	1.078	1.063	1.016	0.892	0.606
Crystal River 3	I01	Mk-B4	BW 15x15	3.84	15	0.71	B4C	41446	0.646	0.923	1.032	1.064	1.073	1.075	1.075	1.075	1.075	1.075	1.075	1.075	1.075	1.071	1.058	1.016	0.901	0.615
Crystal River 3	J04	Mk-B4	BW 15x15	3.94	15	1.78	B4C	41739	0.686	0.957	1.064	1.097	1.108	1.103	1.070	1.058	1.055	1.052	1.051	1.050	1.048	1.044	1.047	1.008	0.888	0.615
Crystal River 3	J02	Mk-B4	BW 15x15	3.94	15	1.51	B4C	41847	0.669	0.938	1.045	1.077	1.087	1.086	1.081	1.076	1.073	1.071	1.069	1.068	1.066	1.061	1.046	1.001	0.880	0.607
Crystal River 3	J06	Mk-B4	BW 15x15	3.94	15	1.78	B4C	42684	0.675	0.940	1.045	1.076	1.085	1.084	1.079	1.075	1.072	1.070	1.068	1.067	1.065	1.060	1.045	1.000	0.882	0.613
Crystal River 3	I10	Mk-B4	BW 15x15	3.84	15	1.06	B4C	46910	0.681	0.933	1.041	1.074	1.083	1.082	1.077	1.074	1.072	1.071	1.071	1.070	1.070	1.066	1.053	1.008	0.887	0.606

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Davis Besse	E46		BW 15x15	2.99	0			6477	0.537	0.884	1.046	1.104	1.122	1.126	1.124	1.122	1.120	1.117	1.114	1.108	1.096	1.082	1.047	0.969	0.798	0.481
Davis Besse	D31		BW 15x15	3.04	0			6645	0.540	0.891	1.054	1.113	1.133	1.137	1.134	1.128	1.120	1.112	1.105	1.098	1.088	1.072	1.038	0.962	0.795	0.482
Davis Besse	E06		BW 15x15	2.99	0			6662	0.534	0.887	1.054	1.118	1.144	1.152	1.149	1.140	1.127	1.112	1.101	1.092	1.082	1.066	1.032	0.954	0.784	0.471
Davis Besse	D03		BW 15x15	3.04	0			6695	0.547	0.901	1.061	1.116	1.130	1.129	1.122	1.114	1.104	1.096	1.089	1.084	1.079	1.072	1.050	0.985	0.821	0.500
Davis Besse	C08		BW 15x15	2.96	0			6862	0.478	0.824	1.009	1.086	1.111	1.115	1.115	1.119	1.127	1.139	1.148	1.151	1.147	1.128	1.082	0.982	0.785	0.456
Davis Besse	E44		BW 15x15	2.99	0			6869	0.521	0.871	1.041	1.110	1.140	1.156	1.163	1.161	1.150	1.134	1.115	1.097	1.081	1.061	1.023	0.943	0.772	0.462
Davis Besse	D06		BW 15x15	3.04	0			7174	0.538	0.894	1.062	1.123	1.140	1.140	1.133	1.123	1.112	1.102	1.095	1.088	1.082	1.072	1.044	0.972	0.801	0.480
Davis Besse	C05		BW 15x15	2.96	0			7191	0.481	0.829	1.014	1.083	1.122	1.129	1.130	1.133	1.139	1.146	1.150	1.151	1.143	1.122	1.070	0.961	0.785	0.431
Davis Besse	E47		BW 15x15	2.99	0			7280	0.561	0.906	1.054	1.107	1.122	1.123	1.121	1.118	1.117	1.115	1.112	1.107	1.096	1.082	1.048	0.987	0.789	0.470
Davis Besse	C09		BW 15x15	2.96	0			7807	0.486	0.832	1.013	1.068	1.112	1.115	1.114	1.117	1.124	1.134	1.142	1.146	1.141	1.124	1.079	0.982	0.788	0.460
Davis Besse	E03		BW 15x15	2.99	0			8349	0.555	0.904	1.062	1.118	1.136	1.139	1.136	1.130	1.122	1.113	1.103	1.094	1.083	1.066	1.031	0.954	0.783	0.472
Davis Besse	E42		BW 15x15	2.99	0			8392	0.536	0.880	1.041	1.107	1.140	1.162	1.174	1.172	1.160	1.138	1.112	1.091	1.073	1.051	1.014	0.933	0.761	0.456
Davis Besse	E02		BW 15x15	2.99	0			8663	0.559	0.909	1.066	1.121	1.138	1.141	1.138	1.132	1.124	1.114	1.105	1.095	1.083	1.066	1.031	0.951	0.772	0.456
Davis Besse	E41		BW 15x15	2.99	0			8721	0.542	0.885	1.045	1.109	1.141	1.163	1.174	1.173	1.161	1.139	1.114	1.092	1.074	1.053	1.015	0.932	0.750	0.438
Davis Besse	D07		BW 15x15	3.04	0			8834	0.561	0.915	1.072	1.123	1.135	1.133	1.126	1.116	1.106	1.097	1.089	1.082	1.076	1.067	1.043	0.974	0.803	0.483
Davis Besse	E45		BW 15x15	2.99	0			9114	0.552	0.898	1.054	1.110	1.127	1.130	1.128	1.124	1.119	1.113	1.106	1.097	1.085	1.068	1.035	0.962	0.801	0.493
Davis Besse	E04		BW 15x15	2.99	0			9153	0.564	0.911	1.065	1.119	1.136	1.138	1.131	1.120	1.108	1.098	1.090	1.085	1.077	1.063	1.032	0.962	0.803	0.497
Davis Besse	D01		BW 15x15	3.04	0			9430	0.566	0.921	1.078	1.129	1.140	1.137	1.130	1.120	1.110	1.100	1.091	1.084	1.078	1.066	1.042	0.967	0.783	0.456
Davis Besse	C03		BW 15x15	2.96	0			9466	0.496	0.843	1.023	1.100	1.128	1.135	1.136	1.138	1.141	1.145	1.147	1.145	1.136	1.113	1.080	0.949	0.742	0.422
Davis Besse	D04		BW 15x15	3.04	0			9566	0.567	0.917	1.070	1.121	1.133	1.129	1.120	1.109	1.097	1.087	1.080	1.075	1.070	1.062	1.042	0.982	0.827	0.513
Davis Besse	C02		BW 15x15	2.96	0			9920	0.502	0.848	1.028	1.104	1.132	1.140	1.142	1.143	1.146	1.148	1.149	1.146	1.136	1.112	1.058	0.941	0.722	0.401
Davis Besse	C06		BW 15x15	2.96	0			10190	0.493	0.840	1.020	1.092	1.112	1.112	1.109	1.112	1.122	1.135	1.145	1.149	1.144	1.124	1.077	0.977	0.780	0.455
Davis Besse	E05		BW 15x15	2.99	0			10592	0.579	0.921	1.070	1.123	1.144	1.149	1.144	1.132	1.115	1.097	1.085	1.077	1.069	1.055	1.024	0.952	0.786	0.478
Davis Besse	E43		BW 15x15	2.99	0			11026	0.565	0.906	1.056	1.110	1.130	1.140	1.142	1.138	1.128	1.114	1.096	1.084	1.069	1.051	1.020	0.952	0.796	0.496
Davis Besse	D05		BW 15x15	3.04	0			11565	0.579	0.929	1.081	1.130	1.140	1.135	1.124	1.111	1.099	1.089	1.082	1.077	1.071	1.062	1.038	0.971	0.801	0.482
Davis Besse	A08		BW 15x15	1.96	0			11772	0.582	0.969	1.153	1.173	1.016	0.863	0.772	0.765	0.871	1.068	1.207	1.269	1.278	1.262	1.214	1.107	0.895	0.532
Davis Besse	G09	MkB5A	BW 15x15	3.13	15	0.18	B4C	11853	0.613	0.914	1.048	1.095	1.109	1.113	1.113	1.112	1.110	1.104	1.097	1.089	1.081	1.069	1.042	0.976	0.812	0.503
Davis Besse	A10		BW 15x15	1.96	0			11930	0.509	0.857	1.032	1.093	1.096	1.084	1.073	1.077	1.096	1.123	1.145	1.156	1.154	1.137	1.092	0.986	0.802	0.474
Davis Besse	E01		BW 15x15	2.99	0			11968	0.612	0.944	1.068	1.101	1.108	1.106	1.097	1.083	1.070	1.061	1.057	1.059	1.062	1.061	1.050	1.009	0.877	0.574
Davis Besse	C07		BW 15x15	2.96	15	1.11	B4C	12096	0.517	0.855	1.026	1.095	1.111	1.108	1.102	1.103	1.112	1.123	1.133	1.137	1.134	1.117	1.075	0.981	0.793	0.475
Davis Besse	A01		BW 15x15	1.96	0			12385	0.489	0.837	1.009	1.078	1.100	1.103	1.103	1.106	1.115	1.127	1.137	1.143	1.142	1.129	1.089	0.997	0.806	0.479
Davis Besse	A07		BW 15x15	1.96	0			12703	0.533	0.881	1.027	1.090	1.103	1.100	1.096	1.106	1.123	1.144	1.160	1.167	1.164	1.146	1.096	0.983	0.731	0.366
Davis Besse	A09		BW 15x15	1.96	0			13101	0.526	0.876	1.045	1.096	1.096	1.057	1.039	1.044	1.075	1.119	1.155	1.174	1.176	1.160	1.116	1.010	0.787	0.458
Davis Besse	C04		BW 15x15	2.96	0			13112	0.513	0.850	1.034	1.102	1.120	1.118	1.114	1.115	1.124	1.135	1.143	1.146	1.139	1.118	1.070	0.965	0.751	0.434
Davis Besse	A04		BW 15x15	1.96	0			13281	0.497	0.831	1.003	1.078	1.109	1.120	1.125	1.130	1.135	1.141	1.145	1.146	1.140	1.121	1.074	0.972	0.776	0.456
Davis Besse	A06		BW 15x15	1.96	0			13303	0.518	0.862	1.032	1.094	1.102	1.091	1.083	1.086	1.102	1.126	1.144	1.153	1.150	1.132	1.086	0.986	0.789	0.464
Davis Besse	A02		BW 15x15	1.96	0			13402	0.502	0.836	1.010	1.082	1.109	1.117	1.120	1.124	1.131	1.140	1.146	1.148	1.144	1.128	1.080	0.977	0.783	0.443
Davis Besse	A05		BW 15x15	1.96	0			13446	0.514	0.855	1.024	1.085	1.094	1.084	1.076	1.081	1.100	1.125	1.146	1.156	1.155	1.139	1.094	0.986	0.801	0.474
Davis Besse	B08		BW 15x15	2.63	15	1.26	B4C	13542	0.533	0.885	1.034	1.102	1.122	1.123	1.120	1.120	1.125	1.132	1.136	1.137	1.130	1.110	1.062	0.957	0.754	0.440
Davis Besse	A03		BW 15x15	1.96	0			13610	0.514	0.855	1.024	1.087	1.101	1.096	1.091	1.095	1.110	1.126	1.144	1.152	1.150	1.133	1.089	0.990	0.786	0.456
Davis Besse	F08		BW 15x15	3.19	15	0.18	B4C	13653	0.619	0.921	1.054	1.100	1.113	1.110	1.102	1.095	1.090	1.090	1.092	1.095	1.094	1.083	1.053	0.977	0.808	0.504
Davis Besse	H09	MkB8A	BW 15x15	3.38	15		B4C	13657	0.627	0.932	1.059	1.100	1.112	1.114	1.113	1.111	1.107	1.103	1.096	1.089	1.080	1.066	1.036	0.984	0.797	0.493
Davis Besse	G05	MkB5A	BW 15x15	3.13	15	0.18	B4C	13624	0.620	0.919	1.048	1.091	1.103	1.105	1.104	1.102	1.099	1.094	1.088	1.081	1.073	1.061	1.036	0.982	0.842	0.549
Davis Besse	C10		BW 15x15	2.96	0			13957	0.525	0.871	1.039	1.103	1.122	1.123	1.119	1.116	1.115	1.116	1.116	1.115	1.110	1.087	1.062	0.979	0.797	0.474
Davis Besse	B06		BW 15x15	2.63	15	1.11	B4C	13990	0.541	0.861	1.060	1.102	1.091	1.062	1.042	1.043	1.070	1.111	1.144	1.159	1.159	1.142	1.099	1.003	0.811	0.490
Davis Besse	B09		BW 15x15	2.63	15	0.96	B4C	14234	0.543	0.865	1.053	1.101	1.085	1.051	1.028	1.030	1.061	1.107	1.144	1.163	1.165	1.150	1.108	1.012	0.819	0.494
Davis Besse	C01		BW 15x15	2.96	0			14404	0.546	0.878	1.047	1.116	1.138	1.142	1.142	1.143	1.147	1.152	1.154	1.151	1.140	1.117	1.064	0.939	0.664	0.321
Davis Besse	B07		BW 15x15	2.63	15	0.96	B4C	14481	0.545	0.883	1.048	1.097	1.083	1.052	1.032	1.036	1.067	1.112	1.149	1.168	1.169	1.154	1.110	1.009	0.807	0.481
Davis Besse	B05		BW 15x15	2.63	15	1.11	B4C	14689	0.542	0.878	1.044	1.096	1.086	1.059	1.040	1.043	1.070	1.110	1.143	1.160	1.160	1.145	1.102	1.007	0.817	0.497
Davis Besse	B10		BW 15x15	2.63	15	1.26	B4C	14701	0.529	0.859	1.029	1.086	1.115	1.115	1.111	1.114	1.123	1.134	1.143	1.146	1.139	1.117	1.069	0.964	0.756	0.442
Davis Besse	B04		BW 15x15	2.63	15	1.26	B4C	14726	0.526	0.861	1.017	1.084	1.106	1.108	1.108	1.112	1.120	1.130	1.138	1.141	1.137	1.120	1.077	0.978	0.781	0.465
Davis Besse	B03		BW 15x15	2.63	15	1.11	B4C	14965	0.537	0.867	1.032	1.096	1.111	1.109	1.105	1.106	1.115	1.126	1.136	1.139	1.135	1.117	1.072	0.971	0.771	0.457
Davis Besse	B01		BW 15x15	2.63	0			14979	0.504	0.837	1.009	1.067	1.121	1.135	1.141	1.145	1.147	1.149	1.149	1.147	1.136	1.117	1.069	0.959	0.729	0.417
Davis Besse	B02		BW 15x15	2.63	15	1.11	B4C	15054	0.527	0.855	1.021	1.085	1.102	1.100	1.097	1.101	1.110	1.124	1.135	1.140	1.137	1.122	1.080	0.986	0.797	0.483
Davis Besse	F05		BW 15x15	3.19	15	0.44	B4C	15284	0.637	0.927	1.052	1.093	1.102	1.099	1.092	1.086	1.083	1.083	1.086	1.089	1.088	1.080	1.054	0.987	0.829	0.536
Davis Besse	E47		BW 15x15	2.99	0			15528	0.566	0.902	1.046	1.096	1.111	1.112	1.109	1.106	1.105	1.105	1.105	1.104	1.100	1.088	1.057	0.981	0.811	0.495
Davis Besse	I09	MkB8A	BW 15x15	3.89	0			15594	0.595	0.918	1.047	1.088	1.099	1.100	1.098	1.095	1.093	1.093	1.093	1.094	1.093	1.086	1.063	0.995	0.829	0.521
Davis Besse	E45		BW 15x15	2.99	0			15696	0.567	0.899	1.042	1.091	1.106	1.108	1.107	1.104	1.102	1.100	1.099	1.097	1.092	1.080	1.054	0.990	0.836	0.526
Davis Besse	H11	MkB8A	BW 15x15	3.38	15	0.18	B4C	15738	0.629	0.923	1.048	1.088	1.101	1.104	1.104	1.103	1.100	1.095	1.089	1.082	1.073	1.060	1.034	0.977	0.837	0.550
Davis Besse	G11	MkB5A	BW 15x15	3.13	15	0.44	B4C	15845	0.648	0.941	1.067	1.107	1.115	1.109	1.099	1.091	1.086	1.081	1.075	1.068	1.062	1.053	1.033	0.976	0.836	0.554
Davis Besse	G02	MkB5A	BW 15x15	3.13	15	1.23	B4C	16223	0.670	0.937	1.057	1.096	1.107	1.105	1.101	1.096	1.091	1.087	1.082	1.076	1.068	1.056	1.031	0.968	0.821	0.549
Davis Besse	G06	MkB5A	BW 15x15	3.13	15	0.97	B4C	16514	0.669	0.948	1.071	1.112	1.119	1.112	1.100	1.092	1.086	1.080	1.074	1.068	1.061	1.052	1.030	0.967	0.818	0.541
Davis Besse	D03		BW 15x15	3.04	0			16642	0.583	0.920	1.062	1.109	1.122	1.122	1.115	1.108	1.097	1.089	1.083	1.079	1.074	1.064	1.040	0.980	0.830	0.525
Davis Besse	F03		BW 15x15	3.19	15	0.7	B4C	16650	0.657	0.926	1.038	1.075	1.086	1.086	1.083	1.079	1.078	1.078	1.081	1.083	1.084	1.076	1.057	0.999	0.857	0.577
Davis Besse	A12		BW 15x15	1.96	0			16678	0.574	0.936	1.108	1.142	1.057	0.966	0.910	0.904	0.964	1.081	1.165	1.202	1.206	1.191	1.151	1.058	0.864	0.521
Davis Besse	F07		BW 15x15	3.19	15	0.44	B4C	16701	0.654	0.944	1.068	1.106	1.115	1.099	1.087	1.048	1.039	1.043	1.061	1.082	1.091	1.085	1.062	1.002	0.861	0.573
Davis Besse	G04	MkB5A	BW 15x15	3.13	15	1.23	B4C	16848	0.683	0.950	1.066	1.104	1.111	1.105	1.094	1.087	1.082	1.077	1.073	1.067	1.061	1.053	1.032	0.972	0.827	0.557

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Davis Besse	F08		BW 15x15	3.19	15	0.7	B4C	16900	0.666	0.949	1.072	1.113	1.120	1.103	1.089	1.047	1.038	1.042	1.062	1.085	1.095	1.089	1.083	0.994	0.839	0.555
Davis Besse	F04		BW 15x15	3.19	15	0.97	B4C	16914	0.675	0.943	1.057	1.096	1.102	1.087	1.057	1.039	1.033	1.038	1.057	1.080	1.090	1.086	1.085	1.010	0.878	0.607
Davis Besse	E42		BW 15x15	2.99	0			16926	0.569	0.896	1.038	1.089	1.109	1.120	1.124	1.122	1.118	1.110	1.101	1.094	1.087	1.075	1.047	0.977	0.816	0.507
Davis Besse	G03	MkB5A	BW 15x15	3.13	15	1.23	B4C	16939	0.676	0.938	1.050	1.086	1.094	1.094	1.090	1.086	1.082	1.078	1.074	1.069	1.063	1.054	1.033	0.981	0.855	0.587
Davis Besse	E44		BW 15x15	2.99	0			16953	0.568	0.896	1.040	1.091	1.109	1.114	1.112	1.108	1.104	1.099	1.096	1.094	1.089	1.079	1.052	0.987	0.834	0.527
Davis Besse	F02		BW 15x15	3.19	15	0.97	B4C	16998	0.685	0.933	1.049	1.087	1.095	1.091	1.082	1.074	1.071	1.073	1.078	1.083	1.084	1.077	1.053	0.991	0.844	0.570
Davis Besse	J09	MkB8B	BW 15x15	3.77	0			16998	0.620	0.944	1.067	1.102	1.110	1.109	1.105	1.101	1.097	1.094	1.090	1.086	1.079	1.067	1.036	0.955	0.783	0.555
Davis Besse	G01	MkB5A	BW 15x15	3.13	15	1.23	B4C	17042	0.681	0.943	1.055	1.092	1.101	1.100	1.096	1.091	1.087	1.083	1.078	1.072	1.066	1.055	1.032	0.973	0.831	0.564
Davis Besse	F01		BW 15x15	3.19	15	0.7	B4C	17105	0.660	0.931	1.043	1.081	1.091	1.089	1.082	1.076	1.074	1.075	1.078	1.083	1.084	1.077	1.055	0.996	0.853	0.574
Davis Besse	F08		BW 15x15	3.19	15	0.7	B4C	17152	0.669	0.945	1.061	1.099	1.106	1.090	1.059	1.040	1.032	1.037	1.057	1.080	1.090	1.087	1.086	1.010	0.875	0.597
Davis Besse	G06	MkB5A	BW 15x15	3.13	15	1.23	B4C	17208	0.684	0.951	1.065	1.102	1.109	1.102	1.090	1.082	1.077	1.072	1.066	1.063	1.057	1.049	1.029	0.974	0.842	0.584
Davis Besse	E41		BW 15x15	2.99	0			17239	0.574	0.901	1.040	1.090	1.110	1.120	1.124	1.124	1.119	1.112	1.104	1.097	1.090	1.078	1.049	0.976	0.803	0.489
Davis Besse	H06	MkB8A	BW 15x15	3.38	15	0.97	B4C	17288	0.674	0.945	1.062	1.101	1.110	1.106	1.100	1.095	1.090	1.084	1.076	1.067	1.058	1.046	1.023	0.984	0.829	0.568
Davis Besse	E07		BW 15x15	2.99	0			17366	0.598	0.922	1.050	1.089	1.103	1.106	1.106	1.104	1.097	1.088	1.080	1.075	1.072	1.066	1.049	0.996	0.851	0.545
Davis Besse	I05	MkB8A	BW 15x15	3.69	15		B4C	17552	0.627	0.920	1.041	1.079	1.089	1.090	1.088	1.085	1.082	1.081	1.081	1.081	1.080	1.074	1.055	1.004	0.870	0.573
Davis Besse	E43		BW 15x15	2.99	0			17557	0.575	0.904	1.045	1.094	1.112	1.118	1.119	1.116	1.110	1.103	1.096	1.090	1.082	1.070	1.042	0.978	0.828	0.522
Davis Besse	E06		BW 15x15	2.99	0			17872	0.606	0.935	1.063	1.101	1.112	1.113	1.112	1.108	1.102	1.096	1.091	1.088	1.084	1.077	1.058	0.987	0.810	0.449
Davis Besse	H02	MkB8A	BW 15x15	3.38	15	1.23	B4C	17958	0.688	0.944	1.049	1.081	1.089	1.090	1.090	1.089	1.086	1.081	1.074	1.065	1.057	1.046	1.026	0.979	0.850	0.607
Davis Besse	H03	MkB8A	BW 15x15	3.38	15	1.5	B4C	17973	0.700	0.954	1.062	1.096	1.107	1.106	1.101	1.096	1.093	1.086	1.077	1.066	1.055	1.043	1.019	0.957	0.815	0.562
Davis Besse	H07	MkB8A	BW 15x15	3.38	15	1.23	B4C	17987	0.682	0.958	1.072	1.109	1.118	1.114	1.105	1.099	1.093	1.085	1.076	1.066	1.055	1.042	1.017	0.951	0.804	0.544
Davis Besse	D31		BW 15x15	3.04	0			18059	0.607	0.930	1.055	1.090	1.095	1.089	1.083	1.080	1.079	1.082	1.086	1.086	1.083	1.075	1.055	1.003	0.862	0.560
Davis Besse	H01	MkB8A	BW 15x15	3.38	15	1.23	B4C	18133	0.678	0.943	1.058	1.087	1.108	1.110	1.111	1.109	1.104	1.097	1.087	1.075	1.063	1.048	1.018	0.951	0.802	0.541
Davis Besse	H05	MkB8A	BW 15x15	3.38	15	1.5	B4C	18294	0.703	0.956	1.062	1.096	1.105	1.102	1.096	1.091	1.086	1.079	1.070	1.059	1.049	1.037	1.016	0.962	0.837	0.564
Davis Besse	D06		BW 15x15	3.04	0			18343	0.612	0.942	1.070	1.107	1.115	1.109	1.089	1.068	1.056	1.049	1.052	1.066	1.076	1.075	1.060	1.012	0.874	0.568
Davis Besse	C08		BW 15x15	2.96	0			18379	0.580	0.919	1.066	1.113	1.123	1.120	1.115	1.109	1.106	1.104	1.102	1.101	1.087	1.069	1.064	0.991	0.786	0.416
Davis Besse	E04		BW 15x15	2.99	0			18561	0.586	0.919	1.059	1.106	1.119	1.119	1.114	1.106	1.103	1.099	1.095	1.091	1.083	1.069	1.040	0.972	0.812	0.506
Davis Besse	J05	MkB8B	BW 15x15	3.77	15		B4C	18605	0.640	0.934	1.050	1.084	1.092	1.092	1.090	1.087	1.084	1.081	1.078	1.074	1.068	1.058	1.035	0.978	0.844	0.530
Davis Besse	C05		BW 15x15	2.96	0			18818	0.591	0.923	1.060	1.101	1.107	1.097	1.086	1.079	1.076	1.076	1.083	1.087	1.087	1.082	1.083	1.005	0.854	0.542
Davis Besse	E02		BW 15x15	2.99	0			18884	0.588	0.916	1.054	1.104	1.126	1.140	1.147	1.145	1.137	1.123	1.106	1.092	1.079	1.063	1.033	0.959	0.767	0.421
Davis Besse	E03		BW 15x15	2.99	0			18921	0.602	0.933	1.067	1.108	1.117	1.115	1.111	1.108	1.106	1.106	1.104	1.100	1.092	1.078	1.050	0.978	0.787	0.437
Davis Besse	E05		BW 15x15	2.99	0			18942	0.611	0.934	1.059	1.094	1.097	1.087	1.077	1.074	1.074	1.080	1.089	1.092	1.088	1.079	1.056	1.000	0.856	0.553
Davis Besse	C09		BW 15x15	2.96	0			19583	0.574	0.896	1.032	1.081	1.105	1.118	1.123	1.120	1.107	1.091	1.078	1.071	1.069	1.066	1.053	1.004	0.860	0.552
Davis Besse	I07	MkB8A	BW 15x15	3.69	15	0.97	B4C	19731	0.663	0.935	1.052	1.091	1.101	1.099	1.091	1.082	1.076	1.073	1.071	1.070	1.067	1.060	1.041	0.988	0.856	0.586
Davis Besse	E46		BW 15x15	2.99	0			19871	0.589	0.914	1.048	1.092	1.104	1.103	1.098	1.091	1.088	1.088	1.090	1.092	1.090	1.081	1.056	0.994	0.844	0.540
Davis Besse	D01		BW 15x15	3.04	0			19882	0.616	0.939	1.062	1.096	1.108	1.106	1.107	1.103	1.097	1.090	1.084	1.079	1.077	1.072	1.058	1.004	0.830	0.474
Davis Besse	C06		BW 15x15	2.96	0			19943	0.559	0.895	1.046	1.099	1.111	1.106	1.101	1.097	1.097	1.099	1.102	1.103	1.099	1.089	1.061	0.991	0.828	0.515
Davis Besse	D02		BW 15x15	3.04	0			19959	0.611	0.931	1.052	1.086	1.098	1.099	1.098	1.095	1.089	1.082	1.076	1.071	1.068	1.064	1.050	1.004	0.866	0.562
Davis Besse	D07		BW 15x15	3.04	0			20134	0.614	0.938	1.061	1.095	1.103	1.102	1.095	1.087	1.078	1.071	1.068	1.068	1.069	1.066	1.051	1.004	0.866	0.564
Davis Besse	D04		BW 15x15	3.04	0			20157	0.616	0.945	1.075	1.113	1.121	1.114	1.095	1.074	1.061	1.054	1.056	1.068	1.075	1.072	1.054	1.001	0.856	0.551
Davis Besse	A14		BW 15x15	1.96	0			20234	0.572	0.867	1.025	1.073	1.086	1.088	1.090	1.095	1.104	1.113	1.120	1.124	1.123	1.114	1.086	1.008	0.816	0.477
Davis Besse	I08	MkB8A	BW 15x15	3.69	15	1.5	B4C	20244	0.680	0.940	1.056	1.096	1.108	1.104	1.095	1.086	1.079	1.075	1.073	1.072	1.068	1.060	1.036	0.976	0.829	0.567
Davis Besse	I02	MkB8A	BW 15x15	3.69	15	1.76	B4C	20306	0.681	0.933	1.046	1.085	1.095	1.095	1.092	1.087	1.083	1.081	1.079	1.078	1.075	1.066	1.042	0.978	0.830	0.573
Davis Besse	E05		BW 15x15	2.99	0			20667	0.605	0.924	1.052	1.093	1.109	1.113	1.112	1.108	1.100	1.092	1.085	1.080	1.073	1.062	1.036	0.981	0.836	0.537
Davis Besse	I01	MkB8A	BW 15x15	3.69	15	1.76	B4C	20679	0.693	0.937	1.044	1.080	1.090	1.090	1.086	1.081	1.078	1.076	1.075	1.074	1.072	1.064	1.042	0.963	0.843	0.562
Davis Besse	I04	MkB8A	BW 15x15	3.69	15	1.5	B4C	20758	0.688	0.943	1.054	1.091	1.101	1.099	1.092	1.083	1.077	1.074	1.072	1.071	1.067	1.059	1.038	0.979	0.836	0.578
Davis Besse	I03	MkB8A	BW 15x15	3.69	15	1.5	B4C	20799	0.680	0.931	1.037	1.072	1.081	1.082	1.079	1.076	1.073	1.072	1.072	1.071	1.069	1.063	1.045	0.996	0.877	0.622
Davis Besse	C03		BW 15x15	2.96	0			20870	0.592	0.920	1.054	1.095	1.102	1.094	1.085	1.080	1.077	1.079	1.083	1.087	1.087	1.084	1.066	1.010	0.859	0.547
Davis Besse	A11		BW 15x15	1.96	0			20921	0.565	0.904	1.056	1.105	1.109	1.097	1.085	1.082	1.088	1.101	1.114	1.121	1.121	1.112	1.083	1.006	0.808	0.444
Davis Besse	I06	MkB8A	BW 15x15	3.69	15	1.23	B4C	20926	0.683	0.941	1.051	1.087	1.097	1.095	1.087	1.078	1.072	1.069	1.067	1.065	1.062	1.055	1.037	0.987	0.862	0.604
Davis Besse	A06		BW 15x15	1.96	0			20974	0.586	0.924	1.071	1.119	1.126	1.112	1.054	1.009	1.010	1.023	1.042	1.113	1.139	1.134	1.104	1.031	0.863	0.542
Davis Besse	J07	MkB8B	BW 15x15	3.77	15	1.5	B4C	20995	0.688	0.949	1.060	1.095	1.102	1.098	1.089	1.081	1.078	1.072	1.067	1.062	1.056	1.045	1.022	0.960	0.827	0.551
Davis Besse	A01		BW 15x15	1.96	0			21008	0.558	0.883	1.029	1.060	1.096	1.098	1.086	1.095	1.097	1.101	1.105	1.109	1.110	1.102	1.075	1.005	0.840	0.522
Davis Besse	A10		BW 15x15	1.96	0			21034	0.577	0.911	1.053	1.095	1.097	1.086	1.075	1.073	1.080	1.092	1.105	1.114	1.116	1.112	1.082	1.025	0.832	0.464
Davis Besse	A02		BW 15x15	1.96	0			21266	0.551	0.876	1.024	1.079	1.097	1.096	1.095	1.097	1.102	1.111	1.121	1.125	1.121	1.108	1.075	0.986	0.819	0.506
Davis Besse	A07		BW 15x15	1.96	0			21474	0.577	0.891	1.026	1.070	1.081	1.083	1.084	1.090	1.099	1.109	1.117	1.120	1.119	1.110	1.084	1.012	0.830	0.497
Davis Besse	A08		BW 15x15	1.96	0			21481	0.592	0.935	1.082	1.114	1.082	1.006	0.973	0.987	1.001	1.071	1.121	1.143	1.147	1.142	1.121	1.058	0.897	0.569
Davis Besse	C02		BW 15x15	2.96	0			21539	0.582	0.908	1.041	1.088	1.106	1.114	1.115	1.112	1.104	1.093	1.085	1.081	1.077	1.072	1.054	0.995	0.841	0.533
Davis Besse	D05		BW 15x15	3.04	0			21637	0.611	0.939	1.069	1.108	1.117	1.113	1.103	1.090	1.079	1.071	1.069	1.070	1.070	1.065	1.047	0.993	0.846	0.540
Davis Besse	A05		BW 15x15	1.96	0			21646	0.566	0.894	1.038	1.085	1.094	1.086	1.073	1.066	1.071	1.083	1.096	1.114	1.121	1.114	1.087	1.017	0.854	0.538
Davis Besse	F04		BW 15x15	3.19	15	0.97	B4C	21855	0.652	0.929	1.045	1.083	1.093	1.085	1.066	1.054	1.051	1.054	1.067	1.082	1.086	1.084	1.065	1.014	0.883	0.605
Davis Besse	J03	MkB8B	BW 15x15	3.77	15	1.5	B4C	22033	0.686	0.946	1.048	1.078	1.084	1.083	1.079	1.075	1.072	1.068	1.065	1.062	1.057	1.048	1.027	0.974	0.854	0.585
Davis Besse	F06		BW 15x15	3.19	15	0.7	B4C	22056	0.646	0.933	1.056	1.096	1.107	1.097	1.075	1.061	1.056	1.058	1.071	1.087	1.093	1.087	1.083	1.000	0.850	0.561
Davis Besse	F05		BW 15x15	3.19	15	0.44	B4C	22073	0.622	0.916	1.040	1.080	1.092	1.093	1.091	1.089	1.088	1.086	1.088	1.088	1.086	1.079	1.056	0.998	0.850	0.558
Davis Besse	A04		BW 15x15	1.96	0			22123	0.558	0.879	1.021	1.073	1.092	1.097	1.100	1.102	1.106	1.110	1.114	1.115	1.113	1.102	1.073	0.999	0.830	0.515
Davis Besse	J02	MkB8B	BW 15x15	3.77	15	1.5	B4C	22162	0.689	0.949	1.059	1.093	1.101	1.099	1.095	1.091	1.087	1.082	1.078	1.072	1.065	1.052	1.023	0.950	0.798	0.615
Davis Besse	J08	MkB8B	BW 15x15	3.77	15	1.5	B4C	22173	0.700	0.962	1.072	1.106	1.112	1.107	1.096	1.087	1.080	1.075	1.070	1.064	1.057	1.045	1.018	0.945	0.793	0.612
Davis Besse	H09	MkB8A	BW 15x15	3.38	15		B4C	22315	0.616	0.917	1.039	1.077	1.089	1.092	1.093	1.093	1.093	1.092	1.090	1.088	1.085	1.077	1.056	0.999	0.853	0.550

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Davis Besse	E01		BW 15x15	2.99	0			22474	0.627	0.938	1.051	1.080	1.086	1.084	1.080	1.076	1.072	1.070	1.071	1.072	1.072	1.068	1.055	1.014	0.889	0.598
Davis Besse	J08	MkB8B	BW 15x15	3.77	15	2.02	B4C	22488	0.711	0.956	1.060	1.092	1.099	1.095	1.084	1.075	1.069	1.065	1.061	1.056	1.050	1.041	1.019	0.959	0.834	0.673
Davis Besse	G06	MkB5A	BW 15x15	3.13	15	1.23	B4C	22551	0.658	0.932	1.048	1.085	1.095	1.092	1.086	1.082	1.080	1.078	1.075	1.072	1.068	1.062	1.043	0.991	0.860	0.591
Davis Besse	J04	MkB8B	BW 15x15	3.77	15	2.02	B4C	22565	0.709	0.956	1.064	1.098	1.105	1.101	1.091	1.083	1.078	1.074	1.068	1.064	1.058	1.046	1.021	0.949	0.801	0.632
Davis Besse	J01	MkB8B	BW 15x15	3.77	15	1.5	B4C	22617	0.697	0.952	1.058	1.088	1.095	1.094	1.089	1.085	1.081	1.077	1.073	1.069	1.063	1.052	1.028	0.957	0.812	0.634
Davis Besse	A15		BW 15x15	1.98	0			22756	0.574	0.882	1.015	1.060	1.073	1.075	1.077	1.084	1.094	1.107	1.118	1.124	1.125	1.117	1.091	1.021	0.846	0.516
Davis Besse	G03	MkB5A	BW 15x15	3.13	15	1.23	B4C	22762	0.654	0.927	1.041	1.078	1.089	1.090	1.089	1.087	1.085	1.083	1.080	1.077	1.072	1.064	1.043	0.990	0.860	0.589
Davis Besse	C07		BW 15x15	2.96	15	1.11	B4C	22799	0.597	0.924	1.060	1.100	1.099	1.079	1.061	1.055	1.057	1.069	1.087	1.097	1.101	1.096	1.080	1.022	0.866	0.550
Davis Besse	B09		BW 15x15	2.63	15	0.96	B4C	23213	0.620	0.958	1.100	1.135	1.110	1.006	0.949	0.943	0.961	1.016	1.107	1.142	1.149	1.145	1.123	1.060	0.899	0.577
Davis Besse	C04		BW 15x15	2.96	0			23306	0.587	0.918	1.060	1.105	1.109	1.091	1.075	1.068	1.070	1.081	1.097	1.106	1.108	1.096	1.073	1.004	0.832	0.517
Davis Besse	F10		BW 15x15	3.19	15	0.7	B4C	23352	0.647	0.930	1.049	1.088	1.098	1.090	1.072	1.060	1.055	1.058	1.070	1.084	1.090	1.085	1.064	1.006	0.888	0.562
Davis Besse	C10		BW 15x15	2.96	0			23384	0.576	0.907	1.052	1.102	1.118	1.119	1.116	1.113	1.109	1.106	1.104	1.101	1.096	1.084	1.055	0.983	0.801	0.458
Davis Besse	A16		BW 15x15	1.98	0			23625	0.576	0.888	1.022	1.067	1.080	1.081	1.083	1.088	1.097	1.107	1.115	1.118	1.117	1.109	1.084	1.016	0.841	0.512
Davis Besse	B08		BW 15x15	2.63	15	1.11	B4C	23725	0.593	0.921	1.063	1.103	1.094	1.065	1.043	1.038	1.050	1.074	1.100	1.114	1.116	1.109	1.084	1.019	0.862	0.550
Davis Besse	G02	MkB5A	BW 15x15	3.13	15	1.23	B4C	23997	0.643	0.922	1.041	1.080	1.092	1.094	1.093	1.092	1.090	1.088	1.086	1.082	1.077	1.068	1.045	0.990	0.850	0.589
Davis Besse	F06		BW 15x15	3.19	15	0.7	B4C	24013	0.646	0.928	1.045	1.083	1.093	1.087	1.089	1.058	1.054	1.057	1.069	1.082	1.088	1.083	1.064	1.013	0.882	0.599
Davis Besse	B06		BW 15x15	2.63	15	1.28	B4C	24035	0.587	0.907	1.044	1.090	1.103	1.104	1.102	1.099	1.096	1.093	1.092	1.091	1.090	1.084	1.062	0.998	0.835	0.524
Davis Besse	B07		BW 15x15	2.63	15	0.96	B4C	24129	0.584	0.912	1.057	1.099	1.094	1.071	1.054	1.051	1.064	1.087	1.109	1.120	1.122	1.113	1.084	1.011	0.841	0.526
Davis Besse	G04	MkB5A	BW 15x15	3.13	15	1.23	B4C	24277	0.653	0.930	1.046	1.085	1.095	1.094	1.090	1.086	1.085	1.082	1.080	1.077	1.072	1.065	1.045	0.991	0.852	0.572
Davis Besse	B10		BW 15x15	2.63	15	1.28	B4C	24418	0.592	0.915	1.053	1.097	1.101	1.086	1.073	1.068	1.072	1.084	1.099	1.108	1.109	1.101	1.076	1.007	0.838	0.525
Davis Besse	B04		BW 15x15	2.63	15	1.28	B4C	24478	0.574	0.896	1.040	1.091	1.104	1.104	1.100	1.099	1.100	1.102	1.105	1.106	1.104	1.094	1.065	0.991	0.818	0.507
Davis Besse	F07		BW 15x15	3.19	15	0.44	B4C	24479	0.636	0.929	1.051	1.090	1.100	1.093	1.076	1.065	1.061	1.062	1.072	1.083	1.086	1.081	1.060	1.006	0.870	0.580
Davis Besse	G11	MkB5A	BW 15x15	3.13	15	0.44	B4C	24604	0.634	0.928	1.049	1.088	1.096	1.097	1.092	1.089	1.087	1.084	1.081	1.077	1.072	1.064	1.044	0.991	0.855	0.569
Davis Besse	F08		BW 15x15	3.19	15	0.18	B4C	24657	0.617	0.919	1.045	1.087	1.100	1.100	1.097	1.094	1.091	1.090	1.089	1.087	1.083	1.075	1.051	0.990	0.841	0.544
Davis Besse	B05		BW 15x15	2.63	15	1.11	B4C	24736	0.600	0.924	1.059	1.095	1.084	1.055	1.034	1.030	1.042	1.068	1.096	1.111	1.116	1.111	1.091	1.032	0.861	0.570
Davis Besse	B01		BW 15x15	2.63	0			24916	0.555	0.869	1.012	1.073	1.110	1.134	1.146	1.146	1.134	1.115	1.099	1.089	1.083	1.075	1.051	0.965	0.614	0.512
Davis Besse	C01		BW 15x15	2.96	0			25145	0.602	0.921	1.055	1.098	1.107	1.103	1.097	1.094	1.093	1.095	1.097	1.099	1.097	1.089	1.068	0.995	0.807	0.486
Davis Besse	B03		BW 15x15	2.63	15	1.11	B4C	25323	0.591	0.911	1.049	1.092	1.100	1.095	1.088	1.085	1.086	1.091	1.096	1.099	1.099	1.091	1.057	0.999	0.835	0.525
Davis Besse	B02		BW 15x15	2.63	15	1.11	B4C	25328	0.587	0.903	1.037	1.080	1.088	1.084	1.079	1.078	1.080	1.085	1.090	1.095	1.096	1.083	1.074	1.018	0.870	0.564
Davis Besse	H03	MkB8A	BW 15x15	3.38	15	1.5	B4C	25892	0.667	0.934	1.043	1.079	1.089	1.090	1.088	1.087	1.085	1.083	1.079	1.074	1.069	1.061	1.043	0.990	0.856	0.588
Davis Besse	D03		BW 15x15	3.04	0			26324	0.617	0.934	1.057	1.092	1.096	1.087	1.078	1.072	1.069	1.071	1.079	1.082	1.080	1.074	1.056	1.007	0.873	0.575
Davis Besse	H06	MkB8A	BW 15x15	3.38	15	0.97	B4C	26491	0.650	0.929	1.044	1.080	1.091	1.091	1.088	1.085	1.083	1.080	1.078	1.075	1.071	1.064	1.045	0.994	0.863	0.589
Davis Besse	G09	MkB5A	BW 15x15	3.13	15	0.18	B4C	26797	0.635	0.928	1.039	1.071	1.081	1.084	1.086	1.086	1.086	1.084	1.081	1.077	1.073	1.066	1.050	1.006	0.879	0.589
Davis Besse	D08		BW 15x15	3.04	0			27441	0.631	0.945	1.062	1.094	1.097	1.088	1.089	1.057	1.052	1.054	1.065	1.077	1.083	1.080	1.066	1.018	0.883	0.583
Davis Besse	C05		BW 15x15	2.96	0			27749	0.608	0.928	1.068	1.095	1.103	1.096	1.091	1.085	1.081	1.080	1.081	1.082	1.081	1.074	1.055	0.999	0.854	0.550
Davis Besse	G10	MkB5A	BW 15x15	3.13	15	0.18	B4C	27850	0.641	0.935	1.046	1.080	1.091	1.094	1.096	1.097	1.095	1.092	1.086	1.079	1.072	1.062	1.042	0.988	0.847	0.558
Davis Besse	G08	MkB5A	BW 15x15	3.13	15	0.97	B4C	28049	0.648	0.934	1.051	1.089	1.099	1.096	1.093	1.090	1.087	1.084	1.080	1.075	1.070	1.061	1.041	0.985	0.847	0.567
Davis Besse	C08		BW 15x15	2.96	0			28237	0.611	0.926	1.051	1.088	1.097	1.098	1.096	1.094	1.092	1.089	1.087	1.085	1.083	1.078	1.062	1.009	0.844	0.507
Davis Besse	G05	MkB5A	BW 15x15	3.13	15	0.18	B4C	28283	0.633	0.931	1.050	1.088	1.099	1.100	1.096	1.096	1.093	1.089	1.084	1.078	1.071	1.061	1.038	0.983	0.846	0.560
Davis Besse	H11	MkB8A	BW 15x15	3.38	15	0.18	B4C	28608	0.626	0.920	1.037	1.074	1.086	1.088	1.088	1.087	1.086	1.085	1.083	1.081	1.078	1.070	1.051	1.001	0.871	0.585
Davis Besse	C06		BW 15x15	2.96	0			28695	0.596	0.917	1.051	1.095	1.106	1.102	1.091	1.080	1.076	1.075	1.079	1.087	1.090	1.083	1.061	1.002	0.856	0.554
Davis Besse	I03	MkB8A	BW 15x15	3.69	15	1.5	B4C	28772	0.663	0.926	1.032	1.066	1.076	1.077	1.076	1.075	1.075	1.074	1.075	1.075	1.074	1.069	1.053	1.008	0.886	0.620
Davis Besse	E48		BW 15x15	2.99	0			28843	0.609	0.924	1.052	1.095	1.107	1.109	1.106	1.104	1.101	1.096	1.095	1.092	1.086	1.076	1.052	0.991	0.827	0.475
Davis Besse	C09		BW 15x15	2.96	0			29298	0.612	0.924	1.045	1.084	1.099	1.103	1.098	1.087	1.076	1.066	1.062	1.066	1.071	1.071	1.059	1.014	0.881	0.562
Davis Besse	D04		BW 15x15	3.04	0			29364	0.633	0.944	1.061	1.093	1.096	1.088	1.073	1.061	1.055	1.056	1.065	1.075	1.079	1.076	1.061	1.015	0.883	0.587
Davis Besse	F03		BW 15x15	3.19	15	0.7	B4C	29416	0.645	0.929	1.042	1.079	1.090	1.090	1.087	1.084	1.083	1.081	1.080	1.079	1.077	1.070	1.050	0.996	0.859	0.576
Davis Besse	F02		BW 15x15	3.19	15	0.97	B4C	29428	0.646	0.928	1.043	1.080	1.090	1.090	1.088	1.083	1.081	1.080	1.081	1.081	1.079	1.071	1.050	0.994	0.858	0.579
Davis Besse	D02		BW 15x15	3.04	0			29432	0.629	0.935	1.047	1.075	1.082	1.082	1.081	1.079	1.076	1.074	1.073	1.072	1.071	1.069	1.057	1.016	0.888	0.593
Davis Besse	D07		BW 15x15	3.04	0			29549	0.628	0.933	1.047	1.080	1.090	1.093	1.092	1.088	1.084	1.079	1.075	1.073	1.071	1.066	1.051	1.005	0.872	0.578
Davis Besse	E47		BW 15x15	2.99	0			29563	0.613	0.920	1.040	1.078	1.089	1.091	1.090	1.088	1.088	1.087	1.086	1.085	1.082	1.074	1.054	1.000	0.863	0.570
Davis Besse	E06		BW 15x15	2.99	0			29715	0.625	0.927	1.038	1.071	1.082	1.086	1.087	1.087	1.086	1.085	1.084	1.084	1.084	1.080	1.068	1.018	0.887	0.543
Davis Besse	C03		BW 15x15	2.96	0			29766	0.611	0.928	1.055	1.093	1.102	1.097	1.087	1.079	1.073	1.072	1.075	1.080	1.082	1.077	1.059	1.006	0.883	0.561
Davis Besse	D01		BW 15x15	3.04	0			30004	0.633	0.940	1.053	1.083	1.090	1.090	1.089	1.087	1.084	1.082	1.080	1.079	1.077	1.073	1.060	1.012	0.858	0.531
Davis Besse	D05		BW 15x15	3.04	0			30140	0.621	0.936	1.059	1.096	1.104	1.100	1.091	1.083	1.077	1.074	1.075	1.076	1.075	1.069	1.050	0.996	0.857	0.559
Davis Besse	E45		BW 15x15	2.99	0			30403	0.617	0.922	1.041	1.079	1.090	1.092	1.091	1.089	1.088	1.086	1.084	1.082	1.078	1.070	1.049	0.996	0.866	0.577
Davis Besse	I08	MkB8A	BW 15x15	3.69	15	1.23	B4C	30518	0.667	0.936	1.043	1.077	1.086	1.086	1.082	1.077	1.074	1.073	1.073	1.072	1.070	1.064	1.046	0.997	0.872	0.604
Davis Besse	F01		BW 15x15	3.19	15	0.7	B4C	30685	0.652	0.930	1.036	1.068	1.077	1.078	1.076	1.074	1.073	1.073	1.075	1.076	1.076	1.072	1.056	1.012	0.888	0.610
Davis Besse	C02		BW 15x15	2.96	0			30699	0.608	0.923	1.050	1.092	1.108	1.113	1.111	1.105	1.096	1.087	1.082	1.080	1.079	1.073	1.054	0.996	0.835	0.510
Davis Besse	H08	MkB8A	BW 15x15	3.38	15		B4C	30750	0.637	0.926	1.035	1.066	1.076	1.079	1.080	1.080	1.080	1.080	1.080	1.079	1.078	1.073	1.056	1.012	0.885	0.596
Davis Besse	G01	MkB5A	BW 15x15	3.13	15	1.23	B4C	30803	0.655	0.933	1.045	1.081	1.092	1.094	1.093	1.091	1.089	1.086	1.082	1.077	1.071	1.061	1.039	0.984	0.851	0.576
Davis Besse	B08		BW 15x15	2.63	15	1.11	B4C	30925	0.624	0.943	1.072	1.108	1.094	1.033	1.001	0.987	1.007	1.039	1.101	1.120	1.122	1.117	1.087	1.041	0.888	0.590
Davis Besse	E07		BW 15x15	2.99	0			31051	0.626	0.936	1.056	1.094	1.105	1.106	1.101	1.095	1.089	1.087	1.087	1.088	1.087	1.081	1.060	0.994	0.814	0.496
Davis Besse	E42		BW 15x15	2.99	0			31112	0.613	0.921	1.044	1.086	1.100	1.104	1.103	1.101	1.098	1.093	1.088	1.083	1.077	1.068	1.045	0.996	0.843	0.549
Davis Besse	D31		BW 15x15	3.04	0			31177	0.625	0.932	1.050	1.086	1.093	1.087	1.077	1.071	1.069	1.072	1.078	1.084	1.085	1.079	1.059	1.006	0.869	0.578
Davis Besse	B09		BW 15x15	2.63	15	0.96	B4C	31465	0.618	0.940	1.073	1.110	1.102	1.044	1.012	1.009	1.018	1.049	1.100	1.119	1.121	1.114	1.082	1.032	0.879	0.589
Davis Besse	E44		BW 15x15	2.99	0			31649	0.624	0.930	1.051	1.091	1.104	1.105	1.103	1.100	1.096	1.093	1.091	1.088	1.084	1.075	1.052	0.993	0.835	0.487
Davis Besse	E03		BW 15x15	2.99	0			31671	0.624	0.927	1.043	1.078	1.088	1.089	1.089	1.088	1.088	1.090	1.091	1.090	1.087	1.080	1.059	1.004	0.851	0.534

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Davis Besse	E43		BW 15x15	2.99	0			31773	0.631	0.942	1.065	1.106	1.117	1.106	1.087	1.081	1.077	1.073	1.068	1.064	1.060	1.056	1.049	0.994	0.856	0.566
Davis Besse	C04		BW 15x15	2.96	0			31854	0.614	0.928	1.053	1.090	1.095	1.084	1.071	1.064	1.063	1.059	1.060	1.069	1.063	1.069	1.071	1.017	0.868	0.564
Davis Besse	C07		BW 15x15	2.96	15	1.11	B4C	31899	0.621	0.930	1.050	1.083	1.086	1.075	1.064	1.060	1.060	1.067	1.078	1.085	1.086	1.086	1.073	1.026	0.886	0.562
Davis Besse	E49		BW 15x15	2.99	0			31964	0.621	0.928	1.049	1.089	1.101	1.101	1.096	1.091	1.088	1.084	1.081	1.079	1.075	1.067	1.045	0.990	0.852	0.563
Davis Besse	B07		BW 15x15	2.63	15	0.96	B4C	32115	0.606	0.919	1.048	1.085	1.084	1.071	1.060	1.059	1.067	1.082	1.096	1.104	1.105	1.100	1.079	1.018	0.863	0.555
Davis Besse	E41		BW 15x15	2.99	0			32327	0.623	0.925	1.043	1.082	1.095	1.099	1.099	1.098	1.095	1.091	1.086	1.081	1.076	1.068	1.046	0.988	0.847	0.558
Davis Besse	G10	MkB5A	BW 15x15	3.13	15	0.18	B4C	32440	0.636	0.928	1.038	1.071	1.082	1.086	1.088	1.089	1.089	1.087	1.084	1.080	1.076	1.069	1.051	1.001	0.867	0.576
Davis Besse	E05		BW 15x15	2.99	0			32713	0.627	0.932	1.049	1.088	1.100	1.103	1.102	1.096	1.095	1.091	1.090	1.089	1.086	1.078	1.055	0.992	0.819	0.507
Davis Besse	E04		BW 15x15	2.99	0			32982	0.622	0.929	1.051	1.090	1.100	1.097	1.089	1.082	1.078	1.078	1.081	1.085	1.084	1.076	1.052	0.994	0.852	0.559
Davis Besse	I09	MkB8A	BW 15x15	3.69	0			33107	0.640	0.934	1.039	1.067	1.075	1.077	1.077	1.076	1.076	1.076	1.077	1.078	1.077	1.073	1.059	1.014	0.886	0.598
Davis Besse	G05	MkB5A	BW 15x15	3.13	15	0.18	B4C	33277	0.631	0.925	1.042	1.079	1.090	1.092	1.091	1.090	1.089	1.087	1.084	1.081	1.076	1.068	1.047	0.994	0.860	0.574
Davis Besse	H02	MkB8A	BW 15x15	3.38	15	1.23	B4C	33293	0.662	0.936	1.042	1.075	1.085	1.086	1.085	1.082	1.080	1.078	1.075	1.072	1.069	1.061	1.043	0.995	0.870	0.603
Davis Besse	I08	MkB8A	BW 15x15	3.69	15	1.5	B4C	33477	0.665	0.937	1.047	1.081	1.091	1.091	1.087	1.082	1.079	1.077	1.076	1.075	1.072	1.065	1.045	0.991	0.854	0.586
Davis Besse	C01		BW 15x15	2.96	0			33518	0.621	0.927	1.047	1.084	1.093	1.092	1.088	1.084	1.082	1.083	1.084	1.086	1.087	1.083	1.066	1.008	0.848	0.537
Davis Besse	E06		BW 15x15	2.99	0			33611	0.638	0.940	1.054	1.088	1.093	1.083	1.068	1.058	1.056	1.061	1.074	1.085	1.088	1.083	1.083	1.010	0.875	0.584
Davis Besse	E02		BW 15x15	2.99	0			33633	0.625	0.926	1.044	1.084	1.099	1.104	1.103	1.099	1.095	1.090	1.087	1.084	1.080	1.071	1.049	0.991	0.839	0.530
Davis Besse	I10	MkB8A	BW 15x15	3.69	0			34199	0.648	0.956	1.070	1.104	1.112	1.112	1.108	1.105	1.102	1.099	1.097	1.095	1.091	1.081	1.056	0.974	0.743	0.447
Davis Besse	H07	MkB8A	BW 15x15	3.38	15	1.23	B4C	34308	0.669	0.951	1.063	1.096	1.106	1.107	1.103	1.098	1.095	1.091	1.088	1.084	1.078	1.069	1.047	0.977	0.785	0.489
Davis Besse	E46		BW 15x15	2.99	0			34413	0.629	0.930	1.046	1.083	1.094	1.093	1.088	1.084	1.082	1.081	1.081	1.080	1.078	1.071	1.050	0.996	0.862	0.575
Davis Besse	I05	MkB8A	BW 15x15	3.69	15		B4C	34645	0.646	0.939	1.049	1.082	1.091	1.091	1.088	1.084	1.082	1.080	1.079	1.077	1.074	1.067	1.046	0.992	0.856	0.575
Davis Besse	E09		BW 15x15	2.99	0			34935	0.631	0.928	1.041	1.078	1.090	1.092	1.089	1.085	1.080	1.078	1.078	1.079	1.077	1.071	1.051	1.001	0.869	0.583
Davis Besse	E01		BW 15x15	2.99	0			35218	0.643	0.937	1.043	1.073	1.081	1.082	1.081	1.079	1.078	1.076	1.080	1.082	1.083	1.080	1.066	1.016	0.862	0.556
Davis Besse	F03		BW 15x15	3.19	15	0.7	B4C	35286	0.642	0.926	1.039	1.075	1.087	1.088	1.087	1.085	1.084	1.084	1.083	1.082	1.079	1.072	1.052	0.996	0.860	0.576
Davis Besse	F12		BW 15x15	3.19	15	0.7	B4C	35755	0.667	0.945	1.059	1.087	1.106	1.102	1.091	1.083	1.079	1.079	1.083	1.089	1.088	1.080	1.056	0.990	0.816	0.500
Davis Besse	H11	MkB8A	BW 15x15	3.38	15	0.18	B4C	35910	0.632	0.921	1.033	1.068	1.079	1.082	1.083	1.083	1.083	1.082	1.082	1.081	1.079	1.072	1.055	1.008	0.862	0.587
Davis Besse	H05	MkB8A	BW 15x15	3.38	15	1.5	B4C	36204	0.673	0.943	1.049	1.082	1.091	1.091	1.087	1.083	1.080	1.076	1.073	1.069	1.064	1.056	1.037	0.986	0.861	0.600
Davis Besse	H01	MkB8A	BW 15x15	3.38	15	1.23	B4C	36241	0.665	0.936	1.041	1.073	1.083	1.086	1.086	1.085	1.083	1.081	1.078	1.074	1.070	1.062	1.042	0.992	0.866	0.598
Davis Besse	F11		BW 15x15	3.19	15	0.44	B4C	36365	0.644	0.928	1.036	1.069	1.078	1.080	1.080	1.080	1.080	1.079	1.079	1.078	1.076	1.070	1.053	1.007	0.862	0.602
Davis Besse	F05		BW 15x15	3.19	15	0.44	B4C	36582	0.645	0.928	1.037	1.070	1.079	1.082	1.082	1.082	1.081	1.080	1.080	1.078	1.076	1.069	1.052	1.004	0.878	0.598
Davis Besse	I01	MkB8A	BW 15x15	3.69	15	1.76	B4C	36742	0.671	0.937	1.042	1.075	1.084	1.085	1.083	1.081	1.079	1.078	1.077	1.076	1.073	1.066	1.046	0.992	0.859	0.598
Davis Besse	G01	MkB5A	BW 15x15	3.13	15	1.23	B4C	36901	0.648	0.927	1.036	1.074	1.086	1.088	1.088	1.088	1.087	1.085	1.083	1.080	1.077	1.069	1.048	0.994	0.859	0.581
Davis Besse	F04		BW 15x15	3.19	15	0.97	B4C	36902	0.658	0.935	1.044	1.079	1.089	1.087	1.078	1.072	1.069	1.069	1.073	1.077	1.077	1.070	1.050	1.000	0.873	0.601
Davis Besse	F08		BW 15x15	3.19	15	0.7	B4C	36945	0.663	0.946	1.056	1.091	1.101	1.096	1.089	1.082	1.079	1.079	1.083	1.087	1.086	1.079	1.056	0.993	0.824	0.507
Davis Besse	H06	MkB8A	BW 15x15	3.38	15		B4C	37614	0.640	0.928	1.035	1.067	1.077	1.080	1.080	1.081	1.081	1.081	1.082	1.082	1.080	1.075	1.058	1.008	0.875	0.589
Davis Besse	G07	MkB5A	BW 15x15	3.13	15	0.44	B4C	37880	0.638	0.925	1.038	1.074	1.084	1.085	1.083	1.081	1.080	1.080	1.079	1.078	1.075	1.070	1.053	1.005	0.877	0.596
Davis Besse	G06	MkB5A	BW 15x15	3.13	15	1.23	B4C	38377	0.656	0.928	1.033	1.065	1.074	1.075	1.073	1.072	1.072	1.072	1.073	1.073	1.072	1.069	1.055	1.014	0.897	0.627
Davis Besse	H02	MkB8A	BW 15x15	3.38	15	1.23	B4C	38568	0.659	0.933	1.039	1.071	1.081	1.083	1.082	1.081	1.080	1.078	1.077	1.075	1.072	1.065	1.047	0.999	0.873	0.604
Davis Besse	F10		BW 15x15	3.19	15	0.7	B4C	38623	0.663	0.942	1.049	1.083	1.093	1.089	1.078	1.071	1.068	1.067	1.071	1.075	1.074	1.068	1.048	0.997	0.869	0.595
Davis Besse	G11	MkB5A	BW 15x15	3.13	15	0.44	B4C	38734	0.641	0.924	1.031	1.063	1.072	1.074	1.073	1.073	1.073	1.074	1.075	1.075	1.075	1.072	1.060	1.020	0.902	0.623
Davis Besse	G12	MkB5A	BW 15x15	3.13	15	0.44	B4C	38743	0.651	0.933	1.036	1.066	1.075	1.076	1.074	1.074	1.074	1.074	1.073	1.072	1.071	1.067	1.054	1.014	0.897	0.619
Davis Besse	F09		BW 15x15	3.19	15	0.18	B4C	38866	0.654	0.945	1.058	1.094	1.105	1.100	1.081	1.076	1.074	1.072	1.070	1.067	1.062	1.057	1.048	0.995	0.862	0.580
Davis Besse	F07		BW 15x15	3.19	15	0.44	B4C	39143	0.656	0.936	1.045	1.079	1.088	1.086	1.077	1.072	1.069	1.069	1.072	1.075	1.075	1.069	1.051	1.002	0.877	0.601
Davis Besse	F06		BW 15x15	3.19	15	0.7	B4C	39177	0.661	0.937	1.042	1.075	1.085	1.082	1.074	1.069	1.066	1.066	1.070	1.074	1.074	1.068	1.050	1.005	0.885	0.616
Davis Besse	I07	MkB8A	BW 15x15	3.69	15	0.97	B4C	39298	0.668	0.945	1.052	1.085	1.093	1.093	1.087	1.082	1.078	1.076	1.074	1.072	1.068	1.060	1.040	0.986	0.853	0.586
Davis Besse	G13	MkB5A	BW 15x15	3.13	15	1.23	B4C	39516	0.659	0.933	1.040	1.074	1.084	1.085	1.083	1.079	1.077	1.076	1.075	1.073	1.071	1.065	1.047	0.999	0.875	0.606
Davis Besse	I02	MkB8A	BW 15x15	3.69	15	1.76	B4C	39540	0.677	0.942	1.043	1.074	1.082	1.083	1.081	1.079	1.077	1.075	1.074	1.073	1.070	1.064	1.044	0.993	0.865	0.605
Davis Besse	D06		BW 15x15	3.04	0			39591	0.662	0.964	1.076	1.109	1.113	1.090	1.023	1.001	0.991	0.986	1.035	1.083	1.100	1.101	1.088	1.040	0.910	0.618
Davis Besse	D03		BW 15x15	3.04	0			39603	0.639	0.934	1.045	1.079	1.085	1.079	1.070	1.064	1.062	1.065	1.073	1.080	1.082	1.077	1.061	1.014	0.886	0.603
Davis Besse	G03	MkB5A	BW 15x15	3.13	15	1.23	B4C	39637	0.658	0.930	1.035	1.068	1.079	1.080	1.079	1.078	1.077	1.076	1.075	1.074	1.072	1.066	1.049	1.004	0.884	0.617
Davis Besse	G04	MkB5A	BW 15x15	3.13	15	1.23	B4C	40132	0.667	0.946	1.054	1.090	1.100	1.099	1.088	1.071	1.064	1.063	1.062	1.061	1.059	1.054	1.043	1.002	0.877	0.603
Davis Besse	G02	MkB5A	BW 15x15	3.13	15	1.23	B4C	40267	0.660	0.936	1.045	1.080	1.091	1.093	1.092	1.090	1.089	1.088	1.088	1.086	1.084	1.077	1.057	0.996	0.823	0.525
Davis Besse	I04	MkB8A	BW 15x15	3.69	15	1.5	B4C	40272	0.694	0.966	1.070	1.102	1.110	1.107	1.079	1.066	1.061	1.059	1.057	1.055	1.051	1.046	1.039	0.988	0.855	0.598
Davis Besse	H05	MkB8A	BW 15x15	3.38	15	1.5	B4C	40707	0.669	0.938	1.042	1.075	1.084	1.085	1.082	1.080	1.078	1.076	1.074	1.071	1.067	1.060	1.043	0.995	0.872	0.608
Davis Besse	H09	MkB8A	BW 15x15	3.38	15		B4C	40824	0.655	0.937	1.042	1.073	1.083	1.084	1.083	1.082	1.080	1.079	1.078	1.076	1.073	1.067	1.048	0.998	0.869	0.594
Davis Besse	F02		BW 15x15	3.19	15	0.97	B4C	41554	0.653	0.929	1.033	1.065	1.074	1.075	1.074	1.074	1.074	1.074	1.075	1.076	1.075	1.071	1.056	1.012	0.882	0.618
Davis Besse	G09	MkB5A	BW 15x15	3.13	15	0.18	B4C	42116	0.653	0.931	1.034	1.065	1.075	1.078	1.078	1.078	1.077	1.076	1.076	1.074	1.072	1.067	1.052	1.008	0.889	0.613
Davis Besse	H03	MkB8A	BW 15x15	3.38	15	1.5	B4C	44023	0.676	0.943	1.044	1.074	1.083	1.084	1.082	1.080	1.079	1.077	1.075	1.072	1.068	1.061	1.043	0.992	0.864	0.602
Davis Besse	H08	MkB8A	BW 15x15	3.38	15	0.97	B4C	44081	0.674	0.949	1.053	1.085	1.095	1.095	1.083	1.081	1.080	1.080	1.080	1.084	1.081	1.073	1.053	0.987	0.800	0.524
Davis Besse	H04	MkB8A	BW 15x15	3.38	15	0.18	B4C	44307	0.652	0.931	1.033	1.064	1.073	1.076	1.076	1.076	1.076	1.076	1.075	1.075	1.073	1.068	1.052	1.011	0.893	0.620
Davis Besse	H10	MkB8A	BW 15x15	3.38	15	0.97	B4C	44406	0.670	0.943	1.047	1.079	1.088	1.087	1.083	1.079	1.077	1.075	1.074	1.071	1.066	1.061	1.042	0.991	0.864	0.601

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/MT)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Haddam Neck	F01	W Zr	HN 15x15	4.60				10262	0.535	0.883	1.038	1.100	1.119	1.122	1.119	1.116	1.112	1.108	1.105	1.101	1.095	1.083	1.055	0.965	0.827	0.500
Haddam Neck	F02	W Zr	HN 15x15	4.60				12278	0.537	0.888	1.045	1.106	1.124	1.126	1.123	1.118	1.113	1.108	1.103	1.096	1.092	1.078	1.049	0.978	0.820	0.493
Haddam Neck	F03	W Zr	HN 15x15	4.60				13538	0.549	0.897	1.047	1.103	1.118	1.119	1.115	1.111	1.106	1.102	1.096	1.094	1.088	1.077	1.051	0.985	0.833	0.508
Haddam Neck	G01	W Zr	HN 15x15	4.20				15565	0.556	0.905	1.051	1.106	1.121	1.122	1.118	1.113	1.107	1.102	1.097	1.091	1.084	1.071	1.044	0.978	0.828	0.506
Haddam Neck	H01	W Zr	HN 15x15	4.20				17386	0.621	0.932	1.044	1.075	1.077	1.074	1.071	1.068	1.067	1.066	1.067	1.068	1.071	1.073	1.068	1.032	0.915	0.612
Haddam Neck	N01	W Zr	HN 15x15	4.20				19268	0.606	0.928	1.046	1.089	1.100	1.100	1.096	1.092	1.089	1.085	1.083	1.080	1.075	1.067	1.046	0.992	0.883	0.563
Haddam Neck	H03	W Zr	HN 15x15	4.20				20164	0.618	0.934	1.055	1.094	1.102	1.100	1.096	1.091	1.086	1.082	1.078	1.074	1.069	1.061	1.042	0.990	0.882	0.566
Haddam Neck	H04	W Zr	HN 15x15	4.20				20280	0.620	0.936	1.055	1.093	1.099	1.097	1.092	1.087	1.083	1.079	1.075	1.072	1.068	1.062	1.045	0.996	0.889	0.574
Haddam Neck	H02	W Zr	HN 15x15	4.20				20494	0.610	0.930	1.057	1.101	1.111	1.109	1.104	1.098	1.093	1.087	1.082	1.076	1.070	1.059	1.036	0.979	0.845	0.552
Haddam Neck	K03	W Zr	HN 15x15	4.20				23039	0.636	0.934	1.053	1.095	1.104	1.103	1.098	1.092	1.087	1.082	1.078	1.073	1.068	1.057	1.034	0.978	0.850	0.576
Haddam Neck	P02	W Zr	HN 15x15	3.80				23220	0.652	0.937	1.048	1.086	1.094	1.093	1.089	1.085	1.081	1.077	1.074	1.071	1.067	1.058	1.038	0.987	0.885	0.600
Haddam Neck	P01	W Zr	HN 15x15	3.80				23305	0.653	0.939	1.050	1.088	1.096	1.094	1.090	1.085	1.081	1.077	1.074	1.070	1.066	1.057	1.037	0.985	0.882	0.597
Haddam Neck	K01	W Zr	HN 15x15	4.20				23565	0.642	0.937	1.052	1.091	1.100	1.099	1.094	1.089	1.085	1.080	1.076	1.072	1.067	1.057	1.035	0.982	0.857	0.584
Haddam Neck	K02	W Zr	HN 15x15	4.20				23911	0.654	0.944	1.050	1.085	1.091	1.088	1.084	1.080	1.076	1.073	1.070	1.068	1.064	1.058	1.041	0.994	0.876	0.604
Haddam Neck	M01	W Zr	HN 15x15	4.20				24051	0.635	0.941	1.056	1.094	1.102	1.100	1.095	1.090	1.085	1.080	1.076	1.072	1.066	1.057	1.036	0.983	0.858	0.576
Haddam Neck	E03	W Zr	HN 15x15	3.90				24905	0.565	0.904	1.043	1.087	1.113	1.115	1.112	1.108	1.104	1.100	1.096	1.091	1.085	1.074	1.047	0.984	0.840	0.522
Haddam Neck	E05	W Zr	HN 15x15	3.90				26719	0.586	0.908	1.045	1.088	1.113	1.115	1.112	1.107	1.103	1.099	1.095	1.091	1.085	1.074	1.048	0.984	0.839	0.520
Haddam Neck	E06	W Zr	HN 15x15	3.90				27866	0.575	0.913	1.047	1.096	1.109	1.110	1.107	1.103	1.099	1.096	1.092	1.089	1.084	1.075	1.051	0.989	0.844	0.521
Haddam Neck	E01	W Zr	HN 15x15	3.90				28678	0.595	0.923	1.043	1.085	1.094	1.096	1.092	1.090	1.087	1.085	1.084	1.082	1.080	1.075	1.057	1.005	0.874	0.554
Haddam Neck	E02	W Zr	HN 15x15	3.90				30333	0.595	0.923	1.043	1.085	1.095	1.095	1.092	1.089	1.086	1.084	1.082	1.080	1.078	1.072	1.055	1.005	0.878	0.564
Haddam Neck	D03	BW Zr	HN 15x15	3.80				30657	0.586	0.926	1.044	1.084	1.092	1.091	1.088	1.085	1.083	1.081	1.080	1.079	1.077	1.073	1.058	1.010	0.883	0.567
Haddam Neck	D02	BW Zr	HN 15x15	3.80				31056	0.594	0.924	1.048	1.092	1.103	1.104	1.101	1.097	1.093	1.090	1.086	1.083	1.078	1.069	1.047	0.992	0.857	0.541
Haddam Neck	D01	BW Zr	HN 15x15	3.80				31281	0.589	0.927	1.045	1.085	1.093	1.092	1.090	1.086	1.084	1.082	1.080	1.079	1.077	1.072	1.056	1.008	0.880	0.565
Haddam Neck	E04	W Zr	HN 15x15	3.90				32336	0.594	0.924	1.047	1.092	1.103	1.104	1.101	1.097	1.093	1.089	1.086	1.082	1.077	1.067	1.046	0.990	0.860	0.549
Haddam Neck	I04	W Zr	HN 15x15	4.70				32541	0.640	0.932	1.043	1.082	1.092	1.092	1.090	1.086	1.083	1.080	1.077	1.074	1.069	1.061	1.041	0.991	0.872	0.595
Haddam Neck	I06	W Zr	HN 15x15	4.70				32650	0.637	0.933	1.045	1.084	1.093	1.093	1.090	1.086	1.083	1.080	1.077	1.074	1.070	1.062	1.042	0.992	0.871	0.591
Haddam Neck	I03	W Zr	HN 15x15	4.70				33392	0.638	0.932	1.044	1.083	1.093	1.094	1.091	1.087	1.084	1.081	1.077	1.074	1.069	1.060	1.040	0.990	0.870	0.592
Haddam Neck	A01	BW SS	HN 15x15	4.00				33682	0.569	0.899	1.036	1.090	1.108	1.112	1.110	1.107	1.104	1.101	1.098	1.095	1.089	1.077	1.051	0.987	0.842	0.524
Haddam Neck	I07	W Zr	HN 15x15	4.70				33771	0.636	0.933	1.045	1.085	1.094	1.094	1.091	1.087	1.083	1.080	1.077	1.074	1.069	1.061	1.041	0.991	0.870	0.589
Haddam Neck	I05	W Zr	HN 15x15	4.70				37571	0.637	0.933	1.045	1.085	1.095	1.095	1.092	1.088	1.084	1.081	1.078	1.074	1.069	1.061	1.040	0.989	0.868	0.588
Haddam Neck	J01	W Zr	HN 15x15	4.70				38243	0.648	0.937	1.044	1.082	1.091	1.091	1.088	1.084	1.081	1.078	1.075	1.071	1.067	1.059	1.039	0.990	0.874	0.600
Haddam Neck	F08	W Zr	HN 15x15	4.60				38338	0.617	0.924	1.039	1.083	1.094	1.096	1.093	1.090	1.087	1.085	1.082	1.079	1.075	1.067	1.046	0.994	0.871	0.577
Haddam Neck	C04	BW Zr	HN 15x15	3.90				38538	0.608	0.928	1.043	1.083	1.092	1.092	1.089	1.087	1.084	1.082	1.080	1.078	1.075	1.069	1.053	1.004	0.880	0.574
Haddam Neck	B01	BW Zr	HN 15x15	3.80				40795	0.607	0.927	1.043	1.085	1.095	1.095	1.093	1.090	1.088	1.086	1.084	1.083	1.080	1.074	1.056	1.005	0.873	0.538
Haddam Neck	C01	BW Zr	HN 15x15	3.90				41534	0.606	0.927	1.044	1.086	1.097	1.097	1.095	1.091	1.088	1.085	1.083	1.080	1.076	1.068	1.048	0.995	0.868	0.564
Haddam Neck	F04	W Zr	HN 15x15	4.60				42175	0.635	0.935	1.041	1.079	1.088	1.089	1.086	1.083	1.081	1.078	1.076	1.073	1.070	1.063	1.045	0.998	0.883	0.586
Haddam Neck	I01	W Zr	HN 15x15	4.70				42195	0.664	0.948	1.042	1.072	1.078	1.078	1.076	1.073	1.071	1.069	1.067	1.065	1.063	1.058	1.044	1.005	0.901	0.627
Haddam Neck	C02	BW Zr	HN 15x15	3.90				42324	0.618	0.935	1.045	1.082	1.089	1.089	1.086	1.083	1.081	1.079	1.077	1.076	1.074	1.069	1.054	1.008	0.883	0.575
Haddam Neck	C05	BW Zr	HN 15x15	3.90				42513	0.617	0.934	1.045	1.083	1.091	1.091	1.088	1.085	1.083	1.080	1.078	1.077	1.074	1.068	1.052	1.003	0.878	0.571
Haddam Neck	B02	BW Zr	HN 15x15	3.80				43215	0.619	0.933	1.043	1.081	1.090	1.090	1.087	1.084	1.081	1.079	1.077	1.075	1.073	1.067	1.051	1.003	0.885	0.582
Haddam Neck	B03	BW Zr	HN 15x15	3.80				43410	0.615	0.931	1.043	1.083	1.092	1.093	1.090	1.088	1.085	1.082	1.080	1.078	1.075	1.068	1.050	1.000	0.877	0.571
Haddam Neck	I02	W Zr	HN 15x15	4.70				43508	0.665	0.950	1.043	1.074	1.080	1.079	1.077	1.074	1.072	1.069	1.067	1.065	1.062	1.057	1.042	1.002	0.887	0.624
Haddam Neck	C03	BW Zr	HN 15x15	3.90				43732	0.618	0.933	1.044	1.082	1.091	1.091	1.088	1.085	1.083	1.080	1.078	1.076	1.073	1.067	1.050	1.001	0.881	0.578
Haddam Neck	F06	W Zr	HN 15x15	4.60				44371	0.629	0.933	1.044	1.084	1.094	1.095	1.092	1.088	1.084	1.081	1.078	1.075	1.071	1.062	1.042	0.991	0.872	0.583
Haddam Neck	F07	W Zr	HN 15x15	4.60				46562	0.638	0.938	1.044	1.082	1.090	1.090	1.087	1.084	1.081	1.078	1.075	1.072	1.069	1.061	1.043	0.995	0.879	0.593
Haddam Neck	H05	W Zr	HN 15x15	4.20				47802	0.656	0.945	1.041	1.072	1.079	1.078	1.076	1.074	1.071	1.069	1.066	1.066	1.064	1.059	1.046	1.006	0.902	0.624
Haddam Neck	G04	W Zr	HN 15x15	4.20				49186	0.645	0.936	1.042	1.081	1.090	1.091	1.088	1.085	1.081	1.078	1.075	1.072	1.068	1.059	1.040	0.992	0.877	0.600
Haddam Neck	G02	W Zr	HN 15x15	4.20				50194	0.673	0.950	1.037	1.082	1.086	1.086	1.084	1.083	1.082	1.081	1.081	1.082	1.082	1.080	1.052	1.020	0.926	0.653
Haddam Neck	F05	W Zr	HN 15x15	4.60				51395	0.647	0.941	1.044	1.080	1.089	1.089	1.086	1.083	1.079	1.076	1.073	1.070	1.066	1.058	1.040	0.993	0.882	0.602
Haddam Neck	G05	W Zr	HN 15x15	4.20				53148	0.656	0.941	1.043	1.080	1.089	1.089	1.086	1.082	1.079	1.075	1.072	1.069	1.065	1.057	1.038	0.991	0.880	0.608
Haddam Neck	H06	W Zr	HN 15x15	4.20				54314	0.670	0.949	1.039	1.080	1.075	1.074	1.072	1.070	1.068	1.067	1.065	1.064	1.062	1.057	1.045	1.007	0.908	0.637
Haddam Neck	G03	W Zr	HN 15x15	4.20				55289	0.674	0.950	1.040	1.070	1.076	1.076	1.073	1.071	1.069	1.067	1.065	1.063	1.061	1.056	1.043	1.004	0.905	0.636

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Maine Yankee	EF003L	RF4	CE 14x14	1.93	4	25.8	B4C	4984	0.560	0.863	1.024	1.092	1.110	1.106	1.097	1.089	1.085	1.086	1.092	1.102	1.112	1.114	1.089	1.008	0.833	0.538
Maine Yankee	EF003P	RF4	CE 14x14	1.93	4	25.8	B4C	5014	0.570	0.872	1.023	1.081	1.091	1.083	1.073	1.065	1.062	1.065	1.074	1.089	1.107	1.121	1.114	1.050	0.862	0.578
Maine Yankee	EF003D	RF4	CE 14x14	1.93	4	25.8	B4C	5038	0.566	0.876	1.032	1.092	1.103	1.097	1.088	1.078	1.074	1.075	1.082	1.093	1.106	1.113	1.096	1.027	0.854	0.550
Maine Yankee	EF003G	RF4	CE 14x14	1.94	4	25.8	B4C	5120	0.563	0.865	1.025	1.094	1.112	1.110	1.101	1.093	1.089	1.090	1.097	1.108	1.116	1.117	1.091	1.002	0.812	0.517
Maine Yankee	EF002N	RF4	CE 14x14	1.93	4	25.8	B4C	5164	0.564	0.865	1.019	1.081	1.095	1.091	1.082	1.075	1.072	1.075	1.082	1.094	1.106	1.116	1.103	1.036	0.871	0.571
Maine Yankee	EF002M	RF4	CE 14x14	1.93	4	25.8	B4C	5211	0.562	0.864	1.017	1.081	1.096	1.095	1.087	1.081	1.078	1.080	1.087	1.098	1.110	1.115	1.096	1.027	0.861	0.562
Maine Yankee	EF002J	RF4	CE 14x14	1.93	4	25.8	B4C	5225	0.565	0.866	1.020	1.082	1.094	1.089	1.080	1.072	1.069	1.072	1.080	1.092	1.107	1.117	1.106	1.040	0.874	0.573
Maine Yankee	EF0032	RF4	CE 14x14	1.93	4	25.8	B4C	5292	0.559	0.862	1.019	1.087	1.106	1.104	1.097	1.090	1.086	1.088	1.094	1.104	1.114	1.115	1.092	1.012	0.836	0.539
Maine Yankee	EF0033	RF4	CE 14x14	1.93	4	25.8	B4C	5322	0.560	0.866	1.021	1.085	1.100	1.097	1.089	1.082	1.079	1.080	1.087	1.097	1.109	1.113	1.095	1.025	0.858	0.557
Maine Yankee	EF0025	RF0	CE 14x14	1.94	0			5364	0.537	0.875	1.036	1.097	1.110	1.105	1.095	1.086	1.082	1.082	1.088	1.098	1.109	1.113	1.095	1.022	0.849	0.522
Maine Yankee	EF002A	RF0	CE 14x14	1.94	0			5638	0.536	0.873	1.031	1.091	1.105	1.101	1.092	1.084	1.080	1.082	1.087	1.097	1.106	1.113	1.097	1.030	0.862	0.532
Maine Yankee	C113	C0	CE 14x14	2.94	0			5739	0.472	0.775	0.955	1.064	1.126	1.162	1.181	1.190	1.194	1.193	1.187	1.173	1.148	1.102	1.026	0.903	0.717	0.432
Maine Yankee	C123	C0	CE 14x14	2.94	0			5833	0.476	0.782	0.962	1.068	1.129	1.163	1.181	1.190	1.193	1.192	1.185	1.171	1.144	1.096	1.021	0.900	0.714	0.429
Maine Yankee	C101	C0	CE 14x14	2.95	0			6363	0.493	0.799	0.970	1.068	1.126	1.160	1.179	1.189	1.192	1.191	1.184	1.170	1.144	1.097	1.018	0.893	0.705	0.424
Maine Yankee	H141	I0	CE 14x14	3.03	0			7060	0.561	0.899	1.050	1.103	1.116	1.114	1.109	1.105	1.100	1.096	1.093	1.091	1.088	1.080	1.057	0.990	0.830	0.517
Maine Yankee	G125	H0	CE 14x14	3.06	0			7200	0.553	0.890	1.044	1.100	1.115	1.115	1.112	1.108	1.104	1.101	1.099	1.096	1.093	1.084	1.059	0.989	0.828	0.511
Maine Yankee	H123	I0	CE 14x14	3.04	0			7224	0.556	0.892	1.045	1.102	1.116	1.116	1.112	1.108	1.104	1.100	1.097	1.094	1.090	1.081	1.055	0.987	0.828	0.516
Maine Yankee	J044	J0	CE 14x14	3.00	0			7273	0.551	0.875	1.027	1.093	1.117	1.124	1.125	1.123	1.119	1.115	1.111	1.105	1.096	1.079	1.045	0.971	0.813	0.513
Maine Yankee	C205	C12	CE 14x14	2.94	12	6.8	B4C	7376	0.504	0.783	0.958	1.066	1.129	1.164	1.182	1.191	1.194	1.192	1.185	1.169	1.141	1.092	1.012	0.886	0.704	0.446
Maine Yankee	J047	J0	CE 14x14	3.00	0			7430	0.549	0.878	1.031	1.095	1.119	1.127	1.126	1.125	1.121	1.117	1.112	1.105	1.094	1.076	1.041	0.967	0.808	0.506
Maine Yankee	K047	K0	CE 14x14	3.00	0			7581	0.555	0.883	1.032	1.091	1.109	1.113	1.112	1.110	1.107	1.105	1.103	1.101	1.097	1.085	1.056	0.987	0.829	0.522
Maine Yankee	K044	K0	CE 14x14	3.00	0			7841	0.558	0.883	1.033	1.095	1.114	1.118	1.116	1.113	1.109	1.106	1.104	1.101	1.095	1.082	1.052	0.979	0.821	0.520
Maine Yankee	A066	A0	CE 14x14	2.04	0			7867	0.662	0.931	1.049	1.059	1.106	1.144	1.168	1.183	1.189	1.190	1.183	1.167	1.135	1.079	0.976	0.806	0.596	0.375
Maine Yankee	G136	H0	CE 14x14	3.03	0			7837	0.537	0.873	1.038	1.106	1.128	1.132	1.130	1.125	1.121	1.116	1.112	1.107	1.099	1.083	1.047	0.986	0.794	0.486
Maine Yankee	C203	C12	CE 14x14	2.95	12	6.8	B4C	7992	0.497	0.773	0.950	1.060	1.124	1.160	1.179	1.188	1.192	1.191	1.184	1.171	1.144	1.096	1.021	0.897	0.715	0.456
Maine Yankee	C113	C0	CE 14x14	2.94	0			8166	0.497	0.810	0.981	1.073	1.119	1.140	1.149	1.153	1.154	1.154	1.153	1.147	1.135	1.107	1.051	0.946	0.765	0.466
Maine Yankee	C123	C0	CE 14x14	2.94	0			8329	0.503	0.815	0.985	1.075	1.119	1.140	1.149	1.153	1.154	1.154	1.152	1.146	1.133	1.104	1.047	0.943	0.763	0.466
Maine Yankee	H106	I0	CE 14x14	3.04	0			8474	0.570	0.901	1.050	1.107	1.123	1.123	1.119	1.114	1.109	1.105	1.101	1.097	1.091	1.078	1.046	0.968	0.800	0.497
Maine Yankee	J043	J0	CE 14x14	3.00	0			8600	0.559	0.880	1.030	1.094	1.117	1.124	1.124	1.121	1.118	1.113	1.108	1.102	1.093	1.076	1.042	0.969	0.813	0.516
Maine Yankee	A062	A0	CE 14x14	2.04	0			8669	0.592	0.863	1.005	1.059	1.113	1.148	1.169	1.180	1.185	1.184	1.177	1.161	1.133	1.083	0.997	0.857	0.608	0.427
Maine Yankee	K043	K0	CE 14x14	3.00	0			8861	0.567	0.889	1.036	1.096	1.115	1.118	1.116	1.112	1.108	1.105	1.102	1.099	1.093	1.080	1.049	0.978	0.818	0.521
Maine Yankee	C235	C12	CE 14x14	2.96	12	6.8	B4C	9039	0.578	0.841	0.995	1.060	1.116	1.154	1.175	1.185	1.188	1.187	1.179	1.163	1.134	1.084	0.996	0.860	0.670	0.432
Maine Yankee	G117	H0	CE 14x14	3.03	0			9054	0.543	0.877	1.040	1.109	1.133	1.136	1.135	1.131	1.126	1.121	1.116	1.109	1.100	1.082	1.042	0.954	0.774	0.470
Maine Yankee	C101	C0	CE 14x14	2.95	0			9093	0.517	0.832	0.995	1.077	1.118	1.137	1.146	1.149	1.151	1.150	1.149	1.143	1.131	1.104	1.048	0.942	0.755	0.456
Maine Yankee	L846	L8	CE 14x14	3.29	8	23.6	B4C	9170	0.618	0.892	1.030	1.089	1.108	1.112	1.110	1.106	1.103	1.099	1.095	1.091	1.084	1.071	1.040	0.988	0.821	0.565
Maine Yankee	H145	I0	CE 14x14	3.02	0			9301	0.574	0.910	1.058	1.110	1.121	1.119	1.113	1.107	1.101	1.096	1.091	1.087	1.082	1.073	1.047	0.978	0.819	0.513
Maine Yankee	H117	I0	CE 14x14	3.04	0			9404	0.577	0.911	1.052	1.099	1.108	1.106	1.101	1.096	1.092	1.088	1.085	1.083	1.081	1.076	1.057	0.999	0.849	0.538
Maine Yankee	G121	H0	CE 14x14	3.03	0			9466	0.565	0.901	1.052	1.106	1.119	1.116	1.113	1.108	1.103	1.099	1.095	1.092	1.087	1.078	1.051	0.981	0.819	0.510
Maine Yankee	J048	J0	CE 14x14	3.00	0			9617	0.563	0.888	1.037	1.100	1.124	1.130	1.130	1.126	1.121	1.115	1.108	1.100	1.089	1.069	1.032	0.957	0.802	0.506
Maine Yankee	K048	K0	CE 14x14	3.00	0			9690	0.569	0.893	1.037	1.094	1.112	1.116	1.114	1.110	1.107	1.103	1.100	1.097	1.091	1.079	1.049	0.979	0.825	0.526
Maine Yankee	B033	B16	CE 14x14	2.41	16	17.8	B4C	9765	0.554	0.798	0.960	1.062	1.123	1.159	1.179	1.188	1.192	1.190	1.182	1.166	1.137	1.085	1.000	0.869	0.689	0.470
Maine Yankee	M426	M4	CE 14x14	3.31	4	23.8	B4C	9791	0.600	0.862	1.028	1.085	1.104	1.106	1.107	1.104	1.101	1.098	1.095	1.092	1.087	1.075	1.047	0.980	0.835	0.564
Maine Yankee	J045	J0	CE 14x14	3.00	0			9999	0.567	0.892	1.036	1.094	1.114	1.120	1.120	1.117	1.113	1.109	1.104	1.097	1.088	1.072	1.041	0.972	0.822	0.523
Maine Yankee	C303	C16	CE 14x14	2.95	16	6.8	B4C	10053	0.506	0.785	0.959	1.065	1.125	1.159	1.177	1.185	1.188	1.186	1.180	1.166	1.140	1.094	1.018	0.896	0.715	0.457
Maine Yankee	EF006Z	F0	CE 14x14	2.90	0			10084	0.545	0.858	1.012	1.084	1.114	1.124	1.126	1.124	1.122	1.121	1.120	1.118	1.111	1.093	1.051	0.985	0.802	0.506
Maine Yankee	G133	H0	CE 14x14	3.04	0			10189	0.559	0.892	1.045	1.103	1.120	1.122	1.118	1.114	1.109	1.105	1.101	1.096	1.090	1.077	1.048	0.976	0.815	0.510
Maine Yankee	C226	C12	CE 14x14	2.96	12	6.8	B4C	10386	0.512	0.786	0.959	1.064	1.124	1.159	1.177	1.186	1.189	1.187	1.180	1.166	1.139	1.093	1.015	0.893	0.713	0.457
Maine Yankee	EF0091	F0	CE 14x14	2.90	0			10436	0.549	0.862	1.014	1.085	1.115	1.124	1.125	1.123	1.122	1.120	1.119	1.117	1.111	1.092	1.050	0.984	0.800	0.506
Maine Yankee	K040	K0	CE 14x14	3.00	0			10465	0.575	0.900	1.041	1.096	1.111	1.112	1.110	1.106	1.102	1.099	1.096	1.093	1.088	1.076	1.049	0.983	0.833	0.532
Maine Yankee	B063	B16	CE 14x14	2.43	16	17.8	B4C	10479	0.526	0.772	0.944	1.055	1.120	1.156	1.175	1.185	1.189	1.188	1.182	1.166	1.142	1.095	1.016	0.892	0.712	0.482
Maine Yankee	C205	C12	CE 14x14	2.94	12	6.8	B4C	10492	0.526	0.817	0.983	1.074	1.119	1.140	1.149	1.152	1.153	1.153	1.150	1.144	1.130	1.100	1.041	0.934	0.755	0.480
Maine Yankee	L012	L0	CE 14x14	3.29	0			10542	0.581	0.901	1.040	1.093	1.109	1.112	1.110	1.106	1.103	1.099	1.096	1.092	1.086	1.074	1.047	0.981	0.833	0.536
Maine Yankee	A045	A0	CE 14x14	2.03	0			10562	0.502	0.790	0.958	1.061	1.120	1.154	1.172	1.181	1.184	1.183	1.178	1.165	1.141	1.087	1.023	0.905	0.726	0.456
Maine Yankee	B076	B16	CE 14x14	2.43	16	17.8	B4C	10788	0.537	0.782	0.949	1.055	1.118	1.154	1.174	1.184	1.188	1.187	1.181	1.166	1.141	1.094	1.014	0.887	0.707	0.480
Maine Yankee	H111	I0	CE 14x14	3.04	0			10813	0.595	0.925	1.059	1.099	1.105	1.101	1.095	1.090	1.086	1.082	1.079	1.077	1.075	1.071	1.055	1.001	0.857	0.550
Maine Yankee	A035	A0	CE 14x14	2.04	0			10860	0.503	0.786	0.953	1.057	1.117	1.151	1.169	1.179	1.183	1.183	1.178	1.166	1.143	1.100	1.027	0.909	0.733	0.466
Maine Yankee	B032	B16	CE 14x14	2.41	16	17.8	B4C	10864	0.546	0.794	0.958	1.058	1.118	1.153	1.172	1.182	1.186	1.186	1.180	1.166	1.139	1.091	1.011	0.883	0.702	0.475
Maine Yankee	A032	A0	CE 14x14	2.03	0			11004	0.506	0.799	0.964	1.057	1.116	1.150	1.168	1.178	1.182	1.182	1.178	1.166	1.143	1.100	1.027	0.908	0.731	0.464
Maine Yankee	G215	G0	CE 14x14	2.74	0			11008	0.579	0.908	1.049	1.098	1.109	1.106	1.104	1.100	1.096	1.093	1.090	1.087	1.083	1.076	1.054	0.992	0.840	0.533
Maine Yankee	A051	A0	CE 14x14	2.00	0			11015	0.519	0.808	0.968	1.064	1.119	1.152	1.170	1.180	1.186	1.187	1.183	1.172	1.149	1.104	1.022	0.888	0.698	0.435
Maine Yankee	B043	B16	CE 14x14	2.40	16	17.8	B4C	11102	0.560	0.811	0.970	1.063	1.118	1.152	1.173	1.184	1.190	1.191	1.187	1.174	1.149	1.099	1.010	0.864	0.665	0.440
Maine Yankee	A046	A0	CE 14x14	2.03	0			11134	0.510	0.794	0.956	1.058	1.115	1.148	1.167	1.176	1.181	1.181	1.177	1.166	1.143	1.100	1.027	0.907	0.729	0.462
Maine Yankee	P019	P0	CE 14x14	3.50	0			11336	0.592	0.910	1.042	1.089	1.101	1.103	1.101	1.098	1.095	1.092	1.089	1.085	1.081	1.072	1.050	0.993	0.852	0.558
Maine Yankee	A004	A0	CE 14x14	2.01	0			11355	0.515	0.805	0.972	1.073	1.130	1.163	1.181	1.191	1.196	1.196	1.190	1.179	1.157	1.113	1.034	0.876	0.650	0.380
Maine Yankee	C208	C12	CE 14x14	2.95	12	6.8	B4C	11397	0.524	0.800	0.967	1.069	1.127	1.159	1.177	1.185	1.187	1.185	1.177	1.162	1.135	1.087	1.009	0.886	0.708	0.456
Maine Yankee	C203	C12	CE 14x14	2.95	12	6.8	B4C	11470	0.520	0.809	0.977	1.070	1.117	1.136	1.148	1.151	1.152	1.152	1.150	1.145	1.131	1.103	1.046	0.940	0.763	0.488
Maine Yankee	L003	L0	CE 14x14	3.29	0			11478	0.569	0.910	1.044	1.094	1.108	1.109	1.107	1.103	1.099	1.095	1.092	1.087	1.082	1.071	1.045	0.983	0.840	0.543

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/MT)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Maine Yankee	B008	B16	CE 14x14	2.40	16	17.8	B4C	11519	0.543	0.792	0.955	1.054	1.113	1.148	1.167	1.178	1.183	1.184	1.179	1.167	1.143	1.097	1.019	0.882	0.709	0.477
Maine Yankee	EF008V	F0	CE 14x14	2.89	0			11604	0.555	0.806	1.015	1.086	1.116	1.125	1.126	1.124	1.122	1.121	1.120	1.117	1.110	1.082	1.049	0.982	0.795	0.497
Maine Yankee	A037	A0	CE 14x14	2.02	0			11656	0.502	0.786	0.952	1.055	1.113	1.146	1.164	1.174	1.179	1.179	1.176	1.166	1.145	1.104	1.034	0.917	0.739	0.469
Maine Yankee	A058	A0	CE 14x14	2.04	0			11676	0.506	0.791	0.957	1.058	1.115	1.148	1.166	1.176	1.180	1.181	1.178	1.166	1.146	1.105	1.033	0.913	0.729	0.450
Maine Yankee	A007	A0	CE 14x14	2.01	0			11720	0.504	0.789	0.955	1.057	1.115	1.148	1.166	1.175	1.180	1.181	1.178	1.166	1.147	1.106	1.033	0.911	0.728	0.458
Maine Yankee	A014	A0	CE 14x14	2.01	0			11804	0.504	0.789	0.955	1.057	1.114	1.147	1.165	1.174	1.179	1.181	1.177	1.166	1.147	1.106	1.033	0.912	0.731	0.461
Maine Yankee	A044	A0	CE 14x14	2.03	0			11856	0.502	0.786	0.953	1.056	1.114	1.147	1.165	1.174	1.179	1.180	1.177	1.167	1.146	1.106	1.036	0.919	0.736	0.456
Maine Yankee	M008	M0	CE 14x14	3.30	0			11902	0.590	0.906	1.039	1.089	1.104	1.106	1.104	1.101	1.097	1.094	1.092	1.088	1.084	1.073	1.049	0.987	0.845	0.551
Maine Yankee	B029	B16	CE 14x14	2.40	16	17.8	B4C	11983	0.526	0.776	0.945	1.052	1.114	1.149	1.168	1.178	1.183	1.183	1.179	1.167	1.143	1.099	1.024	0.902	0.723	0.488
Maine Yankee	H205	I4	CE 14x14	3.04	4	19.6	B4C	12006	0.610	0.919	1.053	1.100	1.109	1.107	1.102	1.097	1.092	1.088	1.084	1.080	1.076	1.068	1.045	0.983	0.836	0.552
Maine Yankee	J046	J0	CE 14x14	3.00	0			12009	0.583	0.903	1.041	1.094	1.113	1.118	1.118	1.114	1.110	1.105	1.099	1.092	1.082	1.066	1.035	0.970	0.825	0.531
Maine Yankee	J071	J0	CE 14x14	3.00	8	23.8	B4C	12076	0.612	0.892	1.029	1.067	1.106	1.114	1.114	1.111	1.107	1.103	1.098	1.091	1.082	1.066	1.034	0.986	0.822	0.565
Maine Yankee	H251	I4	CE 14x14	3.03	4	19.6	B4C	12329	0.621	0.930	1.064	1.112	1.123	1.122	1.117	1.111	1.106	1.101	1.097	1.093	1.087	1.072	1.038	0.957	0.770	0.477
Maine Yankee	B079	B16	CE 14x14	2.42	16	17.8	B4C	12331	0.525	0.775	0.944	1.051	1.113	1.148	1.167	1.177	1.181	1.182	1.178	1.167	1.144	1.101	1.027	0.906	0.726	0.488
Maine Yankee	B027	B16	CE 14x14	2.40	16	17.8	B4C	12393	0.531	0.784	0.952	1.057	1.117	1.151	1.170	1.180	1.185	1.186	1.183	1.172	1.149	1.105	1.025	0.891	0.696	0.463
Maine Yankee	K039	K0	CE 14x14	3.00	0			12400	0.590	0.910	1.044	1.093	1.106	1.107	1.104	1.100	1.097	1.094	1.091	1.088	1.083	1.073	1.048	0.986	0.841	0.545
Maine Yankee	B023	B16	CE 14x14	2.40	16	17.8	B4C	12454	0.526	0.778	0.946	1.052	1.113	1.147	1.165	1.176	1.181	1.182	1.178	1.168	1.145	1.103	1.028	0.906	0.723	0.485
Maine Yankee	Q015	Q0	CE 14x14	3.69	0			12475	0.598	0.917	1.046	1.090	1.101	1.101	1.096	1.094	1.090	1.086	1.083	1.080	1.076	1.068	1.047	0.993	0.858	0.572
Maine Yankee	T008	T0	CE 14x14	3.92	0			12516	0.607	0.921	1.049	1.096	1.110	1.111	1.106	1.103	1.098	1.094	1.088	1.083	1.075	1.062	1.035	0.974	0.835	0.552
Maine Yankee	B048	B16	CE 14x14	2.40	16	17.8	B4C	12562	0.527	0.780	0.950	1.056	1.116	1.150	1.169	1.179	1.184	1.185	1.181	1.171	1.149	1.106	1.028	0.887	0.705	0.466
Maine Yankee	K855	K8	CE 14x14	3.00	8	23.8	B4C	12574	0.621	0.902	1.036	1.090	1.106	1.108	1.104	1.100	1.096	1.093	1.090	1.087	1.081	1.070	1.042	0.975	0.830	0.571
Maine Yankee	B026	B16	CE 14x14	2.40	16	17.8	B4C	12584	0.524	0.776	0.945	1.051	1.112	1.146	1.165	1.175	1.180	1.181	1.178	1.168	1.146	1.104	1.031	0.909	0.726	0.486
Maine Yankee	G202	G0	CE 14x14	2.73	0			12723	0.566	0.896	1.047	1.107	1.125	1.128	1.125	1.120	1.114	1.109	1.103	1.097	1.088	1.072	1.039	0.982	0.800	0.502
Maine Yankee	U06	U0	CE 14x14	3.74	0			12856	0.521	0.877	1.040	1.100	1.118	1.121	1.119	1.116	1.113	1.110	1.107	1.104	1.099	1.088	1.060	0.989	0.823	0.495
Maine Yankee	G305	G42	CE 14x14	2.73	4	17.4	B4C	12917	0.578	0.893	1.047	1.112	1.133	1.137	1.134	1.130	1.124	1.119	1.113	1.106	1.096	1.078	1.039	0.954	0.751	0.457
Maine Yankee	S020	S0	CE 14x14	3.70	0			13050	0.610	0.923	1.047	1.088	1.099	1.099	1.097	1.093	1.089	1.086	1.083	1.079	1.074	1.065	1.045	0.992	0.858	0.571
Maine Yankee	A051	A0	CE 14x14	2.00	0			13152	0.589	0.877	1.015	1.065	1.100	1.118	1.127	1.132	1.134	1.134	1.134	1.130	1.120	1.096	1.044	0.936	0.760	0.485
Maine Yankee	J449	J4	CE 14x14	3.00	4	23.8	B4C	13163	0.600	0.896	1.036	1.082	1.112	1.117	1.117	1.113	1.109	1.104	1.096	1.091	1.082	1.066	1.035	0.987	0.821	0.543
Maine Yankee	H206	I4	CE 14x14	3.02	4	19.6	B4C	13231	0.628	0.939	1.068	1.106	1.112	1.107	1.100	1.093	1.088	1.083	1.078	1.075	1.072	1.064	1.042	0.979	0.825	0.541
Maine Yankee	EF0092	F0	CE 14x14	2.90	0			13262	0.563	0.870	1.018	1.068	1.116	1.125	1.125	1.122	1.120	1.118	1.116	1.113	1.106	1.087	1.045	0.959	0.798	0.512
Maine Yankee	G404	G41	CE 14x14	2.75	4	8.7	B4C	13263	0.604	0.925	1.058	1.102	1.109	1.107	1.101	1.096	1.092	1.088	1.085	1.082	1.079	1.072	1.051	0.988	0.829	0.531
Maine Yankee	H220	I4	CE 14x14	3.03	4	19.6	B4C	13269	0.647	0.951	1.064	1.092	1.091	1.084	1.079	1.074	1.071	1.068	1.066	1.066	1.067	1.066	1.056	1.006	0.868	0.562
Maine Yankee	K449	K4	CE 14x14	3.00	4	23.8	B4C	13385	0.610	0.909	1.044	1.095	1.110	1.111	1.107	1.103	1.098	1.095	1.092	1.088	1.083	1.071	1.043	0.976	0.820	0.545
Maine Yankee	C235	C12	CE 14x14	2.96	12	6.8	B4C	13449	0.585	0.870	1.018	1.076	1.115	1.133	1.142	1.145	1.145	1.145	1.142	1.137	1.124	1.097	1.040	0.928	0.715	0.444
Maine Yankee	M415	M4	CE 14x14	3.31	4	23.8	B4C	13586	0.617	0.912	1.039	1.085	1.096	1.099	1.097	1.094	1.090	1.087	1.085	1.082	1.078	1.069	1.047	0.990	0.853	0.579
Maine Yankee	R013	R0	CE 14x14	3.68	0			13616	0.606	0.920	1.043	1.083	1.092	1.092	1.089	1.087	1.084	1.083	1.081	1.080	1.078	1.073	1.056	1.005	0.870	0.575
Maine Yankee	EF0094	F0	CE 14x14	2.88	0			13624	0.565	0.866	1.013	1.064	1.112	1.122	1.123	1.121	1.118	1.117	1.116	1.113	1.106	1.086	1.046	0.982	0.804	0.525
Maine Yankee	G307	G42	CE 14x14	2.74	4	17.4	B4C	13670	0.620	0.928	1.052	1.091	1.097	1.094	1.090	1.087	1.084	1.082	1.079	1.078	1.077	1.073	1.057	1.000	0.850	0.561
Maine Yankee	K853	K8	CE 14x14	3.00	8	23.8	B4C	13865	0.635	0.910	1.036	1.085	1.099	1.101	1.096	1.095	1.092	1.089	1.087	1.084	1.079	1.069	1.042	0.979	0.838	0.563
Maine Yankee	P002	P0	CE 14x14	3.51	0			13886	0.612	0.921	1.043	1.085	1.096	1.096	1.094	1.091	1.088	1.085	1.082	1.079	1.075	1.067	1.048	0.986	0.864	0.577
Maine Yankee	L423	L4	CE 14x14	3.29	4	23.8	B4C	13895	0.617	0.914	1.043	1.082	1.106	1.107	1.104	1.100	1.096	1.091	1.087	1.083	1.077	1.065	1.039	0.977	0.837	0.564
Maine Yankee	J853	J8	CE 14x14	3.00	8	23.8	B4C	13724	0.627	0.904	1.036	1.082	1.113	1.119	1.118	1.114	1.109	1.103	1.096	1.088	1.076	1.057	1.022	0.953	0.812	0.561
Maine Yankee	L854	L8	CE 14x14	3.29	8	23.8	B4C	13941	0.634	0.913	1.041	1.090	1.105	1.106	1.103	1.099	1.094	1.090	1.086	1.081	1.075	1.063	1.036	0.973	0.834	0.578
Maine Yankee	P009	P0	CE 14x14	3.50	0			13957	0.607	0.921	1.048	1.092	1.103	1.103	1.100	1.096	1.092	1.088	1.085	1.080	1.075	1.065	1.043	0.987	0.851	0.564
Maine Yankee	P024	P0	CE 14x14	3.50	0			13978	0.614	0.923	1.043	1.082	1.092	1.093	1.091	1.088	1.085	1.083	1.081	1.078	1.075	1.068	1.050	1.000	0.870	0.564
Maine Yankee	T868	T8	CE 14x14	3.91	8	31.4	B4C	13913	0.662	0.920	1.036	1.081	1.095	1.097	1.096	1.092	1.089	1.085	1.081	1.076	1.069	1.057	1.032	0.974	0.847	0.612
Maine Yankee	P448	P4	CE 14x14	3.50	4	31.4	B4C	14128	0.641	0.923	1.040	1.081	1.092	1.093	1.091	1.088	1.085	1.082	1.079	1.075	1.071	1.062	1.041	0.989	0.862	0.603
Maine Yankee	C303	C16	CE 14x14	2.95	16	6.8	B4C	14284	0.530	0.820	0.984	1.072	1.116	1.137	1.145	1.148	1.149	1.149	1.146	1.141	1.127	1.099	1.043	0.939	0.765	0.490
Maine Yankee	T852	T8	CE 14x14	3.89	8	31.4	B4C	14304	0.666	0.924	1.040	1.084	1.096	1.100	1.098	1.094	1.089	1.085	1.080	1.074	1.066	1.053	1.027	0.989	0.843	0.610
Maine Yankee	J872	J8	CE 14x14	3.00	8	23.8	B4C	14342	0.641	0.913	1.033	1.081	1.097	1.103	1.103	1.101	1.097	1.093	1.088	1.082	1.073	1.059	1.032	0.973	0.841	0.590
Maine Yankee	M846	M8	CE 14x14	3.30	8	23.8	B4C	14353	0.635	0.908	1.034	1.084	1.099	1.101	1.099	1.096	1.092	1.089	1.086	1.082	1.077	1.066	1.040	0.979	0.843	0.590
Maine Yankee	B033	B16	CE 14x14	2.41	16	17.8	B4C	14358	0.566	0.828	0.987	1.073	1.116	1.137	1.146	1.149	1.150	1.150	1.147	1.141	1.127	1.096	1.035	0.922	0.739	0.494
Maine Yankee	T424	T4	CE 14x14	3.91	4	31.4	B4C	14379	0.644	0.925	1.044	1.088	1.101	1.103	1.101	1.098	1.092	1.087	1.083	1.077	1.069	1.057	1.031	0.972	0.842	0.588
Maine Yankee	N409	N4	CE 14x14	3.31	4	23.8	B4C	14436	0.629	0.915	1.035	1.079	1.091	1.093	1.091	1.088	1.086	1.084	1.082	1.080	1.077	1.069	1.048	0.994	0.864	0.596
Maine Yankee	T432	T4	CE 14x14	3.91	4	31.4	B4C	14474	0.640	0.925	1.049	1.095	1.108	1.109	1.106	1.101	1.095	1.089	1.084	1.077	1.066	1.054	1.027	0.986	0.832	0.577
Maine Yankee	M427	M4	CE 14x14	3.30	4	23.8	B4C	14549	0.630	0.921	1.039	1.080	1.091	1.092	1.090	1.087	1.084	1.082	1.080	1.078	1.074	1.067	1.048	0.986	0.867	0.595
Maine Yankee	N413	N4	CE 14x14	3.30	4	23.8	B4C	14559	0.626	0.915	1.035	1.079	1.090	1.091	1.089	1.087	1.084	1.083	1.081	1.080	1.078	1.071	1.051	0.997	0.866	0.596
Maine Yankee	K872	K8	CE 14x14	3.00	8	23.8	B4C	14722	0.651	0.923	1.037	1.077	1.087	1.087	1.084	1.082	1.080	1.078	1.076	1.077	1.075	1.069	1.050	0.995	0.863	0.608
Maine Yankee	C228	C12	CE 14x14	2.96	12	6.8	B4C	14740	0.536	0.826	0.987	1.073	1.115	1.135	1.143	1.146	1.147	1.146	1.144	1.138	1.125	1.096	1.043	0.940	0.766	0.491
Maine Yankee	L419	L4	CE 14x14	3.29	4	23.8	B4C	14759	0.624	0.919	1.047	1.097	1.111	1.112	1.108	1.103	1.098	1.093	1.088	1.082	1.075	1.062	1.034	0.970	0.828	0.548
Maine Yankee	Q024	Q0	CE 14x14	3.69	0			14848	0.615	0.926	1.047	1.088	1.097	1.097	1.093	1.089	1.085	1.082	1.079	1.075	1.071	1.063	1.044	0.993	0.866	0.588
Maine Yankee	M421	M4	CE 14x14	3.31	4	23.8	B4C	14883	0.624	0.915	1.039	1.086	1.100	1.102	1.100	1.096	1.092	1.089	1.085	1.082	1.076	1.065	1.041	0.981	0.847	0.579
Maine Yankee	Q009	Q0	CE 14x14	3.69	0			14890	0.615	0.925	1.046	1.086	1.096	1.096	1.093	1.089	1.085	1.081	1.078	1.076	1.072	1.064	1.045	0.995	0.868	0.591
Maine Yankee	S443	S4	CE 14x14	3.70	4	31.4	B4C	15036	0.651	0.930	1.042	1.080	1.090	1.091	1.088	1.085	1.082	1.079	1.075	1.072	1.067	1.059	1.040	0.991	0.868	0.611
Maine Yankee	N001	N0	CE 14x14	3.31	0			15071	0.614	0.922	1.041	1.081	1.092	1.093	1.091	1.088	1.086	1.083	1.081	1.079	1.076	1.069	1.050	0.999	0.870	0.584
Maine Yankee	U20	U24	CE 14x14	3.74	24	3	ZrB2,	15106	0.548	0.902	1.041	1.098	1.115	1.117	1.114	1.110	1.106	1.103	1.099	1.095	1.090	1.078	1.050	0.981	0.837	0.516
Maine Yankee	L850	L8	CE 14x14	3.29	8	23.8	B4C	15167	0.636	0.915	1.041	1.069	1.102	1.104	1.101	1.097	1.093	1.089	1.085	1.081	1.074	1.063	1.037	0.975	0.837	0.561

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Maine Yankee	Q006	Q0	CE 14x14	3.69	0			15193	0.611	0.927	1.052	1.094	1.104	1.103	1.099	1.094	1.089	1.084	1.080	1.076	1.070	1.061	1.040	0.986	0.855	0.576
Maine Yankee	A030	A0	CE 14x14	2.03	0			15237	0.534	0.830	0.965	1.068	1.109	1.129	1.138	1.143	1.145	1.147	1.147	1.145	1.136	1.114	1.065	0.986	0.746	0.454
Maine Yankee	U48	U48	CE 14x14	3.74	48	3	ZrB2,	15263	0.571	0.920	1.035	1.089	1.104	1.107	1.105	1.101	1.096	1.095	1.092	1.089	1.084	1.073	1.048	0.983	0.862	0.543
Maine Yankee	S006	S0	CE 14x14	3.70	0			15384	0.621	0.931	1.050	1.089	1.099	1.098	1.095	1.091	1.087	1.083	1.079	1.075	1.070	1.061	1.041	0.990	0.860	0.578
Maine Yankee	A032	A0	CE 14x14	2.03	0			15425	0.535	0.830	0.963	1.065	1.105	1.125	1.134	1.138	1.141	1.143	1.143	1.141	1.132	1.108	1.057	0.955	0.776	0.489
Maine Yankee	S431	S4	CE 14x14	3.70	4	31.4	B4C	15431	0.650	0.929	1.040	1.079	1.088	1.089	1.087	1.084	1.081	1.078	1.075	1.072	1.068	1.060	1.042	0.993	0.871	0.614
Maine Yankee	A045	A0	CE 14x14	2.03	0			15463	0.524	0.823	0.961	1.068	1.111	1.132	1.141	1.145	1.146	1.146	1.145	1.140	1.128	1.101	1.048	0.948	0.778	0.493
Maine Yankee	S012	S0	CE 14x14	3.70	0			15470	0.635	0.938	1.048	1.083	1.090	1.090	1.088	1.084	1.081	1.078	1.075	1.071	1.067	1.060	1.043	0.997	0.878	0.597
Maine Yankee	S032	B16	CE 14x14	2.41	16	17.8	B4C	15510	0.550	0.817	0.979	1.068	1.112	1.133	1.143	1.147	1.148	1.148	1.146	1.141	1.128	1.099	1.041	0.934	0.759	0.507
Maine Yankee	M851	M8	CE 14x14	3.30	8	23.8	B4C	15642	0.670	0.934	1.028	1.052	1.052	1.050	1.049	1.050	1.051	1.054	1.058	1.063	1.069	1.076	1.077	1.049	0.939	0.678
Maine Yankee	A033	A0	CE 14x14	2.03	0			15662	0.529	0.824	0.961	1.066	1.108	1.128	1.138	1.142	1.145	1.146	1.145	1.142	1.131	1.105	1.052	0.950	0.776	0.491
Maine Yankee	U14	U24	CE 14x14	3.74	24	3	ZrB2,	15668	0.556	0.906	1.040	1.095	1.111	1.113	1.111	1.107	1.103	1.100	1.097	1.094	1.089	1.077	1.050	0.983	0.843	0.524
Maine Yankee	M842	M8	CE 14x14	3.30	8	23.8	B4C	15687	0.666	0.931	1.028	1.058	1.063	1.064	1.064	1.064	1.064	1.065	1.066	1.068	1.069	1.069	1.061	1.025	0.914	0.659
Maine Yankee	LT71	L12	CE 14x14	3.29	12	23.8	B4C	15738	0.671	0.928	1.029	1.060	1.065	1.066	1.065	1.065	1.066	1.067	1.068	1.070	1.072	1.072	1.063	1.023	0.904	0.646
Maine Yankee	EF002N	RF4	CE 14x14	1.93	4	25.8	B4C	15787	0.587	0.893	1.032	1.065	1.089	1.099	1.095	1.091	1.089	1.088	1.088	1.090	1.091	1.087	1.067	1.005	0.854	0.581
Maine Yankee	EF003C	RF4	CE 14x14	1.95	4	25.8	B4C	15790	0.606	0.911	1.039	1.081	1.088	1.086	1.083	1.081	1.081	1.083	1.086	1.091	1.097	1.100	1.089	1.034	0.841	0.528
Maine Yankee	EF002B	RF0	CE 14x14	1.93	0			15838	0.597	0.916	1.040	1.078	1.082	1.079	1.075	1.073	1.072	1.073	1.076	1.081	1.087	1.091	1.083	1.034	0.888	0.574
Maine Yankee	Q459	Q4	CE 14x14	3.70	4	31.4	B4C	15909	0.648	0.932	1.046	1.087	1.096	1.096	1.092	1.087	1.082	1.077	1.073	1.069	1.064	1.055	1.035	0.984	0.863	0.614
Maine Yankee	L835	L8	CE 14x14	3.29	8	23.8	B4C	15910	0.662	0.930	1.035	1.070	1.078	1.080	1.079	1.077	1.076	1.075	1.073	1.072	1.070	1.064	1.048	1.003	0.881	0.627
Maine Yankee	A046	A0	CE 14x14	2.03	0			15944	0.531	0.825	0.979	1.063	1.106	1.127	1.137	1.142	1.144	1.145	1.145	1.141	1.129	1.103	1.050	0.951	0.783	0.500
Maine Yankee	U34	U24	CE 14x14	3.74	24	3	ZrB2,	16010	0.564	0.910	1.040	1.094	1.110	1.112	1.109	1.105	1.101	1.098	1.095	1.092	1.087	1.076	1.049	0.983	0.846	0.530
Maine Yankee	A004	A0	CE 14x14	2.01	0			16069	0.535	0.831	0.968	1.075	1.118	1.139	1.149	1.154	1.157	1.158	1.156	1.152	1.141	1.113	1.055	0.926	0.719	0.434
Maine Yankee	Q438	Q4	CE 14x14	3.69	4	31.4	B4C	16077	0.642	0.930	1.048	1.090	1.099	1.099	1.094	1.088	1.084	1.079	1.075	1.070	1.065	1.058	1.035	0.982	0.858	0.605
Maine Yankee	EF002A	RF0	CE 14x14	1.94	0			16127	0.601	0.919	1.038	1.072	1.075	1.072	1.068	1.066	1.066	1.067	1.070	1.075	1.083	1.089	1.085	1.044	0.912	0.600
Maine Yankee	L838	L8	CE 14x14	3.29	8	23.8	B4C	16163	0.659	0.926	1.030	1.062	1.067	1.067	1.066	1.066	1.066	1.067	1.068	1.070	1.073	1.073	1.065	1.025	0.905	0.644
Maine Yankee	R014	R0	CE 14x14	3.68	0			16244	0.617	0.928	1.047	1.085	1.092	1.091	1.089	1.085	1.082	1.080	1.078	1.076	1.074	1.069	1.052	1.003	0.871	0.581
Maine Yankee	C208	C12	CE 14x14	2.95	12	6.8	B4C	16248	0.546	0.834	0.991	1.076	1.117	1.136	1.144	1.147	1.147	1.146	1.143	1.137	1.123	1.094	1.037	0.933	0.759	0.489
Maine Yankee	B043	B16	CE 14x14	2.40	16	17.8	B4C	16281	0.570	0.840	0.994	1.075	1.116	1.137	1.147	1.152	1.155	1.156	1.155	1.151	1.139	1.109	1.044	0.920	0.697	0.443
Maine Yankee	L833	L8	CE 14x14	3.29	8	23.8	B4C	16291	0.659	0.931	1.038	1.073	1.081	1.081	1.080	1.078	1.076	1.074	1.073	1.071	1.069	1.064	1.048	1.001	0.879	0.623
Maine Yankee	EF003P	RF4	CE 14x14	1.93	4	25.8	B4C	16310	0.584	0.890	1.033	1.089	1.104	1.105	1.102	1.098	1.095	1.094	1.093	1.094	1.094	1.088	1.064	0.995	0.836	0.544
Maine Yankee	M864	M8	CE 14x14	3.30	8	23.8	B4C	16334	0.659	0.926	1.032	1.068	1.078	1.079	1.078	1.077	1.075	1.074	1.074	1.073	1.071	1.066	1.050	1.004	0.884	0.631
Maine Yankee	A058	A0	CE 14x14	2.04	0			16380	0.529	0.822	0.977	1.062	1.105	1.126	1.136	1.140	1.143	1.145	1.145	1.142	1.132	1.107	1.055	0.957	0.785	0.494
Maine Yankee	EF003L	RF4	CE 14x14	1.93	4	25.8	B4C	16413	0.605	0.907	1.034	1.077	1.085	1.083	1.080	1.077	1.076	1.076	1.078	1.081	1.086	1.087	1.074	1.022	0.882	0.590
Maine Yankee	EF003G	RF4	CE 14x14	1.94	4	25.8	B4C	16416	0.595	0.896	1.030	1.081	1.094	1.094	1.091	1.089	1.087	1.087	1.088	1.090	1.092	1.089	1.069	1.007	0.855	0.586
Maine Yankee	R005	R0	CE 14x14	3.68	0			16442	0.628	0.932	1.045	1.081	1.088	1.087	1.085	1.082	1.079	1.077	1.076	1.075	1.073	1.068	1.052	1.005	0.878	0.592
Maine Yankee	M869	M8	CE 14x14	3.31	8	23.8	B4C	16462	0.665	0.931	1.031	1.063	1.069	1.070	1.069	1.068	1.068	1.068	1.068	1.069	1.070	1.068	1.057	1.017	0.901	0.648
Maine Yankee	EF002J	RF4	CE 14x14	1.93	4	25.8	B4C	16485	0.603	0.905	1.034	1.078	1.087	1.085	1.081	1.079	1.078	1.078	1.080	1.084	1.089	1.091	1.078	1.022	0.872	0.578
Maine Yankee	A044	A0	CE 14x14	2.03	0			16505	0.524	0.820	0.977	1.063	1.106	1.127	1.136	1.141	1.143	1.144	1.144	1.141	1.130	1.105	1.054	0.957	0.787	0.501
Maine Yankee	EF0033	RF4	CE 14x14	1.93	4	25.8	B4C	16505	0.585	0.888	1.027	1.081	1.097	1.099	1.097	1.094	1.092	1.092	1.092	1.094	1.094	1.089	1.067	1.002	0.850	0.561
Maine Yankee	R035	R0	CE 14x14	3.68	0			16518	0.627	0.932	1.044	1.079	1.086	1.085	1.083	1.080	1.078	1.076	1.075	1.074	1.073	1.068	1.053	1.006	0.882	0.596
Maine Yankee	A014	A0	CE 14x14	2.01	0			16543	0.526	0.821	0.977	1.063	1.105	1.126	1.136	1.141	1.143	1.145	1.145	1.142	1.132	1.107	1.055	0.955	0.783	0.496
Maine Yankee	M848	M8	CE 14x14	3.30	8	23.8	B4C	16568	0.659	0.928	1.035	1.071	1.080	1.081	1.079	1.077	1.075	1.074	1.073	1.072	1.070	1.065	1.049	1.003	0.881	0.629
Maine Yankee	EF00AB	F12	CE 14x14	2.88	12	15.5	B4C	16618	0.580	0.867	1.012	1.062	1.110	1.119	1.120	1.118	1.116	1.114	1.113	1.110	1.103	1.084	1.042	0.956	0.799	0.543
Maine Yankee	EF0025	RF0	CE 14x14	1.94	0			16631	0.596	0.915	1.039	1.078	1.084	1.081	1.077	1.075	1.073	1.074	1.076	1.079	1.084	1.086	1.076	1.028	0.891	0.583
Maine Yankee	EF002M	RF4	CE 14x14	1.93	4	25.8	B4C	16661	0.584	0.896	1.027	1.076	1.087	1.087	1.085	1.083	1.082	1.082	1.084	1.087	1.090	1.089	1.074	1.018	0.875	0.584
Maine Yankee	EF0032	RF4	CE 14x14	1.93	4	25.8	B4C	16672	0.603	0.906	1.034	1.079	1.089	1.087	1.084	1.081	1.080	1.080	1.082	1.085	1.088	1.088	1.073	1.016	0.869	0.576
Maine Yankee	P672	P8	CE 14x14	3.50	8	31.4	B4C	16791	0.670	0.929	1.037	1.075	1.085	1.086	1.084	1.081	1.079	1.076	1.073	1.070	1.066	1.059	1.040	0.989	0.869	0.632
Maine Yankee	N426	N4	CE 14x14	3.30	4	23.8	B4C	16833	0.635	0.922	1.039	1.080	1.091	1.091	1.088	1.085	1.082	1.080	1.078	1.077	1.074	1.067	1.048	0.995	0.866	0.601
Maine Yankee	P861	P8	CE 14x14	3.50	8	31.4	B4C	16846	0.670	0.929	1.036	1.074	1.084	1.084	1.083	1.080	1.078	1.075	1.073	1.070	1.067	1.059	1.041	0.992	0.872	0.634
Maine Yankee	L846	L8	CE 14x14	3.29	8	23.8	B4C	16880	0.614	0.892	1.026	1.063	1.101	1.106	1.105	1.102	1.099	1.097	1.094	1.091	1.086	1.074	1.046	0.978	0.834	0.573
Maine Yankee	P439	P4	CE 14x14	3.50	4	31.4	B4C	16922	0.666	0.941	1.038	1.066	1.070	1.069	1.068	1.066	1.065	1.065	1.064	1.064	1.064	1.063	1.054	1.018	0.907	0.650
Maine Yankee	P868	P8	CE 14x14	3.49	8	31.4	B4C	16938	0.679	0.934	1.033	1.065	1.072	1.073	1.072	1.071	1.069	1.068	1.068	1.067	1.066	1.061	1.048	1.006	0.893	0.656
Maine Yankee	T864	T8	CE 14x14	3.89	8	31.4	B4C	17007	0.684	0.934	1.033	1.066	1.076	1.078	1.077	1.075	1.074	1.072	1.070	1.068	1.064	1.057	1.040	0.996	0.884	0.653
Maine Yankee	P431	P4	CE 14x14	3.50	4	31.4	B4C	17029	0.682	0.935	1.038	1.071	1.079	1.080	1.078	1.076	1.075	1.073	1.071	1.069	1.067	1.061	1.045	1.001	0.885	0.634
Maine Yankee	EF004K	D0	CE 14x14	1.95	0			17282	0.585	0.870	1.006	1.077	1.105	1.114	1.116	1.115	1.113	1.113	1.112	1.111	1.105	1.086	1.047	0.984	0.812	0.545
Maine Yankee	T416	T4	CE 14x14	3.91	4	31.4	B4C	17369	0.669	0.938	1.039	1.073	1.082	1.084	1.082	1.080	1.077	1.075	1.072	1.069	1.064	1.056	1.038	0.992	0.878	0.632
Maine Yankee	N867	N8	CE 14x14	3.30	8	23.8	B4C	17371	0.646	0.920	1.037	1.079	1.089	1.089	1.087	1.083	1.081	1.079	1.077	1.076	1.073	1.066	1.047	0.994	0.865	0.612
Maine Yankee	P854	P8	CE 14x14	3.50	8	31.4	B4C	17372	0.678	0.935	1.034	1.064	1.070	1.069	1.068	1.067	1.066	1.066	1.066	1.066	1.065	1.063	1.052	1.012	0.899	0.650
Maine Yankee	EF009Y	F8	CE 14x14	2.88	8	15.5	B4C	17379	0.595	0.869	1.012	1.063	1.112	1.121	1.122	1.119	1.116	1.114	1.113	1.110	1.102	1.082	1.039	0.952	0.796	0.542
Maine Yankee	R030	R0	CE 14x14	3.68	0			17408	0.630	0.935	1.047	1.081	1.087	1.086	1.083	1.080	1.077	1.075	1.074	1.073	1.071	1.066	1.052	1.006	0.881	0.596
Maine Yankee	T860	T8	CE 14x14	3.89	8	31.4	B4C	17426	0.679	0.933	1.038	1.076	1.087	1.088	1.087	1.084	1.080	1.077	1.073	1.069	1.064	1.053	1.032	0.982	0.864	0.634
Maine Yankee	T848	T8	CE 14x14	3.90	8	31.4	B4C	17454	0.684	0.933	1.032	1.065	1.073	1.075	1.074	1.073	1.071	1.070	1.069	1.068	1.065	1.060	1.044	1.001	0.888	0.656
Maine Yankee	B051	B16	CE 14x14	2.42	16	17.8	B4C	17544	0.549	0.818	0.976	1.063	1.105	1.126	1.135	1.140	1.143	1.145	1.145	1.142	1.133	1.108	1.053	0.946	0.768	0.507
Maine Yankee	N851	N8	CE 14x14	3.30	8	23.8	B4C	17612	0.648	0.921	1.037	1.079	1.090	1.091	1.088	1.085	1.082	1.080	1.078	1.075	1.072	1.064	1.044	0.990	0.863	0.611
Maine Yankee	EF004L	D0	CE 14x14	1.95	0			17657	0.586	0.868	1.005	1.073	1.102	1.112	1.114	1.113	1.112	1.112	1.112	1.111	1.105	1.088	1.048	0.986	0.817	0.555
Maine Yankee	EF004D	D0	CE 14x14	1.95	0			17725	0.589	0.869	1.005	1.073	1.102	1.112	1.114	1.113	1.112	1.112	1.112	1.111	1.105	1.089	1.049	0.986	0.816	0.553
Maine Yankee	EF0054	D0	CE 14x14	1.95	0			17771	0.597	0.879	1.015	1.064	1.113	1.122	1.124	1.123	1.122	1.121	1.122	1.120	1.115	1.097	1.055	0.968	0.795	0.428

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Maine Yankee	T436	T4	CE 14x14	3.90	4	31.4	B4C	17775	0.662	0.938	1.048	1.088	1.100	1.101	1.097	1.093	1.088	1.082	1.077	1.071	1.063	1.050	1.025	0.970	0.847	0.601
Maine Yankee	EF0071	E16	CE 14x14	2.52	16	29	B4C	17856	0.615	0.858	1.002	1.076	1.106	1.116	1.118	1.116	1.114	1.113	1.112	1.110	1.103	1.084	1.040	0.951	0.785	0.572
Maine Yankee	EF009W	F8	CE 14x14	2.88	8	15.5	B4C	17894	0.601	0.876	1.018	1.089	1.117	1.126	1.127	1.124	1.121	1.119	1.117	1.114	1.106	1.087	1.043	0.955	0.788	0.470
Maine Yankee	T844	T8	CE 14x14	3.90	8	31.4	B4C	17932	0.675	0.934	1.043	1.082	1.093	1.094	1.092	1.088	1.084	1.080	1.075	1.070	1.063	1.052	1.028	0.975	0.852	0.620
Maine Yankee	EF0073	E16	CE 14x14	2.51	16	29	B4C	18113	0.623	0.864	1.007	1.081	1.111	1.121	1.122	1.120	1.117	1.116	1.114	1.112	1.104	1.084	1.038	0.945	0.778	0.544
Maine Yankee	Q464	Q4	CE 14x14	3.69	4	31.4	B4C	18173	0.659	0.936	1.040	1.074	1.081	1.081	1.078	1.075	1.073	1.070	1.069	1.067	1.065	1.059	1.045	1.002	0.889	0.640
Maine Yankee	L012	L0	CE 14x14	3.29	0			18190	0.599	0.909	1.034	1.080	1.093	1.096	1.095	1.094	1.092	1.090	1.088	1.086	1.083	1.075	1.054	0.998	0.864	0.570
Maine Yankee	EF004Y	D0	CE 14x14	1.95	0			18210	0.589	0.869	1.004	1.072	1.099	1.109	1.111	1.111	1.110	1.111	1.112	1.112	1.107	1.091	1.053	0.971	0.818	0.551
Maine Yankee	N863	N8	CE 14x14	3.30	8	23.8	B4C	18287	0.661	0.928	1.030	1.082	1.087	1.087	1.085	1.084	1.084	1.084	1.086	1.087	1.070	1.070	1.083	1.025	0.911	0.657
Maine Yankee	EF004S	D0	CE 14x14	1.95	0			18339	0.588	0.867	1.002	1.089	1.098	1.108	1.108	1.108	1.108	1.109	1.110	1.110	1.108	1.091	1.054	0.975	0.829	0.584
Maine Yankee	Q441	Q4	CE 14x14	3.69	4	31.4	B4C	18339	0.661	0.936	1.035	1.065	1.070	1.070	1.068	1.066	1.065	1.065	1.065	1.065	1.066	1.064	1.055	1.018	0.909	0.657
Maine Yankee	S428	S4	CE 14x14	3.70	4	31.4	B4C	18339	0.667	0.939	1.041	1.075	1.083	1.084	1.082	1.079	1.076	1.073	1.070	1.067	1.063	1.056	1.039	0.994	0.880	0.631
Maine Yankee	Q868	Q8	CE 14x14	3.70	8	31.4	B4C	18362	0.669	0.932	1.039	1.077	1.085	1.085	1.082	1.078	1.075	1.072	1.070	1.067	1.064	1.057	1.040	0.992	0.876	0.642
Maine Yankee	EF004M	D0	CE 14x14	1.95	0			18388	0.588	0.867	1.001	1.088	1.095	1.105	1.106	1.108	1.106	1.106	1.110	1.110	1.106	1.091	1.055	0.976	0.830	0.586
Maine Yankee	N855	N8	CE 14x14	3.30	8	23.8	B4C	18416	0.662	0.927	1.029	1.082	1.089	1.089	1.088	1.088	1.088	1.088	1.089	1.070	1.071	1.070	1.059	1.018	0.902	0.651
Maine Yankee	S864	S8	CE 14x14	3.70	8	31.4	B4C	18420	0.664	0.938	1.038	1.071	1.078	1.078	1.077	1.074	1.072	1.070	1.067	1.065	1.062	1.056	1.040	0.997	0.884	0.650
Maine Yankee	EF004Z	D0	CE 14x14	1.95	0			18441	0.587	0.867	1.000	1.086	1.094	1.103	1.106	1.108	1.106	1.107	1.109	1.110	1.107	1.093	1.057	0.980	0.834	0.588
Maine Yankee	S860	S8	CE 14x14	3.70	8	31.4	B4C	18466	0.662	0.940	1.032	1.081	1.087	1.088	1.087	1.086	1.085	1.084	1.083	1.082	1.081	1.058	1.047	1.010	0.904	0.674
Maine Yankee	U35	U24	CE 14x14	3.73	24	3	ZrB2,	18474	0.592	0.927	1.034	1.074	1.084	1.085	1.084	1.083	1.082	1.082	1.082	1.082	1.082	1.077	1.062	1.013	0.886	0.582
Maine Yankee	EF0055	D0	CE 14x14	1.95	0			18482	0.588	0.866	1.002	1.086	1.095	1.105	1.107	1.107	1.108	1.106	1.110	1.110	1.107	1.092	1.056	0.977	0.829	0.583
Maine Yankee	Q436	Q4	CE 14x14	3.69	4	31.4	B4C	18484	0.664	0.939	1.039	1.070	1.075	1.075	1.073	1.070	1.068	1.067	1.066	1.065	1.064	1.060	1.048	1.009	0.889	0.650
Maine Yankee	EF005K	D0	CE 14x14	1.95	0			18489	0.594	0.876	1.011	1.077	1.104	1.114	1.116	1.116	1.116	1.118	1.120	1.122	1.119	1.106	1.070	0.988	0.812	0.422
Maine Yankee	S446	S4	CE 14x14	3.71	4	31.4	B4C	18492	0.674	0.942	1.036	1.064	1.070	1.070	1.069	1.068	1.067	1.066	1.065	1.064	1.063	1.060	1.049	1.012	0.904	0.656
Maine Yankee	N837	N8	CE 14x14	3.30	8	23.8	B4C	18496	0.664	0.928	1.028	1.059	1.066	1.066	1.066	1.065	1.065	1.066	1.067	1.069	1.071	1.070	1.061	1.022	0.906	0.657
Maine Yankee	S858	S8	CE 14x14	3.70	8	31.4	B4C	18556	0.665	0.936	1.034	1.066	1.073	1.074	1.073	1.072	1.070	1.068	1.067	1.065	1.063	1.058	1.044	1.002	0.891	0.659
Maine Yankee	EF004T	D0	CE 14x14	1.95	0			18580	0.588	0.867	1.000	1.086	1.093	1.103	1.105	1.105	1.106	1.107	1.109	1.110	1.107	1.093	1.058	0.981	0.836	0.589
Maine Yankee	EF0056	D0	CE 14x14	1.95	0			18627	0.588	0.867	1.001	1.086	1.093	1.103	1.105	1.105	1.106	1.107	1.109	1.110	1.107	1.094	1.059	0.981	0.834	0.586
Maine Yankee	EF0050	D0	CE 14x14	1.95	0			18631	0.588	0.868	1.001	1.087	1.094	1.103	1.106	1.106	1.106	1.108	1.110	1.111	1.108	1.095	1.060	0.981	0.830	0.588
Maine Yankee	EF006T	E16	CE 14x14	2.52	16	29	B4C	18662	0.620	0.862	1.003	1.078	1.106	1.116	1.118	1.116	1.114	1.113	1.112	1.110	1.103	1.084	1.040	0.950	0.792	0.566
Maine Yankee	H141	I0	CE 14x14	3.03	0			18713	0.614	0.923	1.036	1.071	1.078	1.079	1.078	1.078	1.077	1.077	1.076	1.076	1.076	1.074	1.064	1.023	0.889	0.600
Maine Yankee	Q433	Q4	CE 14x14	3.69	4	31.4	B4C	18723	0.661	0.938	1.040	1.072	1.079	1.078	1.076	1.073	1.071	1.069	1.067	1.066	1.064	1.060	1.048	1.004	0.893	0.644
Maine Yankee	N862	N8	CE 14x14	3.30	8	23.8	B4C	18749	0.663	0.929	1.032	1.066	1.074	1.075	1.074	1.072	1.071	1.071	1.071	1.071	1.070	1.066	1.053	1.009	0.892	0.642
Maine Yankee	N846	N8	CE 14x14	3.30	8	23.8	B4C	18941	0.662	0.927	1.031	1.066	1.075	1.076	1.075	1.074	1.073	1.072	1.072	1.071	1.070	1.066	1.051	1.006	0.889	0.642
Maine Yankee	U56	U48	CE 14x14	3.73	48	3	ZrB2,	18955	0.591	0.930	1.035	1.079	1.091	1.092	1.090	1.088	1.086	1.085	1.084	1.083	1.081	1.074	1.054	1.000	0.885	0.571
Maine Yankee	H123	I0	CE 14x14	3.04	0			19068	0.614	0.919	1.033	1.070	1.080	1.082	1.083	1.082	1.082	1.081	1.080	1.079	1.078	1.073	1.059	1.015	0.891	0.598
Maine Yankee	U36	U24	CE 14x14	3.74	24	3	ZrB2,	19258	0.573	0.920	1.045	1.093	1.108	1.107	1.104	1.100	1.097	1.093	1.090	1.087	1.082	1.072	1.048	0.987	0.855	0.540
Maine Yankee	U68	U48	CE 14x14	3.75	48	3	ZrB2,	19295	0.608	0.945	1.038	1.075	1.082	1.082	1.080	1.078	1.077	1.076	1.075	1.075	1.075	1.070	1.056	1.009	0.905	0.593
Maine Yankee	EF00AA	F12	CE 14x14	2.88	12	15.5	B4C	19310	0.607	0.874	1.014	1.084	1.112	1.120	1.120	1.118	1.115	1.113	1.111	1.108	1.100	1.081	1.038	0.950	0.792	0.543
Maine Yankee	G125	H0	CE 14x14	3.08	0			19319	0.628	0.939	1.047	1.073	1.073	1.068	1.066	1.063	1.062	1.062	1.063	1.066	1.070	1.074	1.072	1.039	0.919	0.618
Maine Yankee	U44	U48	CE 14x14	3.73	48	3	ZrB2,	19481	0.588	0.930	1.040	1.088	1.100	1.101	1.098	1.095	1.091	1.089	1.086	1.084	1.080	1.070	1.047	0.988	0.868	0.557
Maine Yankee	EF0072	E16	CE 14x14	2.51	16	29	B4C	19488	0.622	0.885	1.004	1.075	1.104	1.114	1.116	1.114	1.113	1.113	1.112	1.111	1.105	1.087	1.044	0.954	0.792	0.556
Maine Yankee	H126	I0	CE 14x14	3.03	0			19563	0.614	0.921	1.036	1.076	1.088	1.090	1.090	1.089	1.087	1.085	1.083	1.081	1.077	1.069	1.051	1.003	0.875	0.585
Maine Yankee	EF0074	E16	CE 14x14	2.51	16	29	B4C	19764	0.617	0.861	0.998	1.069	1.098	1.108	1.110	1.109	1.109	1.109	1.110	1.109	1.104	1.087	1.047	0.982	0.810	0.584
Maine Yankee	R854	R8	CE 14x14	3.68	8	31.4	B4C	19869	0.664	0.937	1.030	1.058	1.083	1.084	1.083	1.082	1.083	1.083	1.084	1.086	1.087	1.086	1.058	1.018	0.909	0.570
Maine Yankee	EF006Z	E16	CE 14x14	2.52	16	29	B4C	19939	0.617	0.860	0.997	1.067	1.096	1.106	1.109	1.108	1.108	1.108	1.109	1.109	1.104	1.087	1.048	0.964	0.814	0.588
Maine Yankee	J047	J0	CE 14x14	3.00	0			20004	0.621	0.923	1.031	1.064	1.072	1.072	1.072	1.072	1.072	1.073	1.074	1.076	1.078	1.077	1.068	1.029	0.910	0.615
Maine Yankee	G136	H0	CE 14x14	3.03	0			20033	0.620	0.932	1.046	1.077	1.080	1.077	1.073	1.071	1.070	1.069	1.069	1.070	1.073	1.074	1.067	1.028	0.902	0.602
Maine Yankee	R438	R4	CE 14x14	3.68	4	31.4	B4C	20034	0.663	0.939	1.041	1.072	1.078	1.077	1.075	1.072	1.071	1.069	1.068	1.068	1.067	1.063	1.049	1.006	0.889	0.631
Maine Yankee	EF007B	E16	CE 14x14	2.52	16	29	B4C	20079	0.619	0.863	1.000	1.070	1.098	1.109	1.111	1.110	1.110	1.110	1.111	1.111	1.106	1.090	1.050	0.984	0.804	0.564
Maine Yankee	R871	R8	CE 14x14	3.68	8	31.4	B4C	20120	0.660	0.935	1.032	1.062	1.086	1.088	1.087	1.086	1.085	1.085	1.086	1.087	1.088	1.086	1.054	1.013	0.900	0.658
Maine Yankee	H108	I0	CE 14x14	3.04	0			20127	0.618	0.922	1.035	1.072	1.081	1.084	1.084	1.083	1.082	1.082	1.081	1.080	1.078	1.073	1.058	1.011	0.884	0.582
Maine Yankee	EF006G	E16	CE 14x14	2.52	16	29	B4C	20273	0.616	0.860	0.996	1.065	1.094	1.104	1.106	1.108	1.108	1.107	1.108	1.109	1.105	1.089	1.051	0.989	0.819	0.590
Maine Yankee	J002	J0	CE 14x14	3.00	0			20296	0.623	0.928	1.035	1.066	1.072	1.071	1.070	1.069	1.069	1.070	1.072	1.074	1.077	1.078	1.070	1.032	0.910	0.614
Maine Yankee	R858	R8	CE 14x14	3.68	8	31.4	B4C	20304	0.677	0.936	1.037	1.069	1.075	1.074	1.072	1.070	1.069	1.068	1.066	1.067	1.067	1.063	1.049	1.006	0.888	0.645
Maine Yankee	EF006B	E16	CE 14x14	2.51	16	29	B4C	20341	0.616	0.860	0.995	1.064	1.092	1.102	1.105	1.105	1.105	1.106	1.107	1.108	1.104	1.090	1.052	0.972	0.823	0.594
Maine Yankee	H117	I0	CE 14x14	3.04	0			20379	0.619	0.924	1.035	1.069	1.076	1.077	1.077	1.076	1.076	1.076	1.075	1.075	1.075	1.073	1.063	1.024	0.902	0.607
Maine Yankee	EF006A	E16	CE 14x14	2.53	16	29	B4C	20422	0.616	0.860	0.995	1.063	1.091	1.102	1.104	1.104	1.104	1.105	1.107	1.109	1.105	1.091	1.054	0.973	0.824	0.594
Maine Yankee	EF007E	E16	CE 14x14	2.51	16	29	B4C	20468	0.616	0.860	0.995	1.063	1.091	1.101	1.103	1.103	1.104	1.105	1.107	1.108	1.105	1.091	1.055	0.975	0.825	0.593
Maine Yankee	EF007D	E16	CE 14x14	2.52	16	29	B4C	20486	0.617	0.862	0.998	1.065	1.093	1.103	1.105	1.105	1.106	1.107	1.109	1.111	1.108	1.094	1.057	0.975	0.814	0.589
Maine Yankee	R447	R4	CE 14x14	3.68	4	31.4	B4C	20487	0.672	0.942	1.035	1.061	1.065	1.065	1.064	1.063	1.063	1.063	1.064	1.066	1.067	1.066	1.067	1.021	0.911	0.655
Maine Yankee	R439	R4	CE 14x14	3.68	4	31.4	B4C	20756	0.670	0.941	1.036	1.064	1.069	1.068	1.067	1.065	1.065	1.065	1.066	1.067	1.067	1.066	1.055	1.017	0.905	0.649
Maine Yankee	G117	H0	CE 14x14	3.03	0			20820	0.612	0.924	1.044	1.083	1.092	1.091	1.089	1.086	1.084	1.082	1.080	1.079	1.077	1.073	1.056	1.005	0.869	0.573
Maine Yankee	J044	J0	CE 14x14	3.00	0			21252	0.620	0.923	1.037	1.076	1.086	1.087	1.086	1.084	1.082	1.081	1.080	1.080	1.078	1.072	1.054	1.005	0.878	0.591
Maine Yankee	G121	H0	CE 14x14	3.03	0			21305	0.628	0.938	1.047	1.074	1.075	1.071	1.068	1.066	1.065	1.064	1.065	1.067	1.071	1.074	1.070	1.034	0.912	0.611
Maine Yankee	K047	K0	CE 14x14	3.00	0			21439	0.613	0.919	1.038	1.082	1.094	1.096	1.095	1.092	1.089	1.087	1.085	1.083	1.079	1.070	1.049	0.994	0.862	0.573
Maine Yankee	J043	J0	CE 14x14	3.00	0			21483	0.623	0.923	1.032	1.068	1.077	1.078	1.077	1.077	1.076	1.076	1.077	1.078	1.078	1.075	1.062	1.019	0.898	0.607
Maine Yankee	G205	G0	CE 14x14	2.75	0			21659	0.629	0.938	1.045	1.073	1.074	1.071	1.068	1.067	1.067	1.067	1.069	1.071	1.075	1.078	1.072	1.033	0.904	0.601

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Maine Yankee	K044	K0	CE 14x14	3.00	0			21741	0.611	0.918	1.040	1.085	1.098	1.100	1.096	1.095	1.092	1.089	1.086	1.083	1.078	1.069	1.046	0.989	0.855	0.568
Maine Yankee	H145	I0	CE 14x14	3.02	0			21811	0.617	0.924	1.040	1.080	1.091	1.093	1.092	1.090	1.088	1.085	1.082	1.079	1.075	1.067	1.048	0.998	0.869	0.580
Maine Yankee	G133	H0	CE 14x14	3.04	0			21930	0.619	0.928	1.044	1.081	1.088	1.087	1.084	1.082	1.079	1.078	1.076	1.076	1.075	1.071	1.057	1.010	0.880	0.586
Maine Yankee	J045	J0	CE 14x14	3.00	0			22132	0.624	0.925	1.032	1.085	1.072	1.073	1.073	1.072	1.072	1.073	1.074	1.075	1.077	1.076	1.066	1.027	0.909	0.616
Maine Yankee	G215	G0	CE 14x14	2.74	0			22133	0.629	0.938	1.050	1.080	1.083	1.079	1.076	1.073	1.072	1.071	1.071	1.071	1.073	1.073	1.063	1.019	0.899	0.590
Maine Yankee	G116	H0	CE 14x14	3.04	0			22260	0.625	0.934	1.045	1.075	1.078	1.075	1.072	1.070	1.068	1.068	1.066	1.069	1.072	1.073	1.067	1.029	0.906	0.606
Maine Yankee	K043	K0	CE 14x14	3.00	0			22896	0.624	0.923	1.033	1.080	1.078	1.079	1.079	1.078	1.078	1.078	1.078	1.078	1.078	1.074	1.061	1.016	0.893	0.604
Maine Yankee	EF008Z	F0	CE 14x14	2.90	0			22975	0.603	0.908	1.031	1.077	1.091	1.093	1.092	1.091	1.090	1.089	1.088	1.087	1.085	1.078	1.057	1.000	0.865	0.575
Maine Yankee	EF0091	F0	CE 14x14	2.90	0			23140	0.607	0.911	1.032	1.077	1.089	1.091	1.090	1.088	1.087	1.087	1.086	1.086	1.084	1.078	1.058	1.002	0.868	0.578
Maine Yankee	J046	J0	CE 14x14	3.00	0			23218	0.623	0.928	1.038	1.076	1.086	1.087	1.086	1.084	1.082	1.081	1.080	1.078	1.076	1.070	1.052	1.004	0.879	0.592
Maine Yankee	EF008X	F0	CE 14x14	2.89	0			23290	0.609	0.911	1.031	1.074	1.086	1.088	1.088	1.087	1.086	1.086	1.086	1.087	1.086	1.081	1.062	1.007	0.869	0.574
Maine Yankee	H206	I4	CE 14x14	3.02	4	19.6	B4C	23364	0.642	0.935	1.042	1.074	1.079	1.079	1.077	1.076	1.075	1.074	1.073	1.072	1.072	1.069	1.056	1.013	0.887	0.607
Maine Yankee	G202	G0	CE 14x14	2.73	0			23444	0.619	0.927	1.043	1.080	1.087	1.086	1.084	1.081	1.079	1.078	1.076	1.076	1.075	1.071	1.057	1.010	0.882	0.589
Maine Yankee	M415	M4	CE 14x14	3.31	4	23.8	B4C	23539	0.627	0.914	1.032	1.075	1.087	1.089	1.088	1.086	1.084	1.083	1.082	1.081	1.078	1.071	1.052	1.000	0.871	0.600
Maine Yankee	H111	I0	CE 14x14	3.04	0			23575	0.620	0.926	1.043	1.084	1.094	1.095	1.094	1.091	1.088	1.085	1.081	1.078	1.073	1.066	1.046	0.995	0.865	0.578
Maine Yankee	EF008V	F0	CE 14x14	2.89	0			23854	0.610	0.911	1.030	1.074	1.087	1.089	1.088	1.087	1.086	1.086	1.086	1.086	1.085	1.079	1.060	1.006	0.871	0.579
Maine Yankee	H205	I4	CE 14x14	3.04	4	19.6	B4C	24013	0.633	0.925	1.036	1.073	1.083	1.085	1.084	1.083	1.081	1.079	1.078	1.076	1.073	1.066	1.052	1.006	0.882	0.603
Maine Yankee	G307	G42	CE 14x14	2.74	4	17.4	B4C	24065	0.645	0.941	1.046	1.074	1.075	1.072	1.069	1.067	1.066	1.066	1.066	1.067	1.069	1.071	1.065	1.026	0.901	0.614
Maine Yankee	K048	K0	CE 14x14	3.00	0			24179	0.619	0.922	1.040	1.082	1.095	1.096	1.095	1.092	1.089	1.087	1.084	1.081	1.077	1.068	1.046	0.991	0.861	0.578
Maine Yankee	K040	K0	CE 14x14	3.00	0			24196	0.628	0.926	1.035	1.071	1.080	1.081	1.080	1.079	1.078	1.078	1.077	1.077	1.076	1.072	1.057	1.012	0.880	0.603
Maine Yankee	G305	G42	CE 14x14	2.73	4	17.4	B4C	24279	0.628	0.929	1.045	1.082	1.089	1.088	1.085	1.083	1.081	1.079	1.078	1.077	1.077	1.074	1.060	1.011	0.863	0.571
Maine Yankee	G404	G41	CE 14x14	2.75	4	8.7	B4C	24327	0.640	0.942	1.047	1.074	1.075	1.071	1.068	1.066	1.065	1.065	1.065	1.067	1.070	1.073	1.068	1.029	0.904	0.610
Maine Yankee	J046	J0	CE 14x14	3.00	0			24378	0.629	0.928	1.034	1.068	1.076	1.078	1.077	1.076	1.075	1.075	1.075	1.075	1.075	1.072	1.059	1.017	0.898	0.611
Maine Yankee	H251	I4	CE 14x14	3.03	4	19.6	B4C	24812	0.634	0.926	1.042	1.082	1.094	1.096	1.095	1.093	1.091	1.089	1.086	1.083	1.079	1.069	1.046	0.989	0.844	0.580
Maine Yankee	EF0092	F0	CE 14x14	2.90	0			25189	0.601	0.901	1.028	1.080	1.097	1.102	1.101	1.100	1.098	1.096	1.095	1.093	1.089	1.077	1.050	0.985	0.845	0.580
Maine Yankee	L003	L0	CE 14x14	3.29	0			25283	0.636	0.932	1.033	1.064	1.071	1.072	1.071	1.071	1.071	1.071	1.071	1.072	1.073	1.072	1.062	1.024	0.910	0.624
Maine Yankee	EF0094	F0	CE 14x14	2.88	0			25415	0.614	0.910	1.028	1.073	1.086	1.088	1.087	1.086	1.085	1.085	1.085	1.085	1.084	1.078	1.058	1.004	0.874	0.591
Maine Yankee	H220	I4	CE 14x14	3.03	4	19.6	B4C	25437	0.642	0.934	1.043	1.079	1.086	1.087	1.085	1.083	1.080	1.078	1.076	1.073	1.071	1.065	1.049	1.001	0.873	0.586
Maine Yankee	J871	J8	CE 14x14	3.00	8	23.8	B4C	25586	0.633	0.915	1.034	1.078	1.092	1.095	1.094	1.091	1.089	1.086	1.084	1.081	1.077	1.067	1.045	0.989	0.858	0.593
Maine Yankee	L012	L0	CE 14x14	3.29	0			26035	0.618	0.915	1.029	1.071	1.084	1.086	1.086	1.085	1.084	1.083	1.083	1.082	1.080	1.074	1.056	1.007	0.882	0.597
Maine Yankee	J853	J8	CE 14x14	3.00	8	23.8	B4C	26063	0.648	0.923	1.031	1.070	1.082	1.085	1.085	1.083	1.082	1.081	1.079	1.078	1.074	1.067	1.048	0.996	0.874	0.613
Maine Yankee	K871	K8	CE 14x14	3.00	8	23.8	B4C	26067	0.633	0.915	1.036	1.082	1.095	1.097	1.096	1.093	1.090	1.087	1.084	1.082	1.077	1.067	1.044	0.985	0.851	0.586
Maine Yankee	K039	K0	CE 14x14	3.00	0			26264	0.633	0.929	1.035	1.069	1.077	1.078	1.077	1.076	1.076	1.075	1.075	1.075	1.075	1.072	1.058	1.015	0.894	0.609
Maine Yankee	J449	J4	CE 14x14	3.00	4	23.8	B4C	26356	0.637	0.926	1.034	1.070	1.079	1.080	1.079	1.078	1.077	1.076	1.076	1.076	1.074	1.070	1.056	1.011	0.889	0.610
Maine Yankee	K855	K8	CE 14x14	3.00	8	23.8	B4C	26415	0.643	0.921	1.034	1.076	1.088	1.090	1.089	1.087	1.085	1.083	1.081	1.079	1.076	1.066	1.047	0.993	0.865	0.596
Maine Yankee	M426	M4	CE 14x14	3.31	4	23.8	B4C	26575	0.636	0.919	1.032	1.074	1.087	1.089	1.088	1.086	1.084	1.082	1.080	1.079	1.075	1.066	1.048	0.996	0.872	0.606
Maine Yankee	J872	J8	CE 14x14	3.00	8	23.8	B4C	26903	0.646	0.922	1.033	1.074	1.087	1.090	1.090	1.088	1.086	1.084	1.081	1.079	1.074	1.064	1.043	0.990	0.865	0.604
Maine Yankee	K449	K4	CE 14x14	3.00	4	23.8	B4C	27041	0.639	0.925	1.033	1.069	1.078	1.079	1.078	1.077	1.076	1.076	1.076	1.076	1.076	1.073	1.059	1.013	0.887	0.611
Maine Yankee	K853	K8	CE 14x14	3.00	8	23.8	B4C	27143	0.650	0.923	1.029	1.065	1.074	1.075	1.075	1.074	1.074	1.074	1.075	1.075	1.075	1.072	1.058	1.013	0.892	0.628
Maine Yankee	L423	L4	CE 14x14	3.29	4	23.8	B4C	27306	0.648	0.929	1.032	1.068	1.075	1.076	1.075	1.074	1.074	1.073	1.073	1.073	1.072	1.068	1.055	1.013	0.897	0.627
Maine Yankee	P019	P0	CE 14x14	3.50	0			27485	0.641	0.933	1.035	1.068	1.075	1.075	1.074	1.073	1.072	1.071	1.071	1.071	1.070	1.067	1.065	1.016	0.903	0.630
Maine Yankee	EF007X	E16	CE 14x14	2.52	16	29	B4C	27825	0.654	0.910	1.023	1.069	1.084	1.087	1.088	1.088	1.089	1.090	1.092	1.094	1.094	1.086	1.080	0.992	0.831	0.570
Maine Yankee	K872	K8	CE 14x14	3.00	8	23.8	B4C	27960	0.657	0.929	1.029	1.061	1.068	1.068	1.068	1.068	1.068	1.069	1.070	1.072	1.073	1.072	1.061	1.021	0.905	0.640
Maine Yankee	EF00AB	F12	CE 14x14	2.88	12	15.5	B4C	28035	0.627	0.907	1.025	1.070	1.084	1.087	1.086	1.085	1.085	1.085	1.085	1.085	1.084	1.078	1.057	1.001	0.870	0.601
Maine Yankee	EF0073	E16	CE 14x14	2.51	16	29	B4C	28388	0.652	0.907	1.019	1.084	1.078	1.081	1.081	1.081	1.081	1.082	1.083	1.085	1.085	1.080	1.059	1.002	0.868	0.611
Maine Yankee	L854	L8	CE 14x14	3.29	8	23.8	B4C	28433	0.648	0.925	1.035	1.075	1.086	1.087	1.086	1.084	1.081	1.079	1.077	1.075	1.072	1.065	1.048	0.996	0.872	0.611
Maine Yankee	L419	L4	CE 14x14	3.29	4	23.8	B4C	28465	0.651	0.932	1.034	1.068	1.076	1.077	1.076	1.075	1.074	1.073	1.072	1.072	1.071	1.067	1.054	1.011	0.886	0.620
Maine Yankee	R027	R0	CE 14x14	3.69	0			28482	0.655	0.938	1.032	1.060	1.086	1.087	1.086	1.086	1.086	1.087	1.087	1.088	1.089	1.087	1.058	1.024	0.917	0.647
Maine Yankee	EF008T	E16	CE 14x14	2.52	16	29	B4C	28516	0.637	0.897	1.018	1.071	1.090	1.095	1.095	1.093	1.092	1.091	1.091	1.090	1.087	1.076	1.049	0.984	0.847	0.587
Maine Yankee	L850	L8	CE 14x14	3.29	8	23.8	B4C	28530	0.657	0.936	1.031	1.063	1.070	1.070	1.070	1.069	1.069	1.069	1.070	1.070	1.071	1.069	1.059	1.019	0.905	0.641
Maine Yankee	J048	J0	CE 14x14	3.00	0			28613	0.627	0.923	1.034	1.073	1.084	1.086	1.085	1.084	1.082	1.081	1.080	1.079	1.077	1.070	1.053	1.004	0.881	0.597
Maine Yankee	EF008J	E16	CE 14x14	2.51	16	29	B4C	28644	0.641	0.896	1.012	1.062	1.080	1.087	1.088	1.088	1.088	1.089	1.089	1.089	1.087	1.077	1.053	0.994	0.865	0.614
Maine Yankee	N001	N0	CE 14x14	3.31	0			28663	0.649	0.935	1.033	1.063	1.070	1.071	1.071	1.070	1.070	1.070	1.070	1.070	1.070	1.068	1.057	1.019	0.909	0.636
Maine Yankee	N409	N4	CE 14x14	3.31	4	23.8	B4C	28710	0.656	0.931	1.030	1.062	1.070	1.072	1.071	1.071	1.070	1.070	1.071	1.071	1.070	1.067	1.055	1.015	0.904	0.642
Maine Yankee	T006	T0	CE 14x14	3.92	0			28751	0.629	0.923	1.033	1.071	1.081	1.083	1.082	1.081	1.080	1.079	1.078	1.078	1.076	1.070	1.054	1.008	0.886	0.606
Maine Yankee	S020	S0	CE 14x14	3.70	0			28770	0.645	0.936	1.044	1.082	1.092	1.093	1.090	1.087	1.084	1.080	1.077	1.073	1.066	1.058	1.038	0.988	0.867	0.599
Maine Yankee	N413	N4	CE 14x14	3.30	4	23.8	B4C	28824	0.645	0.928	1.035	1.072	1.083	1.084	1.083	1.081	1.079	1.078	1.076	1.075	1.072	1.066	1.049	1.001	0.881	0.616
Maine Yankee	P002	P0	CE 14x14	3.51	0			28834	0.637	0.931	1.041	1.078	1.088	1.088	1.086	1.083	1.080	1.077	1.075	1.073	1.069	1.062	1.045	0.998	0.879	0.609
Maine Yankee	M008	M0	CE 14x14	3.30	0			28842	0.635	0.926	1.036	1.075	1.085	1.088	1.085	1.083	1.081	1.079	1.078	1.076	1.074	1.068	1.050	1.001	0.879	0.604
Maine Yankee	EF008Y	F8	CE 14x14	2.88	8	15.5	B4C	28866	0.624	0.903	1.024	1.074	1.091	1.095	1.095	1.093	1.092	1.091	1.090	1.089	1.086	1.076	1.050	0.988	0.852	0.586
Maine Yankee	T007	T0	CE 14x14	3.92	0			29047	0.638	0.927	1.032	1.067	1.076	1.078	1.077	1.076	1.075	1.075	1.075	1.075	1.074	1.070	1.056	1.013	0.895	0.619
Maine Yankee	EF009W	F8	CE 14x14	2.88	8	15.5	B4C	29068	0.632	0.911	1.027	1.073	1.088	1.091	1.091	1.090	1.089	1.088	1.088	1.088	1.086	1.079	1.056	0.989	0.853	0.580
Maine Yankee	R013	R0	CE 14x14	3.68	0			29196	0.656	0.939	1.034	1.061	1.067	1.067	1.067	1.066	1.066	1.066	1.067	1.067	1.068	1.066	1.057	1.024	0.916	0.646
Maine Yankee	EF0071	E16	CE 14x14	2.52	16	29	B4C	29335	0.636	0.900	1.023	1.076	1.094	1.099	1.099	1.098	1.097	1.096	1.096	1.095	1.091	1.081	1.053	0.984	0.820	0.563
Maine Yankee	P009	P0	CE 14x14	3.50	0			29355	0.646	0.935	1.036	1.067	1.074	1.075	1.073	1.072	1.071	1.070	1.070	1.070	1.069	1.066	1.054	1.015	0.904	0.633
Maine Yankee	L835	L8	CE 14x14	3.29	8	23.8	B4C	29399	0.669	0.937	1.028	1.054	1.060	1.060	1.061	1.061	1.062	1.063	1.065	1.067	1.069	1.069	1.062	1.030	0.924	0.661
Maine Yankee	L838	L8	CE 14x14	3.29	8	23.8	B4C	29411	0.668	0.934	1.025	1.051	1.055	1.056	1.056	1.057	1.058	1.060	1.063	1.066	1.070	1.073	1.069	1.038	0.933	0.669

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Maine Yankee	P024	P0	CE 14x14	3.50	0			29414	0.647	0.935	1.037	1.070	1.078	1.079	1.077	1.076	1.074	1.073	1.071	1.070	1.069	1.064	1.050	1.006	0.896	0.628
Maine Yankee	EF0087	E16	CE 14x14	2.52	16	29	B4C	29465	0.649	0.904	1.015	1.060	1.075	1.079	1.079	1.079	1.079	1.081	1.083	1.085	1.086	1.081	1.061	1.007	0.874	0.624
Maine Yankee	LT71	L12	CE 14x14	3.29	12	23.8	B4C	29486	0.670	0.932	1.026	1.056	1.063	1.065	1.065	1.065	1.066	1.067	1.068	1.069	1.070	1.069	1.059	1.023	0.913	0.653
Maine Yankee	S006	S0	CE 14x14	3.70	0			29641	0.653	0.938	1.037	1.068	1.076	1.077	1.076	1.075	1.073	1.072	1.071	1.070	1.068	1.063	1.049	1.009	0.896	0.630
Maine Yankee	EF0072	E16	CE 14x14	2.51	16	29	B4C	29646	0.651	0.908	1.017	1.062	1.077	1.081	1.081	1.081	1.081	1.082	1.083	1.085	1.084	1.079	1.058	1.002	0.873	0.618
Maine Yankee	EF006Z	E16	CE 14x14	2.52	16	29	B4C	29724	0.640	0.896	1.015	1.065	1.082	1.086	1.087	1.088	1.086	1.086	1.087	1.088	1.086	1.078	1.054	0.994	0.863	0.616
Maine Yankee	P446	P4	CE 14x14	3.50	4	31.4	B4C	29814	0.656	0.933	1.038	1.074	1.083	1.084	1.082	1.079	1.077	1.074	1.072	1.070	1.067	1.060	1.043	0.996	0.883	0.629
Maine Yankee	S443	S4	CE 14x14	3.70	4	31.4	B4C	29872	0.667	0.936	1.033	1.064	1.072	1.073	1.073	1.072	1.071	1.070	1.069	1.068	1.067	1.062	1.049	1.009	0.899	0.646
Maine Yankee	EF0074	E16	CE 14x14	2.51	16	29	B4C	29887	0.630	0.892	1.016	1.071	1.090	1.096	1.096	1.095	1.094	1.094	1.094	1.094	1.091	1.080	1.051	0.983	0.842	0.593
Maine Yankee	Q009	Q0	CE 14x14	3.69	0			29911	0.643	0.935	1.040	1.073	1.081	1.081	1.079	1.076	1.074	1.073	1.072	1.071	1.069	1.065	1.050	1.008	0.892	0.619
Maine Yankee	M421	M4	CE 14x14	3.31	4	23.8	B4C	29953	0.653	0.929	1.028	1.061	1.069	1.070	1.070	1.070	1.069	1.070	1.070	1.071	1.072	1.069	1.058	1.019	0.908	0.643
Maine Yankee	EF006G	E16	CE 14x14	2.52	16	29	B4C	30008	0.634	0.895	1.017	1.069	1.088	1.093	1.093	1.092	1.091	1.091	1.091	1.091	1.089	1.079	1.052	0.996	0.848	0.600
Maine Yankee	G134	H0	CE 14x14	3.03	0			30029	0.640	0.935	1.034	1.062	1.066	1.066	1.066	1.066	1.066	1.066	1.067	1.069	1.070	1.072	1.066	1.033	0.922	0.634
Maine Yankee	S012	S0	CE 14x14	3.70	0			30084	0.658	0.940	1.039	1.072	1.081	1.082	1.081	1.079	1.077	1.074	1.072	1.070	1.066	1.058	1.042	0.999	0.887	0.624
Maine Yankee	M427	M4	CE 14x14	3.30	4	23.8	B4C	30106	0.656	0.931	1.028	1.059	1.067	1.068	1.068	1.068	1.068	1.068	1.069	1.070	1.071	1.069	1.059	1.021	0.912	0.647
Maine Yankee	G125	H0	CE 14x14	3.06	0			30234	0.642	0.935	1.035	1.064	1.070	1.070	1.069	1.069	1.068	1.068	1.068	1.069	1.070	1.069	1.062	1.027	0.915	0.629
Maine Yankee	L833	L8	CE 14x14	3.29	8	23.8	B4C	30348	0.656	0.930	1.034	1.070	1.079	1.080	1.079	1.078	1.076	1.075	1.074	1.072	1.070	1.064	1.048	1.002	0.885	0.625
Maine Yankee	EF00AA	F12	CE 14x14	2.88	12	15.5	B4C	30376	0.626	0.902	1.024	1.077	1.095	1.099	1.099	1.097	1.095	1.094	1.093	1.091	1.087	1.076	1.047	0.980	0.840	0.577
Maine Yankee	EF007B	E16	CE 14x14	2.52	16	29	B4C	30478	0.649	0.909	1.025	1.074	1.090	1.094	1.094	1.094	1.093	1.093	1.094	1.095	1.093	1.082	1.054	0.993	0.823	0.560
Maine Yankee	EF007D	E16	CE 14x14	2.52	16	29	B4C	30553	0.648	0.903	1.012	1.055	1.069	1.073	1.073	1.074	1.075	1.077	1.080	1.083	1.084	1.081	1.065	1.014	0.893	0.643
Maine Yankee	EF0076	E16	CE 14x14	2.51	16	29	B4C	30558	0.646	0.902	1.014	1.059	1.074	1.078	1.079	1.079	1.079	1.081	1.083	1.085	1.086	1.081	1.061	1.006	0.878	0.629
Maine Yankee	S431	S4	CE 14x14	3.70	4	31.4	B4C	30573	0.660	0.935	1.041	1.078	1.088	1.089	1.087	1.084	1.081	1.078	1.075	1.071	1.066	1.057	1.037	0.988	0.869	0.616
Maine Yankee	H141	I0	CE 14x14	3.03	0			30616	0.639	0.932	1.034	1.065	1.071	1.072	1.071	1.071	1.071	1.071	1.071	1.072	1.073	1.071	1.061	1.023	0.908	0.623
Maine Yankee	EF006B	E16	CE 14x14	2.51	16	29	B4C	30628	0.649	0.903	1.012	1.055	1.069	1.073	1.074	1.074	1.075	1.077	1.080	1.082	1.084	1.080	1.064	1.013	0.892	0.643
Maine Yankee	H126	I0	CE 14x14	3.03	0			30644	0.643	0.934	1.032	1.061	1.067	1.067	1.067	1.067	1.067	1.068	1.069	1.071	1.072	1.072	1.064	1.029	0.917	0.633
Maine Yankee	N426	N4	CE 14x14	3.30	4	23.8	B4C	30695	0.660	0.933	1.031	1.063	1.070	1.071	1.070	1.070	1.069	1.069	1.069	1.070	1.069	1.067	1.055	1.015	0.904	0.644
Maine Yankee	Q015	Q0	CE 14x14	3.69	0			30712	0.653	0.939	1.035	1.064	1.069	1.069	1.068	1.067	1.067	1.067	1.068	1.068	1.069	1.067	1.057	1.020	0.911	0.640
Maine Yankee	EF0070	E16	CE 14x14	2.52	16	29	B4C	30935	0.648	0.899	1.012	1.061	1.079	1.084	1.085	1.085	1.085	1.086	1.087	1.087	1.086	1.078	1.054	0.995	0.866	0.619
Maine Yankee	T868	T8	CE 14x14	3.91	8	31.4	B4C	30979	0.660	0.921	1.026	1.063	1.073	1.075	1.075	1.074	1.074	1.074	1.074	1.074	1.073	1.069	1.054	1.010	0.891	0.642
Maine Yankee	H123	I0	CE 14x14	3.04	0			31012	0.642	0.933	1.032	1.061	1.067	1.068	1.068	1.068	1.068	1.069	1.070	1.072	1.073	1.072	1.063	1.027	0.915	0.632
Maine Yankee	H108	I0	CE 14x14	3.04	0			31033	0.634	0.926	1.033	1.069	1.079	1.081	1.081	1.080	1.079	1.079	1.078	1.077	1.076	1.070	1.055	1.009	0.888	0.606
Maine Yankee	L012	L0	CE 14x14	3.29	0			31098	0.629	0.919	1.027	1.066	1.078	1.081	1.081	1.080	1.080	1.079	1.079	1.079	1.078	1.072	1.056	1.010	0.892	0.613
Maine Yankee	N867	N8	CE 14x14	3.30	8	23.8	B4C	31126	0.660	0.930	1.032	1.066	1.075	1.076	1.075	1.074	1.073	1.072	1.072	1.071	1.070	1.065	1.051	1.006	0.883	0.638
Maine Yankee	M846	M8	CE 14x14	3.30	8	23.8	B4C	31186	0.654	0.925	1.031	1.069	1.079	1.081	1.080	1.078	1.077	1.076	1.075	1.074	1.072	1.067	1.050	1.002	0.884	0.627
Maine Yankee	G117	H0	CE 14x14	3.03	0			31331	0.635	0.930	1.034	1.068	1.076	1.077	1.077	1.076	1.076	1.075	1.075	1.074	1.073	1.070	1.058	1.016	0.897	0.612
Maine Yankee	G205	G0	CE 14x14	2.75	0			31357	0.644	0.938	1.038	1.066	1.069	1.069	1.067	1.067	1.067	1.067	1.068	1.069	1.071	1.071	1.065	1.026	0.913	0.623
Maine Yankee	M842	M8	CE 14x14	3.30	8	23.8	B4C	31473	0.672	0.935	1.024	1.051	1.056	1.057	1.058	1.058	1.060	1.061	1.063	1.066	1.069	1.070	1.064	1.032	0.930	0.673
Maine Yankee	G136	H0	CE 14x14	3.03	0			31506	0.639	0.932	1.037	1.071	1.079	1.080	1.079	1.078	1.076	1.075	1.074	1.073	1.071	1.067	1.054	1.012	0.894	0.609
Maine Yankee	T432	T4	CE 14x14	3.91	4	31.4	B4C	31535	0.651	0.927	1.033	1.069	1.078	1.080	1.079	1.077	1.076	1.075	1.074	1.073	1.072	1.067	1.051	1.006	0.887	0.626
Maine Yankee	N863	N8	CE 14x14	3.30	8	23.8	B4C	31539	0.672	0.935	1.026	1.053	1.059	1.059	1.060	1.060	1.061	1.062	1.064	1.066	1.068	1.068	1.062	1.029	0.926	0.672
Maine Yankee	T424	T4	CE 14x14	3.91	4	31.4	B4C	31630	0.627	0.914	1.037	1.061	1.084	1.096	1.095	1.092	1.089	1.087	1.084	1.081	1.077	1.067	1.045	0.989	0.856	0.589
Maine Yankee	R014	R0	CE 14x14	3.68	0			31641	0.653	0.940	1.041	1.073	1.080	1.080	1.078	1.076	1.074	1.072	1.070	1.069	1.067	1.062	1.047	1.005	0.891	0.622
Maine Yankee	G121	H0	CE 14x14	3.03	0			31704	0.635	0.931	1.039	1.073	1.080	1.080	1.079	1.077	1.076	1.074	1.073	1.072	1.072	1.068	1.056	1.013	0.893	0.608
Maine Yankee	M869	M8	CE 14x14	3.31	8	23.8	B4C	31705	0.671	0.934	1.025	1.052	1.058	1.059	1.059	1.060	1.061	1.062	1.064	1.066	1.069	1.070	1.063	1.030	0.927	0.670
Maine Yankee	J047	J0	CE 14x14	3.00	0			31709	0.646	0.932	1.027	1.056	1.063	1.065	1.065	1.066	1.067	1.068	1.069	1.071	1.073	1.073	1.065	1.030	0.922	0.642
Maine Yankee	N837	N8	CE 14x14	3.30	8	23.8	B4C	31785	0.662	0.930	1.030	1.063	1.071	1.072	1.072	1.071	1.070	1.070	1.070	1.070	1.069	1.066	1.054	1.013	0.901	0.646
Maine Yankee	Q006	Q0	CE 14x14	3.69	0			31801	0.644	0.936	1.043	1.078	1.085	1.085	1.082	1.079	1.077	1.074	1.073	1.071	1.068	1.063	1.047	1.001	0.883	0.612
Maine Yankee	G215	G0	CE 14x14	2.74	0			31856	0.644	0.937	1.037	1.065	1.070	1.069	1.068	1.068	1.068	1.068	1.069	1.070	1.071	1.071	1.063	1.027	0.911	0.624
Maine Yankee	P872	P8	CE 14x14	3.50	8	31.4	B4C	31868	0.675	0.935	1.029	1.060	1.066	1.068	1.067	1.066	1.066	1.066	1.066	1.066	1.066	1.063	1.052	1.015	0.909	0.665
Maine Yankee	R005	R0	CE 14x14	3.69	0			31910	0.654	0.939	1.041	1.074	1.081	1.082	1.080	1.077	1.075	1.073	1.071	1.069	1.067	1.061	1.046	1.003	0.888	0.620
Maine Yankee	S446	S4	CE 14x14	3.71	4	31.4	B4C	31960	0.679	0.941	1.029	1.058	1.064	1.065	1.066	1.066	1.065	1.065	1.065	1.065	1.064	1.061	1.050	1.016	0.914	0.667
Maine Yankee	H117	I0	CE 14x14	3.04	0			31963	0.641	0.932	1.033	1.064	1.071	1.072	1.071	1.071	1.071	1.071	1.071	1.072	1.072	1.070	1.060	1.022	0.909	0.627
Maine Yankee	T852	T8	CE 14x14	3.69	8	31.4	B4C	31979	0.641	0.915	1.036	1.080	1.094	1.096	1.094	1.091	1.088	1.085	1.082	1.079	1.074	1.064	1.041	0.985	0.852	0.602
Maine Yankee	N851	N8	CE 14x14	3.30	8	23.8	B4C	31988	0.660	0.930	1.034	1.071	1.080	1.082	1.080	1.078	1.076	1.075	1.073	1.072	1.069	1.063	1.046	0.999	0.883	0.629
Maine Yankee	M864	M8	CE 14x14	3.30	8	23.8	B4C	32050	0.668	0.932	1.028	1.057	1.064	1.065	1.065	1.065	1.065	1.066	1.067	1.068	1.069	1.066	1.059	1.023	0.915	0.660
Maine Yankee	J002	J0	CE 14x14	3.00	0			32137	0.646	0.934	1.029	1.058	1.062	1.062	1.062	1.063	1.064	1.065	1.067	1.070	1.073	1.074	1.068	1.036	0.927	0.642
Maine Yankee	P868	P8	CE 14x14	3.49	8	31.4	B4C	32141	0.672	0.935	1.033	1.066	1.074	1.075	1.073	1.072	1.070	1.069	1.068	1.067	1.065	1.061	1.047	1.005	0.896	0.652
Maine Yankee	J872	J8	CE 14x14	3.00	8	23.8	B4C	32184	0.645	0.921	1.030	1.071	1.084	1.087	1.087	1.086	1.084	1.083	1.081	1.079	1.075	1.066	1.046	0.995	0.871	0.609
Maine Yankee	G116	H0	CE 14x14	3.04	0			32220	0.633	0.928	1.036	1.072	1.080	1.082	1.081	1.079	1.078	1.077	1.075	1.074	1.073	1.069	1.055	1.011	0.891	0.607
Maine Yankee	P439	P4	CE 14x14	3.50	4	31.4	B4C	32232	0.673	0.942	1.032	1.057	1.062	1.062	1.062	1.061	1.061	1.061	1.062	1.063	1.064	1.064	1.057	1.025	0.923	0.669
Maine Yankee	G202	G0	CE 14x14	2.73	0			32236	0.636	0.930	1.033	1.065	1.072	1.073	1.072	1.072	1.072	1.072	1.072	1.072	1.073	1.071	1.061	1.023	0.908	0.623
Maine Yankee	P431	P4	CE 14x14	3.50	4	31.4	B4C	32254	0.664	0.937	1.036	1.069	1.077	1.078	1.076	1.074	1.072	1.071	1.069	1.068	1.065	1.060	1.045	1.003	0.893	0.641
Maine Yankee	N855	N8	CE 14x14	3.30	8	23.8	B4C	32258	0.673	0.935	1.028	1.055	1.061	1.062	1.063	1.063	1.063	1.064	1.066	1.067	1.068	1.067	1.058	1.023	0.919	0.666
Maine Yankee	N862	N8	CE 14x14	3.30	8	23.8	B4C	32259	0.665	0.932	1.031	1.064	1.072	1.074	1.073	1.072	1.071	1.071	1.070	1.070	1.069	1.065	1.051	1.010	0.896	0.644
Maine Yankee	L846	L8	CE 14x14	3.29	8	23.8	B4C	32293	0.649	0.919	1.024	1.061	1.072	1.074	1.074	1.074	1.074	1.074	1.075	1.076	1.076	1.072	1.058	1.014	0.897	0.637
Maine Yankee	Q011	Q0	CE 14x14	3.69	0			32319	0.658	0.941	1.034	1.062	1.067	1.068	1.067	1.066	1.066	1.066	1.066	1.067	1.067	1.066	1.056	1.021	0.914	0.647
Maine Yankee	R035	R0	CE 14x14	3.68	0			32340	0.664	0.942	1.035	1.062	1.068	1.068	1.067	1.067	1.066	1.066	1.066	1.066	1.066	1.063	1.054	1.019	0.914	0.649

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height: Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Maine Yankee	Q024	Q0	CE 14x14	3.69	0			32365	0.855	0.939	1.037	1.068	1.074	1.074	1.073	1.071	1.070	1.069	1.069	1.068	1.066	1.064	1.052	1.012	0.901	0.635
Maine Yankee	EF006A	E16	CE 14x14	2.53	16	29	B4C	32423	0.850	0.899	1.007	1.052	1.067	1.072	1.074	1.075	1.076	1.078	1.081	1.085	1.086	1.082	1.064	1.012	0.892	0.647
Maine Yankee	S428	S4	CE 14x14	3.70	4	31.4	B4C	32479	0.676	0.940	1.032	1.061	1.068	1.070	1.070	1.069	1.068	1.068	1.067	1.066	1.065	1.060	1.046	1.011	0.905	0.656
Maine Yankee	P861	P8	CE 14x14	3.50	8	31.4	B4C	32520	0.673	0.935	1.032	1.063	1.071	1.072	1.071	1.070	1.069	1.068	1.067	1.067	1.065	1.061	1.049	1.009	0.901	0.657
Maine Yankee	M851	M8	CE 14x14	3.30	8	23.8	B4C	32537	0.670	0.935	1.028	1.056	1.062	1.063	1.062	1.062	1.062	1.063	1.064	1.066	1.068	1.068	1.061	1.026	0.920	0.663
Maine Yankee	M848	M8	CE 14x14	3.30	8	23.8	B4C	32586	0.668	0.933	1.027	1.057	1.064	1.066	1.065	1.065	1.065	1.066	1.067	1.068	1.069	1.068	1.058	1.021	0.914	0.659
Maine Yankee	S860	S8	CE 14x14	3.70	8	31.4	B4C	32592	0.669	0.940	1.027	1.053	1.060	1.062	1.062	1.062	1.062	1.063	1.063	1.064	1.063	1.061	1.052	1.019	0.918	0.660
Maine Yankee	H170	I0	CE 14x14	3.04	0			32664	0.643	0.933	1.033	1.064	1.071	1.072	1.072	1.071	1.071	1.071	1.072	1.072	1.072	1.070	1.059	1.020	0.907	0.625
Maine Yankee	K872	K8	CE 14x14	3.00	8	23.8	B4C	32702	0.656	0.928	1.026	1.058	1.066	1.068	1.068	1.068	1.069	1.070	1.071	1.073	1.074	1.072	1.061	1.021	0.908	0.642
Maine Yankee	R030	R0	CE 14x14	3.68	0			32726	0.657	0.941	1.039	1.071	1.077	1.078	1.076	1.074	1.072	1.071	1.069	1.068	1.066	1.061	1.048	1.007	0.895	0.628
Maine Yankee	R438	R4	CE 14x14	3.68	4	31.4	B4C	32735	0.670	0.939	1.034	1.066	1.073	1.073	1.072	1.071	1.069	1.068	1.068	1.067	1.066	1.062	1.049	1.006	0.899	0.646
Maine Yankee	M666	M6	CE 14x14	3.30	6	23.8	B4C	32865	0.665	0.931	1.029	1.062	1.070	1.071	1.071	1.070	1.070	1.070	1.070	1.070	1.070	1.067	1.054	1.013	0.901	0.647
Maine Yankee	EF008X	F0	CE 14x14	2.89	0			32910	0.639	0.929	1.031	1.063	1.070	1.070	1.069	1.069	1.069	1.070	1.071	1.073	1.076	1.076	1.067	1.027	0.909	0.622
Maine Yankee	EF0091	F0	CE 14x14	2.90	0			32972	0.631	0.924	1.034	1.073	1.082	1.083	1.082	1.081	1.080	1.079	1.079	1.079	1.078	1.073	1.057	1.007	0.882	0.598
Maine Yankee	S864	S8	CE 14x14	3.70	8	31.4	B4C	32999	0.661	0.938	1.035	1.069	1.078	1.080	1.079	1.077	1.074	1.072	1.070	1.067	1.063	1.056	1.039	0.994	0.883	0.644
Maine Yankee	G404	G41	CE 14x14	2.75	4	8.7	B4C	33014	0.651	0.940	1.035	1.061	1.064	1.063	1.062	1.062	1.062	1.063	1.065	1.067	1.070	1.072	1.068	1.038	0.923	0.637
Maine Yankee	J044	J0	CE 14x14	3.00	0			33022	0.645	0.932	1.031	1.063	1.071	1.072	1.072	1.072	1.072	1.072	1.073	1.073	1.073	1.070	1.058	1.018	0.906	0.627
Maine Yankee	P854	P8	CE 14x14	3.50	8	31.4	B4C	33091	0.678	0.938	1.029	1.056	1.061	1.062	1.062	1.061	1.061	1.062	1.063	1.064	1.065	1.064	1.057	1.023	0.920	0.673
Maine Yankee	H145	I0	CE 14x14	3.02	0			33122	0.641	0.930	1.034	1.071	1.080	1.083	1.082	1.081	1.080	1.079	1.078	1.077	1.074	1.069	1.052	1.005	0.881	0.604
Maine Yankee	S435	S4	CE 14x14	3.70	4	31.4	B4C	33162	0.681	0.942	1.030	1.057	1.063	1.064	1.064	1.064	1.064	1.064	1.064	1.064	1.064	1.062	1.052	1.017	0.915	0.667
Maine Yankee	N846	N8	CE 14x14	3.30	8	23.8	B4C	33220	0.674	0.935	1.028	1.058	1.065	1.066	1.066	1.066	1.066	1.066	1.067	1.067	1.066	1.065	1.054	1.017	0.911	0.661
Maine Yankee	T436	T4	CE 14x14	3.90	4	31.4	B4C	33330	0.655	0.928	1.031	1.067	1.077	1.079	1.078	1.077	1.076	1.075	1.074	1.073	1.071	1.065	1.049	1.005	0.888	0.632
Maine Yankee	EF007C	E16	CE 14x14	2.52	16	29	B4C	33339	0.651	0.903	1.010	1.056	1.072	1.077	1.079	1.079	1.080	1.081	1.083	1.084	1.084	1.078	1.057	1.004	0.883	0.640
Maine Yankee	G305	G42	CE 14x14	2.73	4	17.4	B4C	33404	0.643	0.931	1.034	1.067	1.074	1.075	1.075	1.074	1.074	1.074	1.074	1.074	1.074	1.072	1.061	1.021	0.893	0.609
Maine Yankee	T860	T8	CE 14x14	3.89	8	31.4	B4C	33512	0.669	0.927	1.026	1.060	1.069	1.071	1.071	1.070	1.070	1.070	1.071	1.071	1.070	1.067	1.053	1.012	0.899	0.653
Maine Yankee	J043	J0	CE 14x14	3.00	0			33601	0.644	0.930	1.030	1.064	1.073	1.075	1.075	1.074	1.074	1.074	1.074	1.074	1.074	1.070	1.056	1.014	0.900	0.623
Maine Yankee	P019	P0	CE 14x14	3.50	0			33723	0.645	0.931	1.031	1.064	1.071	1.073	1.072	1.071	1.071	1.071	1.071	1.071	1.071	1.069	1.057	1.018	0.907	0.636
Maine Yankee	L850	L8	CE 14x14	3.29	8	23.8	B4C	33732	0.658	0.928	1.027	1.059	1.067	1.069	1.069	1.069	1.069	1.069	1.070	1.071	1.072	1.070	1.059	1.020	0.909	0.646
Maine Yankee	T416	T4	CE 14x14	3.91	4	31.4	B4C	33792	0.641	0.920	1.035	1.075	1.087	1.089	1.088	1.086	1.084	1.081	1.079	1.077	1.073	1.065	1.045	0.995	0.866	0.610
Maine Yankee	S856	S8	CE 14x14	3.70	8	31.4	B4C	33841	0.663	0.939	1.035	1.068	1.077	1.078	1.077	1.076	1.073	1.071	1.069	1.066	1.063	1.055	1.039	0.995	0.886	0.649
Maine Yankee	K044	K0	CE 14x14	3.00	0			33867	0.636	0.925	1.033	1.073	1.084	1.087	1.086	1.084	1.082	1.081	1.079	1.078	1.075	1.067	1.049	0.999	0.879	0.603
Maine Yankee	H111	I0	CE 14x14	3.04	0			33881	0.633	0.926	1.037	1.076	1.087	1.089	1.088	1.086	1.084	1.082	1.080	1.077	1.074	1.066	1.048	0.998	0.874	0.594
Maine Yankee	H208	I4	CE 14x14	3.02	4	19.6	B4C	33891	0.659	0.940	1.033	1.059	1.063	1.062	1.062	1.061	1.062	1.063	1.065	1.067	1.070	1.071	1.065	1.032	0.922	0.645
Maine Yankee	J045	J0	CE 14x14	3.00	0			33942	0.648	0.932	1.028	1.059	1.067	1.068	1.068	1.068	1.069	1.069	1.070	1.072	1.073	1.071	1.061	1.024	0.915	0.637
Maine Yankee	K047	K0	CE 14x14	3.00	0			33994	0.641	0.928	1.032	1.069	1.079	1.082	1.081	1.080	1.078	1.077	1.077	1.076	1.074	1.068	1.052	1.006	0.888	0.612
Maine Yankee	Q439	Q4	CE 14x14	3.69	4	31.4	B4C	34006	0.669	0.940	1.035	1.063	1.069	1.069	1.068	1.067	1.066	1.066	1.066	1.066	1.066	1.063	1.052	1.015	0.907	0.652
Maine Yankee	Q459	Q4	CE 14x14	3.70	4	31.4	B4C	34053	0.671	0.941	1.034	1.062	1.068	1.068	1.067	1.066	1.065	1.065	1.065	1.065	1.065	1.063	1.053	1.016	0.909	0.655
Maine Yankee	G307	G42	CE 14x14	2.74	4	17.4	B4C	34107	0.655	0.938	1.038	1.064	1.069	1.069	1.068	1.068	1.068	1.068	1.068	1.068	1.069	1.068	1.060	1.023	0.909	0.632
Maine Yankee	T848	T8	CE 14x14	3.90	8	31.4	B4C	34452	0.658	0.923	1.029	1.065	1.075	1.078	1.077	1.076	1.075	1.075	1.074	1.074	1.072	1.067	1.051	1.008	0.887	0.637
Maine Yankee	T864	T8	CE 14x14	3.89	8	31.4	B4C	34468	0.672	0.930	1.028	1.059	1.067	1.069	1.069	1.068	1.068	1.068	1.069	1.069	1.069	1.066	1.054	1.014	0.903	0.658
Maine Yankee	EF007H	E16	CE 14x14	2.52	16	29	B4C	34505	0.652	0.901	1.009	1.055	1.071	1.076	1.077	1.078	1.079	1.081	1.083	1.086	1.086	1.081	1.062	1.008	0.883	0.633
Maine Yankee	M008	M0	CE 14x14	3.30	0			34574	0.639	0.926	1.032	1.069	1.080	1.082	1.081	1.079	1.078	1.077	1.076	1.076	1.074	1.069	1.052	1.006	0.886	0.615
Maine Yankee	K043	K0	CE 14x14	3.00	0			34615	0.649	0.932	1.027	1.056	1.063	1.065	1.065	1.066	1.067	1.068	1.069	1.071	1.073	1.072	1.064	1.026	0.920	0.643
Maine Yankee	P009	P0	CE 14x14	3.50	0			34762	0.649	0.933	1.032	1.063	1.070	1.071	1.071	1.070	1.069	1.069	1.069	1.070	1.070	1.067	1.057	1.019	0.910	0.640
Maine Yankee	R027	R0	CE 14x14	3.69	0			34902	0.660	0.936	1.030	1.059	1.067	1.068	1.068	1.068	1.068	1.068	1.068	1.069	1.068	1.066	1.055	1.019	0.913	0.649
Maine Yankee	Q433	Q4	CE 14x14	3.69	4	31.4	B4C	34912	0.670	0.940	1.034	1.064	1.070	1.071	1.069	1.068	1.067	1.066	1.066	1.066	1.066	1.063	1.051	1.013	0.906	0.653
Maine Yankee	S020	S0	CE 14x14	3.70	0			34971	0.637	0.925	1.037	1.077	1.088	1.090	1.089	1.087	1.084	1.082	1.080	1.077	1.073	1.064	1.044	0.994	0.871	0.601
Maine Yankee	Q464	Q4	CE 14x14	3.69	4	31.4	B4C	34992	0.669	0.940	1.036	1.066	1.073	1.073	1.071	1.070	1.068	1.067	1.067	1.066	1.065	1.062	1.049	1.010	0.901	0.648
Maine Yankee	H251	I4	CE 14x14	3.03	4	19.6	B4C	35203	0.653	0.935	1.034	1.065	1.072	1.073	1.072	1.072	1.072	1.072	1.073	1.073	1.074	1.071	1.059	1.018	0.896	0.616
Maine Yankee	T844	T8	CE 14x14	3.90	8	31.4	B4C	35224	0.650	0.922	1.036	1.076	1.088	1.090	1.089	1.086	1.084	1.081	1.079	1.076	1.072	1.063	1.042	0.990	0.864	0.613
Maine Yankee	H205	I4	CE 14x14	3.04	4	19.6	B4C	35268	0.652	0.933	1.032	1.063	1.071	1.072	1.072	1.071	1.071	1.071	1.071	1.072	1.071	1.069	1.057	1.017	0.904	0.631
Maine Yankee	R854	R8	CE 14x14	3.69	8	31.4	B4C	35366	0.669	0.940	1.028	1.062	1.057	1.059	1.059	1.059	1.060	1.061	1.062	1.063	1.064	1.063	1.055	1.023	0.924	0.664
Maine Yankee	R871	R8	CE 14x14	3.68	8	31.4	B4C	35368	0.666	0.941	1.027	1.062	1.058	1.059	1.059	1.059	1.060	1.061	1.062	1.063	1.064	1.064	1.056	1.024	0.924	0.661
Maine Yankee	S431	S4	CE 14x14	3.70	4	31.4	B4C	35510	0.653	0.928	1.035	1.073	1.085	1.087	1.085	1.083	1.081	1.079	1.076	1.074	1.070	1.061	1.042	0.994	0.875	0.618
Maine Yankee	K040	K0	CE 14x14	3.00	0			35528	0.651	0.933	1.028	1.057	1.065	1.066	1.066	1.067	1.067	1.068	1.069	1.071	1.072	1.071	1.062	1.026	0.919	0.642
Maine Yankee	L838	L8	CE 14x14	3.29	8	23.8	B4C	35555	0.667	0.933	1.024	1.052	1.058	1.060	1.060	1.061	1.062	1.064	1.065	1.068	1.070	1.071	1.064	1.031	0.927	0.664
Maine Yankee	J046	J0	CE 14x14	3.00	0			35613	0.649	0.933	1.030	1.062	1.070	1.072	1.072	1.071	1.071	1.071	1.072	1.072	1.072	1.069	1.057	1.019	0.906	0.631
Maine Yankee	R447	R4	CE 14x14	3.68	4	31.4	B4C	35639	0.684	0.944	1.029	1.053	1.067	1.058	1.058	1.058	1.059	1.060	1.061	1.062	1.064	1.063	1.057	1.027	0.928	0.678
Maine Yankee	L833	L8	CE 14x14	3.29	8	23.8	B4C	35649	0.659	0.929	1.029	1.065	1.074	1.076	1.076	1.075	1.074	1.073	1.073	1.072	1.071	1.066	1.051	1.006	0.894	0.634
Maine Yankee	H220	I4	CE 14x14	3.03	4	19.6	B4C	35701	0.659	0.939	1.034	1.063	1.068	1.068	1.067	1.067	1.066	1.066	1.067	1.068	1.069	1.068	1.060	1.023	0.911	0.637
Maine Yankee	R439	R4	CE 14x14	3.68	4	31.4	B4C	35719	0.685	0.945	1.029	1.053	1.058	1.059	1.058	1.059	1.059	1.060	1.061	1.062	1.063	1.063	1.056	1.025	0.927	0.678
Maine Yankee	Q436	Q4	CE 14x14	3.69	4	31.4	B4C	35727	0.678	0.942	1.030	1.056	1.061	1.061	1.061	1.060	1.061	1.061	1.062	1.064	1.065	1.065	1.057	1.024	0.922	0.671
Maine Yankee	Q441	Q4	CE 14x14	3.69	4	31.4	B4C	36016	0.679	0.943	1.030	1.054	1.059	1.059	1.059	1.059	1.059	1.060	1.061	1.063	1.065	1.065	1.058	1.027	0.926	0.674
Maine Yankee	K048	K0	CE 14x14	3.00	0			36061	0.645	0.929	1.031	1.067	1.076	1.079	1.078	1.077	1.076	1.076	1.075	1.075	1.073	1.066	1.053	1.008	0.893	0.619
Maine Yankee	M846	M8	CE 14x14	3.30	8	23.8	B4C	36154	0.654	0.924	1.028	1.065	1.076	1.078	1.078	1.077	1.076	1.075	1.075	1.074	1.073	1.066	1.052	1.006	0.890	0.632
Maine Yankee	R858	R8	CE 14x14	3.68	8	31.4	B4C	36195	0.686	0.941	1.030	1.058	1.064	1.065	1.064	1.064	1.063	1.063	1.064	1.064	1.064	1.062	1.051	1.016	0.912	0.670
Maine Yankee	Q868	Q8	CE 14x14	3.70	8	31.4	B4C	36276	0.660	0.939	1.031	1.060	1.066	1.067	1.066	1.065	1.064	1.064	1.065	1.065	1.065	1.063	1.052	1.015	0.909	0.665

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Maine Yankee	J871	J8	CE 14x14	3.00	8	23.8	B4C	36385	0.654	0.925	1.027	1.064	1.074	1.077	1.077	1.077	1.076	1.076	1.075	1.075	1.073	1.068	1.053	1.006	0.892	0.629
Maine Yankee	S006	S0	CE 14x14	3.70	0			36531	0.647	0.928	1.031	1.065	1.075	1.077	1.077	1.076	1.075	1.075	1.074	1.073	1.072	1.067	1.052	1.010	0.896	0.629
Maine Yankee	N837	N8	CE 14x14	3.30	8	23.8	B4C	36535	0.664	0.930	1.028	1.061	1.070	1.071	1.071	1.070	1.070	1.069	1.069	1.070	1.069	1.066	1.054	1.014	0.905	0.650
Maine Yankee	J853	J8	CE 14x14	3.00	8	23.8	B4C	36553	0.661	0.930	1.027	1.061	1.071	1.074	1.074	1.074	1.073	1.073	1.073	1.073	1.072	1.067	1.052	1.010	0.896	0.637
Maine Yankee	M415	M4	CE 14x14	3.31	4	23.8	B4C	36565	0.656	0.928	1.028	1.063	1.072	1.075	1.074	1.074	1.073	1.073	1.073	1.073	1.072	1.067	1.053	1.010	0.899	0.638
Maine Yankee	M851	M8	CE 14x14	3.30	8	23.8	B4C	36586	0.669	0.932	1.025	1.055	1.062	1.064	1.064	1.064	1.064	1.065	1.066	1.068	1.069	1.068	1.059	1.024	0.919	0.663
Maine Yankee	L012	L0	CE 14x14	3.29	0			36596	0.641	0.923	1.026	1.063	1.074	1.077	1.077	1.077	1.076	1.076	1.076	1.076	1.075	1.070	1.055	1.012	0.900	0.628
Maine Yankee	Q015	Q0	CE 14x14	3.69	0			36634	0.658	0.937	1.032	1.061	1.068	1.069	1.068	1.067	1.067	1.067	1.068	1.068	1.069	1.066	1.056	1.019	0.912	0.647
Maine Yankee	R030	R0	CE 14x14	3.68	0			37035	0.661	0.939	1.035	1.067	1.075	1.076	1.075	1.073	1.072	1.071	1.070	1.069	1.067	1.062	1.048	1.007	0.896	0.635
Maine Yankee	R014	R0	CE 14x14	3.68	0			37119	0.656	0.937	1.037	1.070	1.078	1.079	1.077	1.076	1.074	1.073	1.071	1.070	1.068	1.062	1.048	1.005	0.893	0.627
Maine Yankee	N851	N8	CE 14x14	3.30	8	23.8	B4C	37223	0.660	0.929	1.031	1.067	1.077	1.078	1.078	1.076	1.075	1.074	1.073	1.072	1.070	1.064	1.048	1.004	0.890	0.635
Maine Yankee	K871	K8	CE 14x14	3.00	8	23.8	B4C	37345	0.655	0.928	1.028	1.063	1.072	1.073	1.073	1.072	1.072	1.072	1.072	1.073	1.073	1.070	1.057	1.014	0.900	0.636
Maine Yankee	K039	K0	CE 14x14	3.00	0			37471	0.654	0.933	1.028	1.058	1.066	1.068	1.068	1.068	1.068	1.069	1.070	1.071	1.072	1.070	1.060	1.022	0.914	0.640
Maine Yankee	K855	K8	CE 14x14	3.00	8	23.8	B4C	37486	0.661	0.929	1.026	1.059	1.067	1.069	1.069	1.069	1.069	1.069	1.070	1.071	1.072	1.070	1.059	1.020	0.909	0.642
Maine Yankee	K853	K8	CE 14x14	3.00	8	23.8	B4C	37550	0.658	0.928	1.026	1.060	1.069	1.071	1.071	1.071	1.071	1.071	1.072	1.073	1.073	1.070	1.057	1.015	0.903	0.640
Maine Yankee	N863	N8	CE 14x14	3.30	8	23.8	B4C	37626	0.671	0.933	1.024	1.053	1.060	1.062	1.062	1.062	1.063	1.064	1.065	1.067	1.068	1.068	1.059	1.025	0.923	0.669
Maine Yankee	J449	J4	CE 14x14	3.00	4	23.8	B4C	37711	0.654	0.930	1.027	1.058	1.066	1.068	1.068	1.068	1.068	1.069	1.070	1.071	1.072	1.071	1.061	1.023	0.913	0.641
Maine Yankee	P868	P8	CE 14x14	3.49	8	31.4	B4C	38407	0.673	0.934	1.029	1.061	1.068	1.070	1.069	1.068	1.067	1.067	1.067	1.067	1.066	1.063	1.051	1.013	0.908	0.660
Maine Yankee	Q439	Q4	CE 14x14	3.69	4	31.4	B4C	38838	0.671	0.936	1.031	1.060	1.067	1.067	1.067	1.066	1.066	1.065	1.066	1.066	1.066	1.064	1.053	1.017	0.912	0.660
Maine Yankee	K449	K4	CE 14x14	3.00	4	23.8	B4C	38863	0.659	0.932	1.027	1.058	1.066	1.068	1.068	1.068	1.068	1.069	1.070	1.071	1.072	1.070	1.060	1.021	0.910	0.642
Maine Yankee	M002	M0	CE 14x14	3.30	0			38962	0.644	0.923	1.027	1.065	1.076	1.078	1.078	1.077	1.076	1.076	1.076	1.076	1.074	1.069	1.054	1.009	0.894	0.628
Maine Yankee	M426	M4	CE 14x14	3.31	4	23.8	B4C	39063	0.660	0.930	1.027	1.061	1.071	1.073	1.073	1.072	1.072	1.072	1.072	1.072	1.071	1.066	1.052	1.011	0.902	0.643
Maine Yankee	P009	P0	CE 14x14	3.50	0			39077	0.658	0.933	1.028	1.059	1.067	1.069	1.069	1.069	1.068	1.068	1.069	1.069	1.069	1.066	1.055	1.018	0.913	0.652
Maine Yankee	P872	P8	CE 14x14	3.50	8	31.4	B4C	39139	0.675	0.935	1.026	1.055	1.062	1.063	1.063	1.063	1.063	1.064	1.065	1.066	1.067	1.066	1.056	1.022	0.919	0.670
Maine Yankee	L003	L0	CE 14x14	3.29	0			39790	0.659	0.935	1.028	1.059	1.066	1.068	1.068	1.067	1.067	1.068	1.069	1.069	1.070	1.068	1.057	1.020	0.914	0.647
Maine Yankee	M427	M4	CE 14x14	3.30	4	23.8	B4C	39821	0.668	0.934	1.026	1.056	1.064	1.066	1.066	1.066	1.067	1.067	1.068	1.069	1.069	1.067	1.056	1.019	0.915	0.658
Maine Yankee	N001	N0	CE 14x14	3.31	0			40777	0.666	0.938	1.027	1.054	1.061	1.062	1.063	1.063	1.064	1.064	1.065	1.067	1.068	1.068	1.058	1.025	0.925	0.664
Maine Yankee	L423	L4	CE 14x14	3.29	4	23.8	B4C	41105	0.668	0.934	1.025	1.055	1.063	1.065	1.065	1.065	1.066	1.066	1.067	1.069	1.069	1.068	1.058	1.021	0.918	0.658
Maine Yankee	M421	M4	CE 14x14	3.31	4	23.8	B4C	41626	0.671	0.936	1.024	1.052	1.059	1.061	1.061	1.062	1.062	1.064	1.065	1.067	1.068	1.068	1.060	1.027	0.926	0.669
Maine Yankee	N409	N4	CE 14x14	3.31	4	23.8	B4C	41777	0.671	0.936	1.026	1.054	1.061	1.063	1.063	1.063	1.064	1.064	1.065	1.066	1.067	1.066	1.057	1.022	0.922	0.668
Maine Yankee	Q436	Q4	CE 14x14	3.69	4	31.4	B4C	41951	0.681	0.941	1.026	1.053	1.058	1.059	1.060	1.060	1.060	1.061	1.062	1.064	1.065	1.064	1.056	1.024	0.926	0.679
Maine Yankee	N413	N4	CE 14x14	3.30	4	23.8	B4C	42069	0.665	0.933	1.029	1.062	1.071	1.073	1.072	1.071	1.070	1.070	1.070	1.069	1.068	1.064	1.051	1.010	0.904	0.649
Maine Yankee	M431	M4	CE 14x14	3.30	4	23.8	B4C	42077	0.674	0.937	1.024	1.052	1.059	1.060	1.060	1.061	1.062	1.063	1.064	1.066	1.068	1.067	1.056	1.027	0.927	0.671
Maine Yankee	LT71	L12	CE 14x14	3.29	12	23.8	B4C	42236	0.680	0.938	1.021	1.047	1.054	1.055	1.056	1.057	1.059	1.061	1.063	1.065	1.066	1.069	1.063	1.032	0.934	0.679
Maine Yankee	L854	L8	CE 14x14	3.29	8	23.8	B4C	42257	0.669	0.931	1.026	1.059	1.068	1.070	1.070	1.070	1.069	1.069	1.070	1.070	1.070	1.066	1.053	1.013	0.905	0.651
Maine Yankee	Q009	Q0	CE 14x14	3.69	0			42450	0.670	0.940	1.032	1.060	1.067	1.068	1.068	1.067	1.066	1.066	1.066	1.066	1.065	1.062	1.061	1.016	0.913	0.656
Maine Yankee	L419	L4	CE 14x14	3.29	4	23.8	B4C	42563	0.670	0.935	1.026	1.057	1.065	1.066	1.066	1.066	1.066	1.067	1.067	1.068	1.069	1.067	1.056	1.019	0.915	0.654
Maine Yankee	N425	N4	CE 14x14	3.30	4	23.8	B4C	42584	0.673	0.936	1.026	1.056	1.063	1.064	1.064	1.064	1.064	1.065	1.065	1.066	1.067	1.065	1.055	1.020	0.919	0.666
Maine Yankee	N428	N4	CE 14x14	3.30	4	23.8	B4C	42705	0.671	0.936	1.026	1.056	1.066	1.067	1.067	1.066	1.066	1.066	1.066	1.067	1.067	1.064	1.053	1.016	0.914	0.661
Maine Yankee	P868	P8	CE 14x14	3.49	8	31.4	B4C	43318	0.679	0.934	1.026	1.056	1.064	1.066	1.066	1.066	1.065	1.065	1.066	1.066	1.066	1.063	1.052	1.015	0.914	0.671
Maine Yankee	M837	M8	CE 14x14	3.30	8	23.8	B4C	43590	0.680	0.938	1.020	1.046	1.053	1.055	1.056	1.057	1.058	1.060	1.061	1.064	1.065	1.065	1.058	1.027	0.933	0.683
Maine Yankee	N867	N8	CE 14x14	3.30	8	23.8	B4C	43786	0.674	0.935	1.025	1.055	1.062	1.064	1.064	1.064	1.064	1.065	1.066	1.067	1.067	1.066	1.056	1.020	0.919	0.668
Maine Yankee	S435	S4	CE 14x14	3.70	4	31.4	B4C	43807	0.673	0.933	1.025	1.056	1.064	1.067	1.067	1.067	1.067	1.068	1.068	1.068	1.068	1.065	1.053	1.016	0.912	0.663
Maine Yankee	M869	M8	CE 14x14	3.31	8	23.8	B4C	43826	0.682	0.937	1.022	1.050	1.056	1.058	1.059	1.059	1.060	1.062	1.063	1.065	1.067	1.066	1.059	1.026	0.928	0.680
Maine Yankee	P002	P0	CE 14x14	3.51	0			43913	0.665	0.936	1.032	1.063	1.070	1.071	1.070	1.069	1.068	1.068	1.068	1.068	1.067	1.064	1.052	1.013	0.907	0.648
Maine Yankee	R005	R0	CE 14x14	3.69	0			43964	0.673	0.941	1.032	1.062	1.069	1.071	1.070	1.069	1.068	1.068	1.067	1.067	1.065	1.061	1.049	1.011	0.907	0.651
Maine Yankee	S443	S4	CE 14x14	3.70	4	31.4	B4C	44069	0.668	0.931	1.026	1.057	1.066	1.069	1.069	1.069	1.069	1.069	1.070	1.070	1.069	1.066	1.054	1.016	0.906	0.656
Maine Yankee	P024	P0	CE 14x14	3.50	0			44081	0.671	0.939	1.029	1.058	1.065	1.066	1.066	1.065	1.065	1.065	1.066	1.067	1.067	1.064	1.054	1.018	0.916	0.659
Maine Yankee	P448	P4	CE 14x14	3.50	4	31.4	B4C	44170	0.672	0.937	1.031	1.062	1.070	1.071	1.071	1.069	1.068	1.068	1.067	1.067	1.066	1.062	1.049	1.010	0.905	0.653
Maine Yankee	M842	M8	CE 14x14	3.30	8	23.8	B4C	44542	0.683	0.939	1.020	1.045	1.051	1.053	1.054	1.055	1.056	1.058	1.060	1.062	1.064	1.065	1.059	1.030	0.937	0.689
Maine Yankee	R035	R0	CE 14x14	3.68	0			44607	0.680	0.943	1.028	1.054	1.060	1.062	1.062	1.062	1.062	1.063	1.063	1.064	1.064	1.063	1.054	1.021	0.923	0.671
Maine Yankee	Q008	Q0	CE 14x14	3.69	0			44633	0.671	0.941	1.032	1.061	1.067	1.068	1.067	1.066	1.066	1.065	1.065	1.065	1.065	1.062	1.051	1.016	0.913	0.657
Maine Yankee	M866	M8	CE 14x14	3.30	8	23.8	B4C	44784	0.678	0.936	1.024	1.055	1.063	1.065	1.065	1.065	1.065	1.066	1.067	1.067	1.068	1.065	1.054	1.017	0.915	0.666
Maine Yankee	R447	R4	CE 14x14	3.68	4	31.4	B4C	45018	0.680	0.943	1.026	1.052	1.059	1.060	1.061	1.061	1.061	1.062	1.062	1.063	1.063	1.061	1.052	1.020	0.923	0.681
Maine Yankee	M845	M8	CE 14x14	3.30	8	23.8	B4C	45064	0.677	0.932	1.021	1.048	1.055	1.057	1.058	1.058	1.060	1.061	1.063	1.066	1.068	1.068	1.061	1.030	0.931	0.685
Maine Yankee	S428	S4	CE 14x14	3.70	4	31.4	B4C	45273	0.680	0.936	1.023	1.050	1.058	1.060	1.061	1.062	1.063	1.064	1.065	1.066	1.067	1.066	1.057	1.023	0.924	0.677
Maine Yankee	M848	M8	CE 14x14	3.30	8	23.8	B4C	45374	0.680	0.938	1.023	1.051	1.057	1.059	1.059	1.060	1.060	1.061	1.063	1.065	1.067	1.066	1.059	1.026	0.928	0.679
Maine Yankee	Q011	Q0	CE 14x14	3.69	0			45444	0.682	0.944	1.027	1.052	1.058	1.059	1.059	1.059	1.060	1.060	1.061	1.063	1.064	1.063	1.056	1.025	0.929	0.679
Maine Yankee	Q024	Q0	CE 14x14	3.69	0			45622	0.679	0.942	1.029	1.058	1.064	1.066	1.065	1.065	1.064	1.064	1.064	1.065	1.064	1.062	1.051	1.016	0.916	0.666
Maine Yankee	N846	N8	CE 14x14	3.30	8	23.8	B4C	45900	0.682	0.937	1.024	1.054	1.061	1.063	1.063	1.063	1.063	1.064	1.064	1.065	1.066	1.064	1.054	1.018	0.920	0.675
Maine Yankee	M868	M8	CE 14x14	3.30	8	23.8	B4C	46247	0.685	0.937	1.021	1.049	1.056	1.057	1.058	1.058	1.060	1.061	1.063	1.065	1.067	1.067	1.059	1.026	0.929	0.683
Maine Yankee	S864	S8	CE 14x14	3.70	8	31.4	B4C	46358	0.678	0.932	1.026	1.056	1.067	1.069	1.069	1.069	1.069	1.069	1.068	1.068	1.067	1.063	1.050	1.010	0.904	0.662
Maine Yankee	P439	P4	CE 14x14	3.50	4	31.4	B4C	46422	0.668	0.943	1.025	1.048	1.053	1.054	1.055	1.055	1.056	1.058	1.060	1.062	1.064	1.065	1.059	1.030	0.936	0.689
Maine Yankee	R438	R4	CE 14x14	3.68	4	31.4	B4C	46636	0.677	0.936	1.027	1.056	1.064	1.065	1.065	1.065	1.065	1.065	1.066	1.066	1.067	1.065	1.054	1.018	0.915	0.666
Maine Yankee	S860	S8	CE 14x14	3.70	8	31.4	B4C	46712	0.681	0.932	1.022	1.052	1.060	1.062	1.063	1.064	1.064	1.065	1.066	1.067	1.067	1.065	1.055	1.020	0.918	0.677
Maine Yankee	P431	P4	CE 14x14	3.50	4	31.4	B4C	46750	0.681	0.941	1.027	1.055	1.062	1.063	1.063	1.063	1.063	1.063	1.064	1.065	1.065	1.063	1.053	1.019	0.920	0.671
Maine Yankee	P861	P8	CE 14x14	3.50	8	31.4	B4C	46957	0.686	0.939	1.026	1.054	1.061	1.062	1.062	1.062	1.062	1.063	1.064	1.065	1.065	1.063	1.053	1.018	0.919	0.676

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/MT)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Maine Yankee	R439	R4	CE 14x14	3.68	4	31.4	B4C	47248	0.694	0.944	1.024	1.049	1.055	1.056	1.057	1.058	1.058	1.059	1.061	1.062	1.063	1.062	1.054	1.024	0.931	0.690
Maine Yankee	Q464	Q4	CE 14x14	3.69	4	31.4	B4C	47274	0.687	0.943	1.028	1.055	1.061	1.062	1.062	1.062	1.062	1.062	1.062	1.063	1.063	1.061	1.051	1.018	0.921	0.678
Maine Yankee	R854	R8	CE 14x14	3.69	8	31.4	B4C	47528	0.697	0.941	1.023	1.050	1.057	1.059	1.060	1.060	1.061	1.061	1.062	1.063	1.063	1.061	1.051	1.018	0.924	0.689
Maine Yankee	R871	R8	CE 14x14	3.68	8	31.4	B4C	47648	0.697	0.942	1.024	1.050	1.056	1.058	1.059	1.060	1.060	1.061	1.062	1.063	1.063	1.061	1.052	1.020	0.925	0.689
Maine Yankee	Q433	Q4	CE 14x14	3.69	4	31.4	B4C	47764	0.685	0.941	1.028	1.057	1.064	1.065	1.065	1.064	1.064	1.063	1.064	1.064	1.063	1.061	1.050	1.014	0.915	0.673
Maine Yankee	S858	S8	CE 14x14	3.70	8	31.4	B4C	47967	0.676	0.931	1.027	1.061	1.070	1.073	1.073	1.072	1.071	1.071	1.070	1.069	1.067	1.062	1.047	1.006	0.897	0.656
Maine Yankee	R858	R8	CE 14x14	3.68	8	31.4	B4C	48616	0.695	0.942	1.026	1.054	1.062	1.063	1.063	1.063	1.063	1.063	1.063	1.063	1.063	1.060	1.049	1.013	0.915	0.679
Maine Yankee	Q868	Q8	CE 14x14	3.70	8	31.4	B4C	49434	0.694	0.941	1.025	1.052	1.059	1.060	1.060	1.060	1.061	1.061	1.062	1.063	1.063	1.061	1.052	1.018	0.922	0.686

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
McGuire 1	K58	MkBW	WE 17x17	3.75	0			10927	0.840	0.909	1.080	1.093	1.092	1.096	1.093	1.089	1.086	1.083	1.080	1.076	1.072	1.080	1.045	1.005	0.830	0.570
McGuire 1	K36	MkBW	WE 17x17	3.75	0			11425	0.847	0.913	1.082	1.093	1.091	1.094	1.091	1.087	1.084	1.081	1.077	1.074	1.069	1.058	1.044	1.006	0.833	0.577
McGuire 1	L06	MkBW	WE 17x17	3.45	0			14115	0.822	0.942	1.083	1.100	1.109	1.106	1.103	1.097	1.090	1.084	1.077	1.069	1.061	1.049	1.027	0.977	0.850	0.572
McGuire 1	K73	MkBW	WE 17x17	3.75	4	3	B4C	15085	0.888	0.937	1.093	1.101	1.098	1.096	1.093	1.088	1.083	1.078	1.072	1.065	1.056	1.044	1.028	0.984	0.819	0.577
McGuire 1	L04	MkBW	WE 17x17	3.45	8	3	B4C	15140	0.868	0.955	1.082	1.096	1.104	1.102	1.098	1.090	1.083	1.076	1.068	1.060	1.051	1.039	1.017	0.969	0.855	0.610
McGuire 1	L09	MkBW	WE 17x17	3.45	4	3	B4C	15244	0.845	0.949	1.082	1.097	1.105	1.104	1.099	1.093	1.087	1.080	1.073	1.065	1.056	1.044	1.022	0.973	0.854	0.592
McGuire 1	K45	MkBW	WE 17x17	3.75	8	3	B4C	16028	0.724	0.954	1.087	1.101	1.098	1.097	1.092	1.086	1.081	1.076	1.069	1.061	1.053	1.039	1.020	0.973	0.809	0.571
McGuire 1	K17	MkBW	WE 17x17	3.75	8	3	B4C	16435	0.717	0.948	1.091	1.096	1.091	1.092	1.088	1.081	1.076	1.071	1.064	1.058	1.050	1.037	1.022	0.984	0.830	0.608
McGuire 1	L02	MkBW	WE 17x17	3.45	8	3	B4C	16686	0.682	0.967	1.048	1.074	1.081	1.081	1.079	1.075	1.072	1.067	1.062	1.057	1.051	1.044	1.030	0.994	0.893	0.654
McGuire 1	L01	MkBW	WE 17x17	3.45	8	3	B4C	16706	0.675	0.951	1.044	1.072	1.079	1.080	1.078	1.075	1.072	1.068	1.064	1.060	1.055	1.049	1.035	0.997	0.894	0.652
McGuire 1	L06	MkBW	WE 17x17	3.45	8	3	B4C	16899	0.681	0.965	1.065	1.095	1.102	1.099	1.094	1.088	1.081	1.073	1.064	1.056	1.046	1.034	1.013	0.968	0.858	0.618
McGuire 1	L03	MkBW	WE 17x17	3.45	8	3	B4C	17147	0.687	0.966	1.058	1.085	1.091	1.089	1.085	1.080	1.075	1.068	1.061	1.054	1.046	1.037	1.020	0.980	0.877	0.640
McGuire 1	L07	MkBW	WE 17x17	3.45	8	3	B4C	17202	0.687	0.967	1.083	1.092	1.098	1.097	1.092	1.086	1.079	1.071	1.063	1.054	1.045	1.034	1.014	0.969	0.862	0.626
McGuire 1	L05	MkBW	WE 17x17	3.45	12	3	B4C	17205	0.696	0.964	1.055	1.084	1.090	1.089	1.085	1.080	1.075	1.068	1.060	1.053	1.046	1.035	1.017	0.976	0.875	0.650
McGuire 1	K53	MkBW	WE 17x17	3.75	16	3	B4C	17892	0.764	0.967	1.083	1.095	1.099	1.089	1.082	1.077	1.071	1.064	1.056	1.048	1.040	1.027	1.009	0.970	0.830	0.630
McGuire 1	K27	MkBW	WE 17x17	3.75	16	3	B4C	18004	0.770	0.970	1.082	1.092	1.096	1.086	1.081	1.076	1.071	1.065	1.057	1.050	1.042	1.030	1.013	0.972	0.827	0.620
McGuire 1	K40	MkBW	WE 17x17	3.75	16	3	B4C	18351	0.771	0.969	1.080	1.088	1.090	1.080	1.075	1.070	1.065	1.058	1.052	1.045	1.038	1.028	1.012	0.980	0.847	0.653
McGuire 1	K23	MkBW	WE 17x17	3.75	16	3	B4C	18676	0.776	0.973	1.082	1.089	1.091	1.081	1.075	1.069	1.064	1.057	1.050	1.043	1.036	1.024	1.010	0.978	0.848	0.657
McGuire 1	K11	MkBW	WE 17x17	3.75	16	3	B4C	18678	0.782	0.979	1.096	1.094	1.085	1.085	1.078	1.072	1.067	1.059	1.051	1.043	1.035	1.023	1.008	0.972	0.834	0.634
McGuire 1	K57	MkBW	WE 17x17	3.75	16	3	B4C	18854	0.776	0.974	1.093	1.089	1.081	1.080	1.074	1.069	1.064	1.057	1.049	1.042	1.035	1.023	1.010	0.979	0.848	0.656
McGuire 1	K58	MkBW	WE 17x17	3.75	0			20152	0.844	0.932	1.063	1.084	1.090	1.091	1.089	1.085	1.082	1.079	1.076	1.072	1.068	1.059	1.041	0.985	0.865	0.596
McGuire 1	K73	MkBW	WE 17x17	3.75	4	3	B4C	23518	0.873	0.944	1.080	1.087	1.091	1.092	1.088	1.084	1.081	1.076	1.072	1.067	1.061	1.051	1.032	0.985	0.856	0.599
McGuire 1	K53	MkBW	WE 17x17	3.75	16	3	B4C	23598	0.729	0.960	1.080	1.082	1.084	1.083	1.080	1.076	1.072	1.067	1.062	1.057	1.050	1.041	1.023	0.978	0.860	0.636
McGuire 1	K27	MkBW	WE 17x17	3.75	16	3	B4C	24374	0.732	0.963	1.082	1.082	1.084	1.083	1.080	1.076	1.073	1.068	1.063	1.058	1.051	1.042	1.024	0.977	0.856	0.625
McGuire 1	J37	OFA	WE 17x17	3.75				25052	0.876	0.919	1.073	1.084	1.091	1.083	1.078	1.075	1.073	1.071	1.069	1.067	1.065	1.057	1.046	1.011	0.854	0.620
McGuire 1	K45	MkBW	WE 17x17	3.75	8	3	B4C	25562	0.883	0.952	1.082	1.087	1.091	1.091	1.088	1.084	1.080	1.076	1.071	1.066	1.059	1.049	1.029	0.979	0.849	0.596
McGuire 1	K38	MkBW	WE 17x17	3.75	0			27251	0.869	0.951	1.057	1.082	1.087	1.087	1.084	1.080	1.077	1.073	1.068	1.063	1.057	1.049	1.033	0.992	0.874	0.618
McGuire 1	J29	OFA	WE 17x17	3.75				28758	0.882	0.924	1.077	1.090	1.087	1.088	1.083	1.078	1.075	1.072	1.068	1.065	1.061	1.052	1.039	1.001	0.845	0.616
McGuire 1	K11	MkBW	WE 17x17	3.75	16	3	B4C	29362	0.731	0.968	1.082	1.082	1.084	1.083	1.079	1.075	1.070	1.065	1.060	1.054	1.048	1.039	1.022	0.979	0.864	0.637
McGuire 1	J50	OFA	WE 17x17	3.75				29438	0.884	0.927	1.081	1.092	1.089	1.090	1.086	1.082	1.079	1.076	1.073	1.070	1.066	1.056	1.042	1.000	0.829	0.579
McGuire 1	K17	MkBW	WE 17x17	3.75	8	3	B4C	30356	0.886	0.958	1.084	1.088	1.091	1.090	1.086	1.081	1.077	1.071	1.066	1.059	1.052	1.042	1.023	0.978	0.859	0.618
McGuire 1	J74	OFA	WE 17x17	3.75				30558	0.885	0.930	1.076	1.081	1.076	1.079	1.075	1.072	1.070	1.068	1.065	1.062	1.060	1.051	1.042	1.014	0.859	0.626
McGuire 1	J10	OFA	WE 17x17	3.75				31840	0.888	0.922	1.070	1.081	1.078	1.081	1.077	1.074	1.072	1.069	1.066	1.064	1.062	1.054	1.043	1.010	0.857	0.631
McGuire 1	K23	MkBW	WE 17x17	3.75	16	3	B4C	32059	0.732	0.969	1.082	1.080	1.081	1.080	1.078	1.072	1.068	1.063	1.057	1.052	1.045	1.036	1.020	0.981	0.874	0.653
McGuire 1	J57	OFA	WE 17x17	3.75				33296	0.897	0.928	1.071	1.080	1.077	1.079	1.076	1.073	1.071	1.068	1.066	1.064	1.062	1.054	1.043	1.009	0.856	0.630
McGuire 1	K57	MkBW	WE 17x17	3.75	16	3	B4C	33608	0.731	0.966	1.083	1.070	1.071	1.071	1.069	1.067	1.064	1.060	1.056	1.052	1.047	1.040	1.028	0.993	0.891	0.670
McGuire 1	G91	OFA	WE 17x17	3.40				33849	0.875	0.928	1.041	1.069	1.075	1.077	1.076	1.074	1.073	1.072	1.071	1.069	1.067	1.061	1.046	1.004	0.882	0.639
McGuire 1	K40	MkBW	WE 17x17	3.75	16	3	B4C	33927	0.729	0.967	1.066	1.074	1.076	1.076	1.073	1.070	1.066	1.062	1.057	1.052	1.047	1.039	1.024	0.987	0.883	0.663
McGuire 1	J54	OFA	WE 17x17	3.75				34835	0.707	0.934	1.075	1.079	1.074	1.076	1.072	1.069	1.067	1.065	1.063	1.060	1.057	1.049	1.039	1.010	0.862	0.640
McGuire 1	J69	OFA	WE 17x17	3.75				36520	0.706	0.935	1.079	1.069	1.065	1.067	1.062	1.078	1.075	1.072	1.068	1.064	1.060	1.049	1.036	0.997	0.837	0.601
McGuire 1	H12	OFA	WE 17x17	3.60				37023	0.882	0.920	1.064	1.075	1.074	1.078	1.076	1.074	1.073	1.071	1.069	1.067	1.065	1.056	1.046	1.014	0.859	0.626
McGuire 1	J75	OFA	WE 17x17	3.75				38051	0.716	0.939	1.078	1.064	1.060	1.062	1.077	1.074	1.071	1.067	1.064	1.060	1.056	1.047	1.035	1.001	0.848	0.622
McGuire 1	J11	OFA	WE 17x17	3.75				38456	0.719	0.936	1.072	1.077	1.072	1.075	1.072	1.069	1.066	1.066	1.063	1.060	1.058	1.050	1.041	1.010	0.859	0.633
McGuire 1	H37	OFA	WE 17x17	3.60				38636	0.702	0.926	1.066	1.075	1.073	1.077	1.074	1.072	1.070	1.068	1.065	1.063	1.060	1.051	1.041	1.011	0.864	0.644
McGuire 1	J08	OFA	WE 17x17	3.75				38908	0.719	0.936	1.070	1.075	1.070	1.073	1.070	1.067	1.065	1.063	1.060	1.058	1.056	1.048	1.039	1.010	0.867	0.654
McGuire 1	J19	OFA	WE 17x17	3.75				38428	0.720	0.939	1.074	1.079	1.074	1.076	1.073	1.070	1.067	1.064	1.061	1.058	1.055	1.046	1.036	1.006	0.860	0.639
McGuire 1	J37	OFA	WE 17x17	3.75				39670	0.689	0.941	1.043	1.066	1.070	1.071	1.069	1.068	1.067	1.065	1.064	1.063	1.061	1.057	1.045	1.006	0.866	0.657
McGuire 1	H20	OFA	WE 17x17	3.60				39881	0.715	0.932	1.068	1.075	1.072	1.076	1.073	1.071	1.069	1.066	1.063	1.061	1.058	1.049	1.039	1.010	0.861	0.639
McGuire 1	H15	OFA	WE 17x17	3.60				40345	0.700	0.930	1.075	1.066	1.064	1.066	1.065	1.062	1.060	1.077	1.074	1.072	1.069	1.058	1.046	1.009	0.829	0.558
McGuire 1	G72	OFA	WE 17x17	2.82				40906	0.703	0.927	1.067	1.077	1.075	1.080	1.078	1.077	1.076	1.075	1.074	1.072	1.070	1.060	1.049	1.016	0.842	0.561
McGuire 1	J90	OFA	WE 17x17	3.75				40994	0.687	0.950	1.050	1.073	1.077	1.077	1.074	1.071	1.069	1.066	1.063	1.060	1.056	1.050	1.036	0.997	0.865	0.649
McGuire 1	H49	OFA	WE 17x17	3.60				41311	0.708	0.927	1.067	1.077	1.075	1.079	1.076	1.074	1.072	1.069	1.067	1.065	1.062	1.053	1.042	1.009	0.855	0.627
McGuire 1	H33	OFA	WE 17x17	3.60				41343	0.708	0.924	1.061	1.068	1.068	1.070	1.069	1.067	1.066	1.065	1.063	1.062	1.060	1.053	1.045	1.018	0.875	0.660
McGuire 1	H01	OFA	WE 17x17	3.60				41630	0.679	0.939	1.049	1.077	1.082	1.082	1.079	1.076	1.073	1.071	1.068	1.065	1.061	1.054	1.038	0.996	0.877	0.633
McGuire 1	H55	OFA	WE 17x17	3.60				41657	0.708	0.930	1.070	1.079	1.076	1.079	1.076	1.073	1.071	1.068	1.065	1.062	1.059	1.050	1.038	1.006	0.857	0.635
McGuire 1	J29	OFA	WE 17x17	3.75				43380	0.886	0.948	1.052	1.076	1.079	1.079	1.076	1.073	1.070	1.067	1.064	1.061	1.057	1.049	1.035	0.994	0.860	0.645
McGuire 1	H92	OFA	WE 17x17	3.60				43394	0.886	0.940	1.045	1.070	1.074	1.075	1.073	1.071	1.069	1.067	1.065	1.064	1.061	1.055	1.042	1.003	0.869	0.651
McGuire 1	H90	OFA	WE 17x17	3.60				43422	0.892	0.940	1.042	1.067	1.071	1.072	1.071	1.070	1.068	1.067	1.065	1.064	1.061	1.058	1.043	1.004	0.861	0.654
McGuire 1	J50	OFA	WE 17x17	3.75				43918	0.899	0.948	1.049	1.072	1.076	1.076	1.074	1.072	1.070	1.068	1.066	1.064	1.060	1.054	1.040	0.999	0.860	0.633
McGuire 1	J74	OFA	WE 17x17	3.75				44190	0.703	0.946	1.043	1.063	1.065	1.066	1.065	1.064	1.064	1.063	1.062	1.061	1.059	1.054	1.045	1.011	0.902	0.665
McGuire 1	G90	OFA	WE 17x17	3.40				44845	0.693	0.935	1.036	1.060	1.065	1.067	1.067	1.067	1.066	1.065	1.064	1.063	1.062	1.057	1.046	1.011	0.902	0.671
McGuire 1	J10	OFA	WE 17x17	3.75				46384	0.704	0.947	1.047	1.069	1.073	1.073	1.071	1.069	1.067	1.065	1.062	1.060	1.057	1.051	1.038	1.000	0.889	0.660

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
McGuire 2	X03	MkBW	WE 17x17	3.65	0			12367	0.589	0.929	1.056	1.080	1.110	1.090	1.105	1.102	1.077	1.094	1.075	1.083	1.081	1.050	1.050	0.990	0.858	0.582
McGuire 2	V09	MkBW	WE 17x17	3.95	0			13051	0.596	0.941	1.064	1.084	1.113	1.092	1.108	1.104	1.078	1.094	1.075	1.082	1.080	1.048	1.045	0.982	0.847	0.588
McGuire 2	W75	OFA	WE 17x17	3.80	0			14551	0.600	0.942	1.061	1.080	1.108	1.087	1.104	1.101	1.075	1.092	1.073	1.081	1.080	1.047	1.048	0.987	0.856	0.578
McGuire 2	X10	MkBW	WE 17x17	3.65	8	2.5	B4C	15873	0.643	0.960	1.089	1.088	1.114	1.092	1.105	1.100	1.072	1.087	1.064	1.088	1.084	1.030	1.027	0.987	0.844	0.605
McGuire 2	X08	MkBW	WE 17x17	3.65	16	3	B4C	16967	0.675	0.964	1.081	1.080	1.107	1.085	1.098	1.094	1.067	1.082	1.080	1.084	1.080	1.027	1.025	0.984	0.847	0.640
McGuire 2	X11	MkBW	WE 17x17	3.65	8	3	B4C	17588	0.657	0.970	1.073	1.089	1.114	1.091	1.104	1.098	1.070	1.084	1.080	1.083	1.058	1.024	1.022	0.983	0.845	0.614
McGuire 2	V04	MkBW	WE 17x17	3.95	4	3	B4C	17674	0.637	0.967	1.077	1.093	1.119	1.096	1.110	1.105	1.076	1.091	1.088	1.072	1.067	1.030	1.026	0.982	0.831	0.574
McGuire 2	V25	MkBW	WE 17x17	3.95	8	2.5	B4C	18631	0.681	0.978	1.080	1.093	1.119	1.096	1.110	1.105	1.077	1.091	1.088	1.071	1.065	1.028	1.021	0.954	0.818	0.586
McGuire 2	X09	MkBW	WE 17x17	3.65	16	3	B4C	18891	0.695	0.979	1.085	1.077	1.102	1.080	1.093	1.088	1.062	1.078	1.053	1.058	1.053	1.020	1.019	0.964	0.858	0.661
McGuire 2	V42	MkBW	WE 17x17	3.95	16	2.5	B4C	18911	0.681	0.977	1.080	1.082	1.108	1.085	1.100	1.095	1.067	1.082	1.059	1.064	1.059	1.024	1.021	0.961	0.841	0.624
McGuire 2	X06	MkBW	WE 17x17	3.65	16	3	B4C	19249	0.690	0.979	1.071	1.085	1.110	1.087	1.100	1.094	1.066	1.078	1.055	1.057	1.052	1.018	1.015	0.957	0.844	0.643
McGuire 2	X02	MkBW	WE 17x17	3.65	12	3	B4C	19354	0.682	0.973	1.059	1.089	1.094	1.072	1.087	1.084	1.059	1.074	1.053	1.058	1.056	1.028	1.030	0.980	0.877	0.667
McGuire 2	X05	MkBW	WE 17x17	3.65	12	3	B4C	19420	0.679	0.972	1.062	1.074	1.098	1.076	1.090	1.087	1.061	1.076	1.054	1.059	1.057	1.028	1.028	0.978	0.869	0.657
McGuire 2	X04	MkBW	WE 17x17	3.65	12	3	B4C	19756	0.684	0.977	1.063	1.073	1.096	1.075	1.089	1.085	1.059	1.074	1.052	1.056	1.054	1.023	1.027	0.977	0.873	0.664
McGuire 2	X07	MkBW	WE 17x17	3.65	8	3	B4C	19760	0.671	0.974	1.064	1.075	1.099	1.077	1.091	1.087	1.062	1.076	1.054	1.059	1.056	1.026	1.028	0.978	0.873	0.651
McGuire 2	V10	MkBW	WE 17x17	3.95	20	3	B4C	20191	0.713	0.990	1.070	1.081	1.106	1.083	1.097	1.092	1.064	1.078	1.054	1.058	1.052	1.016	1.012	0.951	0.838	0.645
McGuire 2	V20	MkBW	WE 17x17	3.95	16	3	B4C	20231	0.703	0.989	1.071	1.081	1.105	1.083	1.096	1.094	1.067	1.081	1.058	1.062	1.057	1.022	1.017	0.956	0.835	0.621
McGuire 2	X01	MkBW	WE 17x17	3.65	12	3	B4C	20259	0.686	0.980	1.066	1.076	1.099	1.077	1.091	1.087	1.060	1.074	1.051	1.055	1.052	1.021	1.023	0.973	0.870	0.660
McGuire 2	V54	MkBW	WE 17x17	3.95	16	3	B4C	20348	0.701	0.983	1.061	1.068	1.092	1.071	1.087	1.084	1.058	1.074	1.052	1.058	1.055	1.023	1.025	0.973	0.868	0.665
McGuire 2	V22	MkBW	WE 17x17	3.95	12	3	B4C	20782	0.690	0.981	1.062	1.069	1.092	1.071	1.087	1.084	1.059	1.073	1.052	1.058	1.055	1.024	1.028	0.979	0.874	0.661
McGuire 2	V16	MkBW	WE 17x17	3.95	12	3	B4C	20832	0.687	0.980	1.062	1.070	1.093	1.072	1.088	1.085	1.060	1.074	1.054	1.059	1.056	1.025	1.029	0.978	0.872	0.656
McGuire 2	V08	MkBW	WE 17x17	3.95	12	3	B4C	20961	0.692	0.985	1.068	1.075	1.099	1.078	1.093	1.090	1.064	1.079	1.057	1.062	1.058	1.025	1.025	0.989	0.882	0.627
McGuire 2	U15	OFA	WE 17x17	3.50				22870	0.645	0.930	1.053	1.079	1.091	1.086	1.090	1.087	1.078	1.082	1.075	1.075	1.072	1.056	1.045	0.994	0.861	0.603
McGuire 2	V09	MkBW	WE 17x17	3.95	0			23015	0.609	0.938	1.055	1.075	1.102	1.083	1.099	1.096	1.072	1.089	1.071	1.079	1.079	1.049	1.049	0.982	0.867	0.586
McGuire 2	U46	OFA	WE 17x17	3.50				25386	0.653	0.937	1.059	1.084	1.096	1.090	1.094	1.091	1.081	1.085	1.076	1.074	1.067	1.049	1.037	0.984	0.851	0.581
McGuire 2	V25	MkBW	WE 17x17	3.95	8	2.5	B4C	25960	0.649	0.962	1.065	1.081	1.107	1.087	1.101	1.096	1.073	1.088	1.068	1.073	1.070	1.037	1.034	0.973	0.845	0.589
McGuire 2	V54	MkBW	WE 17x17	3.95	16	3	B4C	26953	0.679	0.967	1.052	1.063	1.088	1.069	1.084	1.083	1.060	1.076	1.057	1.064	1.063	1.034	1.037	0.987	0.879	0.659
McGuire 2	W75	OFA	WE 17x17	3.80	0			28311	0.626	0.949	1.057	1.074	1.100	1.081	1.095	1.093	1.069	1.085	1.067	1.074	1.073	1.044	1.045	0.991	0.871	0.607
McGuire 2	U37	OFA	WE 17x17	3.50				28515	0.650	0.940	1.054	1.078	1.099	1.081	1.067	1.084	1.073	1.079	1.070	1.071	1.068	1.052	1.044	0.995	0.868	0.609
McGuire 2	V04	MkBW	WE 17x17	3.95	4	3	B4C	28652	0.638	0.957	1.064	1.081	1.108	1.086	1.100	1.097	1.072	1.086	1.067	1.072	1.069	1.037	1.038	0.978	0.855	0.597
McGuire 2	U72	OFA	WE 17x17	3.50				30298	0.668	0.942	1.055	1.078	1.090	1.083	1.088	1.086	1.075	1.079	1.070	1.070	1.065	1.047	1.038	0.988	0.863	0.617
McGuire 2	V20	MkBW	WE 17x17	3.95	16	3	B4C	30364	0.676	0.968	1.058	1.072	1.097	1.078	1.093	1.090	1.066	1.081	1.062	1.067	1.065	1.034	1.032	0.976	0.858	0.628
McGuire 2	U70	OFA	WE 17x17	3.50				30699	0.655	0.947	1.047	1.063	1.080	1.069	1.079	1.079	1.065	1.076	1.065	1.070	1.070	1.049	1.049	1.005	0.892	0.641
McGuire 2	U11	OFA	WE 17x17	3.50				30810	0.675	0.947	1.052	1.069	1.081	1.073	1.080	1.079	1.066	1.075	1.067	1.069	1.066	1.050	1.045	0.999	0.877	0.629
McGuire 2	U74	OFA	WE 17x17	3.50				31113	0.657	0.949	1.051	1.066	1.084	1.072	1.082	1.081	1.066	1.077	1.065	1.070	1.069	1.048	1.047	1.002	0.885	0.631
McGuire 2	U08	OFA	WE 17x17	3.50				35892	0.678	0.949	1.051	1.067	1.080	1.071	1.078	1.077	1.064	1.072	1.063	1.066	1.065	1.048	1.045	1.001	0.886	0.638
McGuire 2	U44	OFA	WE 17x17	3.50				36098	0.679	0.951	1.058	1.074	1.088	1.078	1.084	1.082	1.066	1.075	1.064	1.066	1.063	1.044	1.038	0.991	0.873	0.627
McGuire 2	V16	MkBW	WE 17x17	3.95	12	3	B4C	36222	0.676	0.969	1.058	1.070	1.093	1.074	1.088	1.085	1.062	1.076	1.057	1.063	1.060	1.031	1.032	0.982	0.875	0.647
McGuire 2	V42	MkBW	WE 17x17	3.95	16	2.5	B4C	36405	0.676	0.973	1.065	1.078	1.102	1.082	1.095	1.091	1.066	1.080	1.059	1.063	1.059	1.027	1.025	0.971	0.858	0.630
McGuire 2	V06	MkBW	WE 17x17	3.95	12	3	B4C	36507	0.676	0.969	1.058	1.070	1.094	1.075	1.089	1.087	1.064	1.079	1.060	1.065	1.063	1.033	1.034	0.982	0.869	0.634
McGuire 2	U12	OFA	WE 17x17	3.50				37395	0.686	0.957	1.057	1.074	1.087	1.077	1.084	1.082	1.068	1.075	1.064	1.065	1.062	1.043	1.036	0.988	0.870	0.624
McGuire 2	V22	MkBW	WE 17x17	3.95	12	3	B4C	37438	0.677	0.967	1.063	1.064	1.086	1.068	1.083	1.081	1.059	1.074	1.056	1.062	1.061	1.034	1.037	0.990	0.887	0.661
McGuire 2	U32	OFA	WE 17x17	3.50				37672	0.685	0.956	1.056	1.073	1.087	1.077	1.084	1.081	1.066	1.075	1.063	1.064	1.061	1.042	1.036	0.989	0.874	0.629
McGuire 2	V10	MkBW	WE 17x17	3.95	20	3	B4C	37698	0.690	0.975	1.061	1.073	1.096	1.077	1.090	1.087	1.063	1.077	1.057	1.061	1.058	1.027	1.026	0.972	0.864	0.647
McGuire 2	U15	OFA	WE 17x17	3.50				40441	0.669	0.949	1.049	1.066	1.082	1.072	1.081	1.079	1.065	1.075	1.063	1.066	1.065	1.045	1.042	0.996	0.867	0.648
McGuire 2	U90	OFA	WE 17x17	3.50				40575	0.670	0.950	1.049	1.066	1.083	1.072	1.081	1.079	1.065	1.075	1.063	1.066	1.065	1.045	1.042	0.997	0.867	0.647
McGuire 2	T38	OFA	WE 17x17	3.50				41233	0.682	0.952	1.048	1.063	1.074	1.066	1.073	1.072	1.061	1.068	1.060	1.063	1.062	1.047	1.043	1.003	0.892	0.660
McGuire 2	T28	OFA	WE 17x17	3.50				41358	0.691	0.951	1.047	1.061	1.072	1.065	1.071	1.070	1.060	1.066	1.060	1.063	1.062	1.048	1.046	1.006	0.900	0.658
McGuire 2	U46	OFA	WE 17x17	3.50				42316	0.672	0.951	1.051	1.069	1.086	1.075	1.084	1.082	1.066	1.077	1.065	1.067	1.064	1.043	1.038	0.991	0.878	0.637
McGuire 2	T14	OFA	WE 17x17	3.50				42562	0.693	0.952	1.049	1.065	1.076	1.066	1.074	1.072	1.062	1.068	1.060	1.062	1.061	1.046	1.041	1.000	0.899	0.661
McGuire 2	T01	OFA	WE 17x17	3.50				42901	0.686	0.949	1.048	1.066	1.077	1.070	1.076	1.075	1.065	1.072	1.064	1.066	1.065	1.050	1.044	1.000	0.883	0.643
McGuire 2	T05	OFA	WE 17x17	3.50				44129	0.693	0.956	1.058	1.079	1.090	1.083	1.088	1.086	1.075	1.080	1.071	1.072	1.068	1.050	1.037	0.987	0.857	0.599
McGuire 2	T24	OFA	WE 17x17	3.50				44416	0.681	0.949	1.048	1.065	1.076	1.069	1.074	1.073	1.063	1.069	1.061	1.064	1.063	1.048	1.044	1.002	0.891	0.651
McGuire 2	U37	OFA	WE 17x17	3.50				44691	0.675	0.949	1.046	1.063	1.079	1.069	1.078	1.077	1.063	1.073	1.062	1.066	1.066	1.047	1.045	1.001	0.892	0.651
McGuire 2	T72	OFA	WE 17x17	3.50				44722	0.681	0.950	1.048	1.066	1.077	1.070	1.075	1.074	1.064	1.070	1.061	1.064	1.062	1.047	1.042	0.999	0.886	0.655
McGuire 2	T90	OFA	WE 17x17	3.50				45004	0.690	0.945	1.043	1.059	1.070	1.063	1.069	1.066	1.060	1.066	1.059	1.062	1.062	1.049	1.047	1.010	0.903	0.675
McGuire 2	T19	OFA	WE 17x17	3.50				45042	0.686	0.952	1.049	1.065	1.076	1.070	1.076	1.075	1.067	1.074	1.067	1.070	1.070	1.058	1.049	1.008	0.885	0.597
McGuire 2	T35	OFA	WE 17x17	3.50				45236	0.691	0.948	1.043	1.058	1.069	1.063	1.069	1.069	1.060	1.067	1.061	1.064	1.064	1.051	1.049	1.011	0.902	0.663
McGuire 2	U92	OFA	WE 17x17	3.50				45698	0.672	0.952	1.044	1.058	1.077	1.065	1.077	1.076	1.060	1.073	1.061	1.066	1.066	1.045	1.046	1.003	0.896	0.661
McGuire 2	U72	OFA	WE 17x17	3.50				45774	0.678	0.947	1.045	1.063	1.079	1.069	1.078	1.077	1.064	1.074	1.063	1.067	1.065	1.046	1.043	0.999	0.889	0.654
McGuire 2	U91	OFA	WE 17x17	3.50				46011	0.681	0.950	1.047	1.064	1.081	1.071	1.079	1.078	1.064	1.074	1.062	1.066	1.063	1.044	1.041	0.996	0.887	0.654
McGuire 2	U70	OFA	WE 17x17	3.50				46420	0.673	0.952	1.041	1.064	1.073	1.061	1.073	1.073	1.058	1.071	1.060	1.066	1.066	1.046	1.048	1.008	0.908	0.670

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Millstone 3	G101	Zoned	WE 17x17	4.10				14375	0.266	0.849	1.066	1.140	1.156	1.154	1.147	1.140	1.133	1.128	1.126	1.126	1.123	1.110	1.076	0.963	0.756	0.228
Millstone 3	F102	Zoned	WE 17x17	4.19				15118	0.259	0.874	1.064	1.160	1.177	1.174	1.168	1.161	1.155	1.150	1.147	1.143	1.138	1.125	1.089	0.993	0.776	0.228
Millstone 3	G102	Zoned	WE 17x17	4.10				15507	0.285	0.849	1.074	1.154	1.171	1.168	1.158	1.149	1.141	1.133	1.128	1.124	1.117	1.100	1.060	0.959	0.733	0.225
Millstone 3	G201	Zoned	WE 17x17	4.10				15650	0.285	0.889	1.068	1.142	1.158	1.155	1.147	1.139	1.132	1.126	1.123	1.122	1.117	1.103	1.066	0.969	0.761	0.229
Millstone 3	F101	Zoned	WE 17x17	4.19				15676	0.255	0.867	1.061	1.157	1.175	1.174	1.167	1.161	1.156	1.151	1.148	1.146	1.141	1.129	1.094	0.996	0.776	0.224
Millstone 3	G103	Zoned	WE 17x17	4.10				18170	0.285	0.873	1.075	1.140	1.152	1.148	1.140	1.132	1.125	1.119	1.116	1.116	1.113	1.101	1.069	0.963	0.773	0.253
Millstone 3	F103	Zoned	WE 17x17	4.19				20311	0.279	0.889	1.097	1.166	1.182	1.178	1.169	1.160	1.152	1.145	1.139	1.133	1.125	1.109	1.072	0.978	0.774	0.240
Millstone 3	F202	Zoned	WE 17x17	4.19				20780	0.288	0.905	1.092	1.163	1.177	1.173	1.165	1.157	1.149	1.143	1.138	1.133	1.126	1.111	1.075	0.980	0.782	0.243
Millstone 3	G302	Zoned	WE 17x17	4.10				21226	0.301	0.887	1.083	1.155	1.169	1.164	1.153	1.143	1.132	1.123	1.117	1.111	1.103	1.086	1.046	0.948	0.747	0.248
Millstone 3	F201	Zoned	WE 17x17	4.19				23740	0.291	0.910	1.099	1.166	1.179	1.174	1.165	1.156	1.146	1.141	1.135	1.129	1.122	1.108	1.072	0.980	0.780	0.243
Millstone 3	G301	Zoned	WE 17x17	4.10				23895	0.307	0.896	1.083	1.163	1.174	1.168	1.156	1.144	1.133	1.123	1.114	1.108	1.096	1.080	1.040	0.944	0.740	0.234
Millstone 3	F203	Zoned	WE 17x17	4.19				24129	0.293	0.913	1.101	1.170	1.183	1.178	1.169	1.159	1.150	1.143	1.135	1.129	1.120	1.104	1.066	0.971	0.774	0.243
Millstone 3	G401	Zoned	WE 17x17	4.10				24961	0.327	0.916	1.077	1.129	1.134	1.127	1.120	1.113	1.106	1.102	1.100	1.102	1.101	1.093	1.069	0.996	0.821	0.295
Millstone 3	E101	Zoned	WE 17x17	3.91				25405	0.330	0.940	1.090	1.149	1.160	1.156	1.148	1.141	1.135	1.129	1.124	1.120	1.113	1.100	1.069	0.987	0.823	0.287
Millstone 3	E104	Zoned	WE 17x17	3.91				25773	0.316	0.929	1.095	1.156	1.167	1.162	1.154	1.146	1.139	1.133	1.127	1.122	1.116	1.102	1.070	0.985	0.807	0.274
Millstone 3	G403	Zoned	WE 17x17	4.10				25867	0.326	0.916	1.083	1.138	1.145	1.136	1.130	1.121	1.114	1.107	1.103	1.102	1.096	1.086	1.057	0.977	0.798	0.285
Millstone 3	G405	Zoned	WE 17x17	4.10				25932	0.321	0.911	1.090	1.152	1.161	1.154	1.144	1.133	1.123	1.114	1.108	1.103	1.095	1.079	1.044	0.956	0.767	0.287
Millstone 3	E102	Zoned	WE 17x17	3.91				25953	0.317	0.928	1.084	1.155	1.166	1.162	1.154	1.146	1.139	1.133	1.127	1.122	1.116	1.102	1.069	0.995	0.809	0.277
Millstone 3	G402	Zoned	WE 17x17	4.10				26142	0.328	0.919	1.083	1.135	1.140	1.133	1.125	1.117	1.110	1.104	1.100	1.101	1.096	1.088	1.062	0.965	0.808	0.291
Millstone 3	E103	Zoned	WE 17x17	3.91				26386	0.320	0.932	1.086	1.155	1.166	1.161	1.153	1.145	1.138	1.132	1.126	1.121	1.114	1.101	1.068	0.984	0.810	0.278
Millstone 3	G406	Zoned	WE 17x17	4.10				26423	0.325	0.917	1.089	1.146	1.153	1.147	1.137	1.128	1.118	1.111	1.105	1.102	1.096	1.081	1.049	0.964	0.781	0.274
Millstone 3	E105	Zoned	WE 17x17	3.91				26523	0.319	0.932	1.087	1.157	1.167	1.162	1.154	1.146	1.139	1.132	1.127	1.121	1.114	1.101	1.066	0.983	0.807	0.275
Millstone 3	G404	Zoned	WE 17x17	4.10				26593	0.328	0.918	1.085	1.139	1.145	1.138	1.130	1.121	1.113	1.106	1.102	1.101	1.097	1.085	1.056	0.977	0.798	0.287
Millstone 3	F301	Zoned	WE 17x17	4.19				26750	0.305	0.928	1.105	1.168	1.179	1.173	1.163	1.154	1.145	1.137	1.130	1.123	1.114	1.099	1.063	0.973	0.785	0.254
Millstone 3	F302	Zoned	WE 17x17	4.19				26783	0.311	0.931	1.100	1.163	1.174	1.169	1.160	1.151	1.143	1.136	1.130	1.123	1.115	1.100	1.065	0.976	0.793	0.260
Millstone 3	B102		WE 17x17	3.80				32423	0.537	0.895	1.061	1.111	1.122	1.121	1.116	1.111	1.107	1.102	1.096	1.094	1.089	1.079	1.054	0.989	0.818	0.495
Millstone 3	B101		WE 17x17	3.80				34107	0.558	0.912	1.067	1.111	1.120	1.117	1.111	1.106	1.100	1.096	1.091	1.087	1.082	1.073	1.050	0.988	0.824	0.506
Millstone 3	D401	Zoned	WE 17x17	4.19				35397	0.325	0.937	1.090	1.144	1.157	1.155	1.149	1.142	1.136	1.130	1.124	1.118	1.111	1.097	1.067	0.995	0.834	0.288
Millstone 3	D402	Zoned	WE 17x17	4.19				35792	0.324	0.939	1.094	1.147	1.159	1.157	1.151	1.144	1.137	1.131	1.125	1.118	1.110	1.095	1.065	0.993	0.830	0.281
Millstone 3	D102	Zoned	WE 17x17	4.19				36236	0.309	0.914	1.092	1.154	1.167	1.165	1.158	1.151	1.144	1.138	1.132	1.126	1.119	1.105	1.072	0.990	0.803	0.260
Millstone 3	F105	Zoned	WE 17x17	4.19				36991	0.309	0.919	1.092	1.146	1.154	1.151	1.146	1.140	1.136	1.132	1.132	1.118	1.117	1.109	1.085	1.012	0.827	0.276
Millstone 3	D101	Zoned	WE 17x17	4.19				37464	0.320	0.922	1.085	1.142	1.154	1.152	1.147	1.141	1.136	1.132	1.128	1.124	1.118	1.107	1.079	1.003	0.828	0.284
Millstone 3	F106	Zoned	WE 17x17	4.19				37649	0.306	0.915	1.099	1.158	1.168	1.165	1.158	1.151	1.145	1.139	1.137	1.121	1.116	1.104	1.075	0.994	0.797	0.251
Millstone 3	F104	Zoned	WE 17x17	4.19				38711	0.312	0.920	1.093	1.148	1.158	1.156	1.150	1.144	1.139	1.134	1.134	1.118	1.115	1.108	1.080	1.004	0.818	0.271
Millstone 3	F206	Zoned	WE 17x17	4.19				38375	0.311	0.917	1.095	1.156	1.166	1.165	1.158	1.151	1.144	1.139	1.137	1.118	1.114	1.103	1.072	0.989	0.799	0.284
Millstone 3	E107	Zoned	WE 17x17	3.91				38751	0.339	0.932	1.085	1.139	1.149	1.147	1.142	1.137	1.133	1.129	1.131	1.112	1.111	1.103	1.078	1.005	0.839	0.291
Millstone 3	F205	Zoned	WE 17x17	4.19				40747	0.312	0.917	1.095	1.156	1.167	1.164	1.157	1.150	1.144	1.138	1.137	1.117	1.114	1.103	1.073	0.992	0.801	0.285
Millstone 3	C101	Zoned	WE 17x17	3.82				41955	0.341	0.936	1.083	1.145	1.156	1.153	1.147	1.140	1.134	1.128	1.122	1.117	1.109	1.096	1.067	0.995	0.828	0.293
Millstone 3	D602	Zoned	WE 17x17	4.19				42467	0.328	0.933	1.091	1.146	1.159	1.157	1.152	1.146	1.140	1.135	1.132	1.113	1.106	1.093	1.065	0.993	0.829	0.286
Millstone 3	D302	Zoned	WE 17x17	4.19				42751	0.349	0.951	1.080	1.136	1.146	1.143	1.138	1.132	1.126	1.122	1.117	1.112	1.106	1.096	1.071	1.000	0.854	0.308
Millstone 3	D601	Zoned	WE 17x17	4.19				43111	0.327	0.930	1.089	1.146	1.159	1.156	1.153	1.147	1.141	1.136	1.132	1.114	1.108	1.094	1.064	0.991	0.825	0.289
Millstone 3	D201	Zoned	WE 17x17	4.19				43916	0.335	0.937	1.083	1.147	1.157	1.155	1.148	1.141	1.134	1.128	1.123	1.116	1.109	1.095	1.065	0.991	0.827	0.299
Millstone 3	C203	Zoned	WE 17x17	3.82				44066	0.350	0.945	1.094	1.144	1.153	1.151	1.144	1.137	1.131	1.125	1.119	1.113	1.106	1.093	1.065	0.995	0.834	0.301
Millstone 3	C202	Zoned	WE 17x17	3.82				44291	0.356	0.948	1.091	1.139	1.147	1.145	1.139	1.133	1.127	1.122	1.117	1.112	1.105	1.094	1.068	1.001	0.845	0.310
Millstone 3	D502	Zoned	WE 17x17	4.19				44756	0.316	0.914	1.088	1.149	1.162	1.160	1.155	1.149	1.144	1.139	1.138	1.117	1.113	1.102	1.073	0.996	0.813	0.273
Millstone 3	E109	Zoned	WE 17x17	3.91				44906	0.340	0.933	1.083	1.146	1.155	1.152	1.146	1.140	1.134	1.129	1.130	1.111	1.109	1.099	1.073	0.996	0.824	0.289
Millstone 3	C301	Zoned	WE 17x17	3.82				44983	0.358	0.952	1.095	1.141	1.149	1.145	1.139	1.132	1.126	1.121	1.115	1.110	1.104	1.093	1.067	1.001	0.844	0.308
Millstone 3	E108	Zoned	WE 17x17	3.91				45267	0.341	0.934	1.091	1.142	1.149	1.145	1.139	1.134	1.129	1.125	1.126	1.109	1.109	1.101	1.077	1.008	0.836	0.306
Millstone 3	C201	Zoned	WE 17x17	3.82				45380	0.365	0.953	1.089	1.133	1.141	1.138	1.133	1.127	1.122	1.117	1.113	1.106	1.102	1.092	1.068	1.005	0.860	0.335
Millstone 3	E106	Zoned	WE 17x17	3.91				45566	0.342	0.935	1.092	1.143	1.151	1.147	1.141	1.135	1.130	1.126	1.127	1.110	1.109	1.101	1.077	1.008	0.834	0.295
Millstone 3	F204	Zoned	WE 17x17	4.19				45679	0.327	0.930	1.098	1.152	1.161	1.157	1.150	1.143	1.136	1.131	1.129	1.112	1.109	1.099	1.071	0.995	0.816	0.286
Millstone 3	A101		WE 17x17	3.50				46206	0.562	0.920	1.085	1.105	1.113	1.110	1.105	1.100	1.095	1.091	1.088	1.084	1.080	1.072	1.050	0.992	0.833	0.515
Millstone 3	D301	Zoned	WE 17x17	4.19				46346	0.362	0.991	1.091	1.134	1.143	1.140	1.134	1.128	1.123	1.118	1.113	1.108	1.102	1.091	1.067	1.004	0.862	0.319
Millstone 3	F305	Zoned	WE 17x17	4.19				46691	0.328	0.932	1.102	1.150	1.160	1.164	1.157	1.149	1.142	1.135	1.133	1.112	1.106	1.095	1.064	0.983	0.800	0.269
Millstone 3	A102		WE 17x17	3.50				46798	0.574	0.917	1.085	1.106	1.113	1.110	1.106	1.100	1.096	1.091	1.088	1.084	1.080	1.072	1.050	0.991	0.831	0.526
Millstone 3	F303	Zoned	WE 17x17	4.19				47064	0.336	0.936	1.086	1.149	1.158	1.154	1.147	1.141	1.135	1.129	1.129	1.111	1.108	1.099	1.072	0.998	0.821	0.283
Millstone 3	E111	Zoned	WE 17x17	3.91				47178	0.343	0.935	1.086	1.149	1.158	1.154	1.147	1.140	1.134	1.129	1.128	1.110	1.107	1.097	1.070	0.994	0.820	0.290
Millstone 3	E110	Zoned	WE 17x17	3.91				47364	0.343	0.935	1.086	1.149	1.157	1.153	1.147	1.140	1.134	1.128	1.127	1.109	1.108	1.098	1.068	0.992	0.820	0.301
Millstone 3	F304	Zoned	WE 17x17	4.19				47390	0.337	0.936	1.086	1.147	1.155	1.151	1.145	1.139	1.133	1.128	1.126	1.110	1.109	1.099	1.073	1.000	0.827	0.285
Millstone 3	A103		WE 17x17	3.50				50305	0.573	0.917	1.086	1.108	1.114	1.111	1.108	1.101	1.097	1.093	1.089	1.086	1.081	1.073	1.051	0.993	0.832	0.512
Millstone 3	B201		WE 17x17	3.80				50782	0.580	0.919	1.082	1.101	1.109	1.107	1.103	1.099	1.095	1.091	1.088	1.085	1.080	1.072	1.051	0.995	0.841	0.522
Millstone 3	D501	Zoned	WE 17x17	4.19				54582	0.339	0.929	1.089	1.142	1.152	1.149	1.144	1.138	1.133	1.129	1.128	1.113	1.109	1.100	1.076	1.005	0.833	0.291

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Oconee 1	T09		BW 15x15	3.70	0			14540	0.651	0.938	1.056	1.069	1.092	1.097	1.093	1.084	1.085	1.085	1.077	1.077	1.079	1.066	1.048	0.999	0.842	0.539
Oconee 1	S08		BW 15x15	3.60	0			14695	0.650	0.936	1.058	1.090	1.094	1.099	1.095	1.086	1.087	1.086	1.077	1.076	1.077	1.062	1.041	0.993	0.844	0.548
Oconee 1	S04		BW 15x15	3.60				15246	0.669	0.934	1.046	1.077	1.082	1.088	1.085	1.079	1.082	1.082	1.075	1.075	1.076	1.063	1.045	1.001	0.863	0.579
Oconee 1	S01		BW 15x15	3.60			0.8 B4C	17060	0.712	0.948	1.038	1.064	1.069	1.071	1.070	1.068	1.068	1.068	1.066	1.066	1.067	1.060	1.045	1.005	0.867	0.627
Oconee 1	T05		BW 15x15	3.70	0			17284	0.657	0.942	1.059	1.088	1.091	1.094	1.089	1.081	1.081	1.079	1.071	1.070	1.071	1.057	1.039	0.995	0.858	0.576
Oconee 1	S06		BW 15x15	3.60			0.8 B4C	17971	0.705	0.957	1.062	1.093	1.097	1.099	1.092	1.078	1.074	1.072	1.064	1.061	1.058	1.044	1.026	0.983	0.850	0.585
Oconee 1	S07		BW 15x15	3.60			0.8 B4C	18143	0.714	0.965	1.068	1.098	1.102	1.103	1.094	1.081	1.076	1.072	1.064	1.060	1.055	1.041	1.022	0.976	0.840	0.570
Oconee 1	T07		BW 15x15	3.70				18204	0.691	0.956	1.064	1.094	1.097	1.098	1.091	1.077	1.074	1.072	1.064	1.061	1.060	1.046	1.031	0.990	0.856	0.576
Oconee 1	S02		BW 15x15	3.60		1.1	B4C	18346	0.714	0.953	1.049	1.077	1.082	1.084	1.081	1.077	1.076	1.075	1.071	1.068	1.066	1.054	1.035	0.988	0.857	0.593
Oconee 1	S03		BW 15x15	3.60		1.1	B4C	18393	0.717	0.960	1.058	1.087	1.092	1.094	1.087	1.077	1.073	1.071	1.065	1.062	1.058	1.046	1.028	0.984	0.852	0.587
Oconee 1	S05		BW 15x15	3.60		0.8	B4C	19418	0.718	0.963	1.059	1.087	1.092	1.092	1.085	1.074	1.070	1.067	1.062	1.058	1.054	1.043	1.027	0.986	0.861	0.601
Oconee 1	T01		BW 15x15	3.70		0.5	B4C	20054	0.693	0.941	1.038	1.065	1.070	1.072	1.071	1.069	1.070	1.071	1.068	1.069	1.070	1.064	1.050	1.011	0.889	0.620
Oconee 1	T08		BW 15x15	3.70		0.5	B4C	20307	0.705	0.964	1.069	1.099	1.102	1.102	1.094	1.081	1.076	1.073	1.065	1.061	1.058	1.046	1.028	0.982	0.839	0.558
Oconee 1	T02		BW 15x15	3.70		1	B4C	20502	0.706	0.952	1.047	1.078	1.081	1.082	1.080	1.076	1.075	1.074	1.071	1.069	1.068	1.059	1.041	0.994	0.858	0.587
Oconee 1	T03		BW 15x15	3.70		1	B4C	20601	0.706	0.957	1.061	1.092	1.096	1.097	1.092	1.084	1.082	1.079	1.071	1.068	1.065	1.051	1.030	0.978	0.833	0.581
Oconee 1	T06		BW 15x15	3.70		1	B4C	20611	0.713	0.959	1.057	1.086	1.091	1.091	1.084	1.074	1.070	1.067	1.062	1.059	1.056	1.047	1.031	0.980	0.863	0.602
Oconee 1	T04		BW 15x15	3.70		1	B4C	20826	0.714	0.961	1.060	1.090	1.095	1.095	1.088	1.078	1.074	1.071	1.066	1.062	1.059	1.049	1.031	0.985	0.846	0.575
Oconee 1	S04		BW 15x15	3.60				27396	0.673	0.936	1.043	1.073	1.077	1.082	1.079	1.074	1.076	1.076	1.071	1.071	1.072	1.063	1.047	1.007	0.879	0.602
Oconee 1	R06		BW 15x15	3.55				28415	0.702	0.951	1.051	1.081	1.087	1.088	1.082	1.072	1.070	1.068	1.063	1.062	1.060	1.051	1.036	0.997	0.873	0.607
Oconee 1	R03		BW 15x15	3.55				29341	0.682	0.942	1.040	1.068	1.073	1.075	1.073	1.070	1.070	1.071	1.069	1.069	1.069	1.062	1.048	1.010	0.891	0.619
Oconee 1	R07		BW 15x15	3.55				29524	0.683	0.945	1.050	1.080	1.084	1.087	1.084	1.076	1.075	1.074	1.068	1.067	1.067	1.056	1.040	0.998	0.868	0.595
Oconee 1	S08		BW 15x15	3.60	0			29938	0.671	0.942	1.050	1.080	1.084	1.088	1.084	1.078	1.079	1.078	1.072	1.071	1.071	1.060	1.043	0.998	0.868	0.585
Oconee 1	R02		BW 15x15	3.55				30079	0.698	0.944	1.038	1.065	1.070	1.073	1.072	1.070	1.070	1.070	1.068	1.068	1.068	1.061	1.047	1.008	0.888	0.621
Oconee 1	S09		BW 15x15	3.60	0			31606	0.680	0.952	1.062	1.091	1.095	1.096	1.094	1.086	1.086	1.084	1.077	1.076	1.076	1.064	1.046	0.999	0.837	0.498
Oconee 1	S05		BW 15x15	3.60			0.8 B4C	32687	0.698	0.952	1.053	1.082	1.087	1.089	1.083	1.074	1.072	1.070	1.065	1.063	1.062	1.052	1.037	0.995	0.867	0.599
Oconee 1	R01		BW 15x15	3.55				32790	0.700	0.950	1.048	1.077	1.083	1.084	1.080	1.073	1.071	1.070	1.066	1.064	1.063	1.054	1.038	0.997	0.874	0.607
Oconee 1	R08		BW 15x15	3.55				33153	0.702	0.958	1.061	1.091	1.095	1.097	1.091	1.080	1.077	1.074	1.067	1.065	1.063	1.051	1.034	0.990	0.858	0.598
Oconee 1	R05		BW 15x15	3.55				33918	0.710	0.955	1.050	1.078	1.083	1.084	1.079	1.072	1.069	1.067	1.063	1.061	1.060	1.051	1.036	0.998	0.874	0.612
Oconee 1	P09		BW 15x15	3.55				34102	0.682	0.941	1.038	1.065	1.071	1.073	1.072	1.070	1.071	1.071	1.069	1.069	1.069	1.063	1.050	1.012	0.895	0.622
Oconee 1	P05		BW 15x15	3.55				34627	0.700	0.947	1.044	1.073	1.079	1.081	1.077	1.071	1.070	1.069	1.065	1.064	1.062	1.053	1.039	1.001	0.863	0.619
Oconee 1	R04		BW 15x15	3.55				35149	0.717	0.959	1.050	1.076	1.081	1.081	1.076	1.069	1.066	1.064	1.060	1.058	1.056	1.049	1.035	0.997	0.861	0.626
Oconee 1	S01		BW 15x15	3.60			0.8 B4C	35226	0.704	0.947	1.036	1.062	1.067	1.068	1.067	1.066	1.066	1.066	1.065	1.065	1.065	1.061	1.048	1.010	0.896	0.640
Oconee 1	R03		BW 15x15	3.55				35307	0.684	0.940	1.035	1.063	1.069	1.071	1.070	1.068	1.068	1.069	1.068	1.068	1.069	1.064	1.051	1.014	0.900	0.630
Oconee 1	P08		BW 15x15	3.55				35815	0.688	0.946	1.046	1.075	1.080	1.083	1.079	1.073	1.072	1.071	1.068	1.065	1.064	1.055	1.040	1.001	0.861	0.612
Oconee 1	S03		BW 15x15	3.60		1.1	B4C	36302	0.706	0.949	1.039	1.068	1.073	1.073	1.071	1.068	1.067	1.066	1.065	1.065	1.063	1.058	1.045	1.006	0.891	0.630
Oconee 1	S02		BW 15x15	3.60		1.1	B4C	36464	0.703	0.945	1.035	1.062	1.067	1.069	1.068	1.067	1.068	1.068	1.067	1.067	1.067	1.062	1.049	1.009	0.893	0.632
Oconee 1	S05		BW 15x15	3.60		0.8	B4C	37166	0.706	0.957	1.052	1.080	1.085	1.085	1.080	1.073	1.070	1.068	1.064	1.062	1.059	1.051	1.035	0.993	0.870	0.609
Oconee 1	S07		BW 15x15	3.60		0.8	B4C	37250	0.706	0.958	1.050	1.078	1.083	1.083	1.079	1.072	1.070	1.068	1.065	1.063	1.060	1.053	1.037	0.995	0.873	0.606
Oconee 1	P09		BW 15x15	3.55				38353	0.684	0.939	1.035	1.062	1.068	1.070	1.070	1.068	1.069	1.070	1.069	1.069	1.069	1.064	1.052	1.015	0.900	0.629
Oconee 1	P05		BW 15x15	3.55				38589	0.700	0.945	1.039	1.069	1.075	1.077	1.074	1.069	1.068	1.067	1.065	1.064	1.062	1.056	1.043	1.006	0.892	0.629
Oconee 1	R01		BW 15x15	3.55				38789	0.700	0.946	1.041	1.070	1.076	1.077	1.075	1.070	1.069	1.068	1.066	1.065	1.064	1.058	1.044	1.004	0.887	0.622
Oconee 1	R06		BW 15x15	3.55				38032	0.700	0.953	1.053	1.083	1.088	1.090	1.085	1.077	1.075	1.073	1.068	1.067	1.065	1.056	1.040	0.996	0.867	0.585
Oconee 1	P03		BW 15x15	3.55				39419	0.709	0.952	1.044	1.072	1.077	1.078	1.075	1.069	1.067	1.066	1.063	1.061	1.059	1.052	1.039	1.001	0.887	0.629
Oconee 1	P10		BW 15x15	3.55				39618	0.705	0.951	1.046	1.075	1.081	1.082	1.078	1.072	1.069	1.068	1.064	1.062	1.060	1.051	1.037	0.997	0.879	0.620
Oconee 1	N03		BW 15x15	3.65				40070	0.697	0.945	1.044	1.075	1.081	1.081	1.074	1.067	1.065	1.065	1.062	1.061	1.060	1.053	1.042	1.006	0.892	0.627
Oconee 1	R05		BW 15x15	3.55				40595	0.708	0.950	1.042	1.070	1.076	1.077	1.074	1.069	1.067	1.066	1.064	1.063	1.061	1.055	1.042	1.003	0.887	0.626
Oconee 1	R06		BW 15x15	3.55				43754	0.705	0.946	1.036	1.064	1.071	1.072	1.069	1.065	1.064	1.064	1.063	1.063	1.063	1.058	1.047	1.010	0.898	0.640
Oconee 1	R09		BW 15x15	3.55				44825	0.710	0.953	1.045	1.074	1.080	1.080	1.076	1.069	1.066	1.065	1.062	1.061	1.059	1.053	1.039	1.000	0.883	0.624
Oconee 1	P06		BW 15x15	3.55				44877	0.710	0.951	1.042	1.069	1.076	1.076	1.074	1.069	1.067	1.066	1.064	1.062	1.060	1.053	1.040	1.001	0.888	0.632
Oconee 1	R07		BW 15x15	3.55				45084	0.707	0.960	1.058	1.085	1.091	1.092	1.084	1.080	1.058	1.058	1.051	1.050	1.049	1.042	1.032	1.009	0.892	0.626
Oconee 1	P04		BW 15x15	3.55				45479	0.711	0.948	1.033	1.059	1.066	1.066	1.066	1.065	1.065	1.065	1.065	1.065	1.063	1.058	1.047	1.010	0.901	0.644
Oconee 1	P01		BW 15x15	3.55				45562	0.710	0.948	1.034	1.059	1.065	1.066	1.065	1.063	1.062	1.063	1.062	1.062	1.061	1.057	1.047	1.013	0.908	0.654
Oconee 1	P07		BW 15x15	3.55				46213	0.712	0.951	1.039	1.066	1.072	1.072	1.069	1.065	1.063	1.062	1.061	1.060	1.059	1.054	1.042	1.008	0.900	0.646
Oconee 1	R02		BW 15x15	3.55				46294	0.710	0.951	1.039	1.067	1.073	1.074	1.073	1.072	1.072	1.071	1.070	1.070	1.069	1.064	1.051	1.010	0.891	0.583
Oconee 1	N02		BW 15x15	3.65				46914	0.707	0.957	1.053	1.082	1.088	1.088	1.080	1.058	1.055	1.055	1.052	1.050	1.048	1.042	1.034	1.014	0.902	0.636
Oconee 1	P02		BW 15x15	3.55				48079	0.716	0.954	1.043	1.071	1.078	1.078	1.075	1.071	1.069	1.067	1.065	1.064	1.061	1.054	1.041	1.001	0.887	0.604
Oconee 1	N01		BW 15x15	3.65				49795	0.707	0.938	1.023	1.049	1.056	1.056	1.056	1.057	1.059	1.061	1.064	1.065	1.065	1.063	1.056	1.025	0.927	0.674
Oconee 1	R04		BW 15x15	3.55				50142	0.715	0.950	1.036	1.062	1.066	1.069	1.067	1.063	1.062	1.062	1.061	1.061	1.061	1.057	1.046	1.009	0.901	0.650

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/MT)	Fraction of Core Height: Nonnalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Oconee 2	R06		BW 15x15	3.85	0			14241	0.639	0.928	1.053	1.088	1.094	1.100	1.096	1.088	1.089	1.089	1.081	1.081	1.082	1.067	1.046	0.996	0.842	0.540
Oconee 2	S06	Zoned	BW 15x15	3.82	0			14718	0.476	0.927	1.075	1.124	1.133	1.139	1.133	1.122	1.121	1.119	1.109	1.108	1.107	1.090	1.064	0.999	0.789	0.376
Oconee 2	R04		BW 15x15	3.85				15319	0.683	0.929	1.044	1.078	1.083	1.089	1.087	1.081	1.083	1.084	1.077	1.078	1.079	1.066	1.048	1.000	0.859	0.573
Oconee 2	S04	Zoned	BW 15x15	3.82				16301	0.482	0.927	1.084	1.112	1.121	1.128	1.121	1.112	1.111	1.109	1.100	1.099	1.098	1.082	1.058	0.998	0.842	0.427
Oconee 2	R06		BW 15x15	3.85		0.8	B4C	17914	0.695	0.949	1.058	1.082	1.087	1.100	1.093	1.079	1.076	1.074	1.067	1.065	1.063	1.049	1.030	0.985	0.848	0.580
Oconee 2	R02		BW 15x15	3.85		1.1	B4C	18955	0.700	0.940	1.038	1.070	1.077	1.080	1.078	1.076	1.076	1.076	1.073	1.072	1.071	1.060	1.041	0.995	0.868	0.609
Oconee 2	S06	Zoned	BW 15x15	3.82		0.8	B4C	19003	0.611	0.941	1.073	1.123	1.132	1.134	1.124	1.107	1.101	1.098	1.088	1.085	1.081	1.066	1.044	0.995	0.858	0.441
Oconee 2	R07		BW 15x15	3.85		0.8	B4C	19038	0.703	0.957	1.063	1.087	1.102	1.103	1.095	1.082	1.078	1.075	1.067	1.064	1.060	1.046	1.026	0.979	0.838	0.564
Oconee 2	R01		BW 15x15	3.85		1.1	B4C	19001	0.696	0.945	1.051	1.085	1.091	1.094	1.090	1.084	1.083	1.082	1.076	1.074	1.071	1.057	1.035	0.982	0.838	0.566
Oconee 2	R03		BW 15x15	3.85		1.1	B4C	19450	0.706	0.954	1.054	1.087	1.093	1.094	1.088	1.078	1.075	1.073	1.066	1.066	1.063	1.051	1.032	0.986	0.849	0.580
Oconee 2	R05		BW 15x15	3.85		1.1	B4C	19519	0.713	0.956	1.054	1.086	1.093	1.094	1.087	1.077	1.073	1.070	1.065	1.062	1.058	1.047	1.028	0.983	0.855	0.596
Oconee 2	S01	Zoned	BW 15x15	3.82		1.1	B4C	20264	0.511	0.937	1.087	1.117	1.127	1.129	1.123	1.113	1.110	1.108	1.097	1.094	1.089	1.073	1.047	0.969	0.845	0.428
Oconee 2	S07	Zoned	BW 15x15	3.82		1.4	B4C	20462	0.520	0.947	1.077	1.128	1.138	1.139	1.127	1.109	1.102	1.096	1.087	1.083	1.077	1.061	1.038	0.989	0.851	0.430
Oconee 2	S02	Zoned	BW 15x15	3.82		1.4	B4C	20560	0.525	0.936	1.061	1.096	1.106	1.108	1.104	1.099	1.097	1.095	1.090	1.088	1.085	1.074	1.055	1.012	0.896	0.460
Oconee 2	S03	Zoned	BW 15x15	3.82		0.8	B4C	20748	0.518	0.945	1.070	1.119	1.129	1.130	1.120	1.106	1.100	1.096	1.089	1.086	1.081	1.068	1.047	0.996	0.858	0.440
Oconee 2	S05	Zoned	BW 15x15	3.82		1.4	B4C	21058	0.521	0.942	1.066	1.116	1.126	1.127	1.117	1.103	1.096	1.091	1.085	1.081	1.076	1.064	1.044	1.001	0.861	0.463
Oconee 2	P07		BW 15x15	3.30				25858	0.674	0.936	1.043	1.074	1.080	1.084	1.082	1.077	1.077	1.077	1.072	1.072	1.072	1.062	1.045	1.002	0.874	0.586
Oconee 2	P08		BW 15x15	3.30				27427	0.676	0.943	1.052	1.084	1.090	1.093	1.089	1.081	1.080	1.078	1.072	1.071	1.070	1.058	1.040	0.994	0.858	0.574
Oconee 2	R04		BW 15x15	3.85				27473	0.843	0.919	1.041	1.079	1.087	1.092	1.089	1.083	1.084	1.084	1.079	1.079	1.079	1.068	1.050	1.003	0.863	0.577
Oconee 2	R08		BW 15x15	3.85	0			29267	0.630	0.918	1.047	1.086	1.094	1.099	1.099	1.089	1.089	1.088	1.082	1.082	1.081	1.069	1.048	0.997	0.849	0.555
Oconee 2	P03		BW 15x15	3.30				30028	0.696	0.945	1.044	1.075	1.081	1.084	1.081	1.074	1.072	1.071	1.068	1.067	1.066	1.057	1.042	0.999	0.874	0.607
Oconee 2	P01		BW 15x15	3.30				30654	0.696	0.937	1.026	1.054	1.062	1.064	1.064	1.065	1.066	1.067	1.069	1.069	1.070	1.067	1.055	1.018	0.907	0.644
Oconee 2	R11		BW 15x15	3.85	0			31639	0.637	0.929	1.061	1.101	1.109	1.112	1.107	1.096	1.096	1.094	1.087	1.085	1.084	1.070	1.048	0.994	0.817	0.471
Oconee 2	P09		BW 15x15	3.30				31891	0.702	0.954	1.053	1.084	1.091	1.092	1.087	1.079	1.078	1.073	1.069	1.067	1.065	1.056	1.040	0.998	0.863	0.549
Oconee 2	P04		BW 15x15	3.30				32222	0.702	0.945	1.036	1.065	1.072	1.074	1.072	1.068	1.066	1.066	1.065	1.064	1.063	1.058	1.045	1.007	0.885	0.637
Oconee 2	P02		BW 15x15	3.30				32774	0.704	0.948	1.039	1.068	1.076	1.077	1.075	1.071	1.069	1.068	1.067	1.066	1.065	1.059	1.045	1.004	0.884	0.616
Oconee 2	R05		BW 15x15	3.85		0.8	B4C	32980	0.683	0.933	1.052	1.090	1.098	1.100	1.094	1.084	1.080	1.078	1.073	1.071	1.069	1.058	1.039	0.992	0.852	0.574
Oconee 2	P06		BW 15x15	3.30				33582	0.702	0.954	1.054	1.085	1.091	1.093	1.087	1.078	1.074	1.071	1.066	1.064	1.061	1.050	1.033	0.987	0.858	0.582
Oconee 2	P05		BW 15x15	3.30				33708	0.701	0.952	1.049	1.079	1.085	1.086	1.082	1.074	1.071	1.069	1.065	1.064	1.061	1.052	1.036	0.994	0.871	0.609
Oconee 2	P08		BW 15x15	3.30				34519	0.668	0.934	1.043	1.078	1.086	1.088	1.085	1.080	1.078	1.077	1.074	1.073	1.072	1.063	1.046	1.000	0.866	0.585
Oconee 2	R02		BW 15x15	3.85		1.1	B4C	35162	0.680	0.929	1.028	1.060	1.069	1.071	1.071	1.071	1.071	1.072	1.072	1.072	1.072	1.067	1.053	1.013	0.896	0.632
Oconee 2	R09		BW 15x15	3.85				36396	0.674	0.929	1.034	1.069	1.078	1.080	1.078	1.077	1.076	1.076	1.075	1.074	1.073	1.067	1.050	1.005	0.879	0.606
Oconee 2	R10		BW 15x15	3.85				36613	0.680	0.934	1.036	1.071	1.079	1.081	1.078	1.074	1.073	1.072	1.071	1.070	1.068	1.062	1.047	1.006	0.882	0.612
Oconee 2	R07		BW 15x15	3.85		0.8	B4C	36620	0.686	0.935	1.054	1.091	1.099	1.101	1.095	1.085	1.082	1.079	1.074	1.071	1.068	1.057	1.037	0.989	0.848	0.569
Oconee 2	M02		BW 15x15	3.55				36862	0.685	0.941	1.040	1.070	1.076	1.079	1.077	1.072	1.072	1.071	1.068	1.066	1.066	1.061	1.047	1.007	0.886	0.612
Oconee 2	R03		BW 15x15	3.85		1.1	B4C	37161	0.680	0.934	1.039	1.073	1.081	1.083	1.080	1.076	1.074	1.073	1.071	1.070	1.068	1.062	1.046	1.004	0.878	0.606
Oconee 2	N08		BW 15x15	3.88				37209	0.686	0.946	1.049	1.077	1.083	1.086	1.082	1.075	1.074	1.073	1.067	1.066	1.066	1.055	1.040	0.999	0.874	0.602
Oconee 2	N09		BW 15x15	3.88				37753	0.709	0.950	1.040	1.065	1.070	1.072	1.069	1.065	1.064	1.064	1.062	1.061	1.061	1.055	1.044	1.010	0.899	0.641
Oconee 2	R05		BW 15x15	3.85		1.1	B4C	37791	0.677	0.936	1.044	1.080	1.089	1.089	1.085	1.078	1.075	1.073	1.070	1.068	1.066	1.058	1.041	0.996	0.871	0.603
Oconee 2	R01		BW 15x15	3.85		1.1	B4C	38130	0.686	0.933	1.050	1.088	1.096	1.098	1.092	1.084	1.081	1.078	1.074	1.072	1.066	1.058	1.039	0.991	0.854	0.577
Oconee 2	P02		BW 15x15	3.30				38219	0.693	0.939	1.033	1.064	1.074	1.074	1.073	1.071	1.069	1.069	1.070	1.068	1.068	1.064	1.050	1.006	0.890	0.621
Oconee 2	P06		BW 15x15	3.30				38795	0.692	0.944	1.045	1.079	1.086	1.088	1.084	1.077	1.074	1.072	1.069	1.067	1.065	1.056	1.040	0.994	0.867	0.600
Oconee 2	N10		BW 15x15	3.88				39425	0.711	0.949	1.036	1.061	1.067	1.068	1.066	1.063	1.062	1.063	1.061	1.061	1.062	1.057	1.047	1.013	0.904	0.648
Oconee 2	N04		BW 15x15	3.88				40305	0.714	0.952	1.041	1.068	1.073	1.075	1.072	1.068	1.067	1.066	1.064	1.063	1.061	1.055	1.042	1.004	0.889	0.628
Oconee 2	N05		BW 15x15	3.88				40449	0.713	0.954	1.048	1.076	1.081	1.083	1.079	1.071	1.069	1.067	1.063	1.061	1.059	1.050	1.035	0.996	0.876	0.619
Oconee 2	N09		BW 15x15	3.88				41807	0.703	0.944	1.035	1.062	1.069	1.070	1.069	1.065	1.065	1.065	1.064	1.063	1.063	1.059	1.047	1.012	0.902	0.643
Oconee 2	P07		BW 15x15	3.30				41613	0.672	0.942	1.056	1.092	1.101	1.103	1.093	1.064	1.060	1.058	1.055	1.055	1.053	1.046	1.035	1.015	0.889	0.610
Oconee 2	N08		BW 15x15	3.88				41615	0.682	0.941	1.044	1.074	1.081	1.083	1.081	1.075	1.074	1.073	1.069	1.069	1.068	1.059	1.043	1.001	0.877	0.605
Oconee 2	N03		BW 15x15	3.88				44357	0.703	0.960	1.044	1.072	1.077	1.080	1.078	1.074	1.074	1.073	1.070	1.069	1.068	1.060	1.045	1.005	0.881	0.579
Oconee 2	N07		BW 15x15	3.88				44684	0.705	0.951	1.046	1.073	1.078	1.080	1.077	1.071	1.070	1.068	1.064	1.063	1.062	1.053	1.036	0.999	0.861	0.621
Oconee 2	P04		BW 15x15	3.30				44746	0.686	0.935	1.024	1.054	1.063	1.064	1.064	1.064	1.063	1.063	1.065	1.066	1.066	1.065	1.055	1.019	0.914	0.659
Oconee 2	N10		BW 15x15	3.88				45168	0.700	0.942	1.034	1.062	1.069	1.071	1.069	1.066	1.066	1.066	1.065	1.066	1.066	1.061	1.049	1.012	0.897	0.637
Oconee 2	P01		BW 15x15	3.30				45631	0.683	0.932	1.030	1.063	1.073	1.074	1.074	1.074	1.073	1.073	1.075	1.075	1.074	1.072	1.059	1.018	0.889	0.590
Oconee 2	P03		BW 15x15	3.30				45942	0.678	0.931	1.035	1.070	1.078	1.081	1.078	1.074	1.072	1.071	1.070	1.070	1.068	1.062	1.048	1.006	0.886	0.619
Oconee 2	M01		BW 15x15	3.55				46052	0.714	0.957	1.049	1.079	1.086	1.088	1.080	1.058	1.054	1.053	1.051	1.050	1.049	1.044	1.034	1.012	0.900	0.642
Oconee 2	N02		BW 15x15	3.88				46685	0.713	0.948	1.035	1.062	1.068	1.070	1.068	1.065	1.065	1.065	1.064	1.063	1.062	1.057	1.044	1.007	0.896	0.647
Oconee 2	N01		BW 15x15	3.88				47018	0.715	0.952	1.040	1.067	1.073	1.074	1.072	1.068	1.067	1.066	1.064	1.064	1.062	1.057	1.044	1.006	0.893	0.615
Oconee 2	N06		BW 15x15	3.88				48589	0.717	0.948	1.031	1.056	1.061	1.063	1.062	1.061	1.062	1.063	1.062	1.063	1.063	1.059	1.048	1.014	0.909	0.658

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Oconee 3	R06		BW 15x15	3.55				14443	0.873	0.939	1.053	1.086	1.090	1.096	1.093	1.084	1.085	1.085	1.076	1.075	1.076	1.061	1.041	0.994	0.844	0.548
Oconee 3	S08		BW 15x15	3.60	0			15107	0.851	0.939	1.083	1.096	1.099	1.103	1.097	1.086	1.085	1.083	1.074	1.073	1.075	1.060	1.041	0.992	0.840	0.542
Oconee 3	R04		BW 15x15	3.55				15113	0.862	0.943	1.052	1.082	1.086	1.091	1.087	1.080	1.080	1.079	1.071	1.070	1.070	1.056	1.037	0.994	0.858	0.580
Oconee 3	S04		BW 15x15	3.60	0			15437	0.853	0.934	1.053	1.084	1.089	1.093	1.089	1.080	1.081	1.080	1.072	1.072	1.073	1.060	1.042	0.999	0.864	0.583
Oconee 3	S06		BW 15x15	3.60			0.8 B4C	18208	0.704	0.958	1.085	1.098	1.102	1.103	1.093	1.076	1.071	1.068	1.060	1.058	1.056	1.043	1.026	0.984	0.851	0.585
Oconee 3	S01		BW 15x15	3.60			0.8 B4C	18364	0.701	0.951	1.056	1.088	1.093	1.095	1.090	1.082	1.080	1.078	1.071	1.069	1.067	1.053	1.032	0.983	0.842	0.589
Oconee 3	R08		BW 15x15	3.55			0.8 B4C	18463	0.711	0.960	1.084	1.094	1.098	1.100	1.092	1.078	1.074	1.071	1.062	1.059	1.056	1.042	1.024	0.982	0.850	0.587
Oconee 3	R01		BW 15x15	3.55			0.8 B4C	18756	0.726	0.962	1.048	1.072	1.076	1.077	1.073	1.069	1.068	1.067	1.063	1.062	1.060	1.052	1.036	0.999	0.877	0.611
Oconee 3	R02		BW 15x15	3.55			1.1 B4C	18822	0.716	0.957	1.057	1.087	1.092	1.094	1.089	1.082	1.080	1.078	1.070	1.066	1.063	1.048	1.027	0.977	0.841	0.577
Oconee 3	S02		BW 15x15	3.60			0.8 B4C	18837	0.703	0.945	1.042	1.071	1.076	1.078	1.076	1.072	1.072	1.071	1.068	1.068	1.067	1.059	1.043	1.001	0.876	0.614
Oconee 3	S05		BW 15x15	3.60			0.8 B4C	18968	0.712	0.956	1.054	1.085	1.091	1.091	1.083	1.071	1.068	1.064	1.060	1.058	1.057	1.048	1.034	0.994	0.869	0.607
Oconee 3	R05		BW 15x15	3.55			1.1 B4C	18984	0.735	0.969	1.057	1.084	1.088	1.088	1.080	1.069	1.064	1.061	1.056	1.052	1.050	1.041	1.027	0.991	0.872	0.619
Oconee 3	S03		BW 15x15	3.60			1.1 B4C	18991	0.715	0.958	1.058	1.090	1.095	1.096	1.088	1.075	1.070	1.068	1.063	1.061	1.058	1.048	1.031	0.988	0.854	0.586
Oconee 3	S07		BW 15x15	3.60			0.8 B4C	18992	0.710	0.962	1.067	1.100	1.104	1.104	1.093	1.078	1.071	1.068	1.061	1.058	1.056	1.044	1.027	0.983	0.844	0.570
Oconee 3	R07		BW 15x15	3.55			1.1 B4C	19252	0.722	0.966	1.066	1.086	1.100	1.101	1.093	1.079	1.074	1.070	1.062	1.057	1.053	1.040	1.022	0.978	0.843	0.579
Oconee 3	R03		BW 15x15	3.55			1.1 B4C	19487	0.730	0.967	1.060	1.088	1.092	1.093	1.086	1.075	1.070	1.067	1.061	1.057	1.053	1.042	1.025	0.984	0.856	0.584
Oconee 3	R04		BW 15x15	3.55				24550	0.677	0.938	1.045	1.075	1.081	1.085	1.082	1.076	1.076	1.075	1.070	1.070	1.070	1.060	1.044	1.003	0.875	0.598
Oconee 3	P05		BW 15x15	3.45				26883	0.679	0.939	1.043	1.072	1.077	1.082	1.080	1.075	1.076	1.076	1.071	1.070	1.071	1.060	1.044	1.003	0.877	0.603
Oconee 3	P07		BW 15x15	3.45				27150	0.700	0.952	1.053	1.083	1.088	1.090	1.085	1.076	1.072	1.070	1.065	1.063	1.061	1.051	1.035	0.993	0.866	0.597
Oconee 3	P03		BW 15x15	3.45				29327	0.688	0.946	1.040	1.064	1.069	1.071	1.070	1.067	1.068	1.066	1.066	1.066	1.067	1.062	1.050	1.014	0.899	0.627
Oconee 3	R08		BW 15x15	3.55				30186	0.683	0.946	1.054	1.085	1.089	1.092	1.087	1.078	1.077	1.075	1.068	1.068	1.067	1.056	1.039	0.995	0.860	0.580
Oconee 3	R05		BW 15x15	3.55			1.1 B4C	30664	0.711	0.954	1.048	1.076	1.081	1.082	1.077	1.069	1.066	1.064	1.060	1.059	1.058	1.050	1.037	1.000	0.882	0.624
Oconee 3	P05		BW 15x15	3.45				31274	0.679	0.936	1.038	1.067	1.073	1.078	1.077	1.073	1.074	1.074	1.070	1.070	1.071	1.062	1.048	1.008	0.887	0.615
Oconee 3	P01		BW 15x15	3.45				32061	0.712	0.950	1.037	1.061	1.066	1.067	1.065	1.062	1.061	1.061	1.061	1.061	1.061	1.058	1.049	1.016	0.908	0.647
Oconee 3	P07		BW 15x15	3.45				32602	0.685	0.947	1.047	1.077	1.083	1.085	1.081	1.074	1.071	1.070	1.066	1.065	1.063	1.055	1.040	0.999	0.875	0.606
Oconee 3	P06		BW 15x15	3.45				32693	0.704	0.954	1.053	1.083	1.088	1.090	1.085	1.076	1.073	1.071	1.064	1.062	1.060	1.048	1.032	0.990	0.864	0.602
Oconee 3	P02		BW 15x15	3.45				32763	0.713	0.952	1.039	1.063	1.067	1.068	1.066	1.062	1.061	1.061	1.060	1.060	1.060	1.056	1.047	1.014	0.904	0.644
Oconee 3	N09		BW 15x15	3.80				33062	0.702	0.948	1.045	1.074	1.079	1.079	1.073	1.066	1.065	1.064	1.062	1.062	1.062	1.056	1.044	1.008	0.887	0.625
Oconee 3	R01		BW 15x15	3.55			0.8 B4C	33468	0.711	0.948	1.032	1.057	1.062	1.064	1.063	1.063	1.063	1.064	1.064	1.064	1.065	1.061	1.051	1.016	0.907	0.646
Oconee 3	P08		BW 15x15	3.45				34025	0.709	0.957	1.052	1.079	1.084	1.086	1.083	1.076	1.076	1.074	1.070	1.068	1.066	1.056	1.040	0.998	0.868	0.558
Oconee 3	R09		BW 15x15	3.55				34293	0.703	0.948	1.042	1.070	1.075	1.077	1.074	1.066	1.067	1.067	1.064	1.063	1.063	1.055	1.042	1.004	0.888	0.628
Oconee 3	R06		BW 15x15	3.55			0.8 B4C	34386	0.706	0.951	1.045	1.073	1.079	1.080	1.076	1.071	1.069	1.067	1.065	1.064	1.062	1.055	1.041	1.001	0.881	0.616
Oconee 3	R02		BW 15x15	3.55			1.1 B4C	34773	0.707	0.957	1.057	1.087	1.092	1.093	1.089	1.082	1.079	1.077	1.071	1.069	1.067	1.056	1.038	0.991	0.852	0.536
Oconee 3	P04		BW 15x15	3.45				35152	0.713	0.959	1.053	1.080	1.085	1.086	1.081	1.072	1.069	1.067	1.062	1.060	1.057	1.047	1.032	0.991	0.872	0.614
Oconee 3	R07		BW 15x15	3.55			1.1 B4C	35633	0.710	0.957	1.054	1.084	1.089	1.090	1.084	1.074	1.071	1.068	1.063	1.061	1.059	1.048	1.032	0.990	0.864	0.601
Oconee 3	P10		BW 15x15	3.45				35689	0.688	0.942	1.037	1.063	1.069	1.071	1.070	1.068	1.068	1.068	1.067	1.068	1.068	1.064	1.052	1.014	0.898	0.626
Oconee 3	R03		BW 15x15	3.55			1.1 B4C	36208	0.716	0.956	1.047	1.074	1.080	1.080	1.076	1.069	1.067	1.065	1.062	1.061	1.059	1.052	1.038	0.998	0.880	0.620
Oconee 3	N09		BW 15x15	3.80				36369	0.701	0.945	1.039	1.068	1.074	1.074	1.070	1.065	1.064	1.064	1.062	1.063	1.063	1.058	1.047	1.010	0.897	0.637
Oconee 3	P08		BW 15x15	3.45				36893	0.707	0.951	1.044	1.071	1.077	1.079	1.077	1.074	1.073	1.072	1.069	1.068	1.066	1.059	1.044	1.003	0.881	0.585
Oconee 3	N04		BW 15x15	3.80				39681	0.714	0.957	1.049	1.077	1.082	1.082	1.078	1.068	1.066	1.064	1.060	1.059	1.058	1.050	1.037	0.998	0.881	0.622
Oconee 3	M03		BW 15x15	3.48				40681	0.702	0.946	1.041	1.072	1.079	1.080	1.075	1.069	1.067	1.065	1.063	1.061	1.060	1.054	1.043	1.006	0.890	0.628
Oconee 3	N10		BW 15x15	3.80				40922	0.711	0.955	1.050	1.078	1.083	1.084	1.079	1.070	1.068	1.066	1.062	1.061	1.059	1.051	1.037	0.997	0.876	0.613
Oconee 3	M02		BW 15x15	3.48				41293	0.698	0.943	1.035	1.064	1.071	1.072	1.068	1.065	1.064	1.064	1.064	1.064	1.064	1.060	1.050	1.013	0.902	0.641
Oconee 3	N01		BW 15x15	3.80				43244	0.704	0.947	1.037	1.060	1.064	1.066	1.065	1.063	1.064	1.065	1.063	1.064	1.065	1.060	1.049	1.015	0.905	0.645
Oconee 3	P03		BW 15x15	3.45				43262	0.700	0.943	1.030	1.055	1.062	1.063	1.063	1.063	1.063	1.064	1.065	1.066	1.066	1.064	1.053	1.018	0.912	0.651
Oconee 3	P02		BW 15x15	3.45				43364	0.710	0.947	1.034	1.059	1.065	1.066	1.065	1.063	1.062	1.062	1.062	1.062	1.062	1.059	1.046	1.014	0.906	0.651
Oconee 3	N03		BW 15x15	3.80				44179	0.713	0.948	1.032	1.057	1.062	1.063	1.063	1.062	1.062	1.063	1.063	1.063	1.063	1.060	1.049	1.015	0.906	0.654
Oconee 3	N05		BW 15x15	3.80				44792	0.706	0.953	1.045	1.071	1.076	1.078	1.075	1.069	1.068	1.067	1.062	1.062	1.061	1.053	1.040	1.003	0.887	0.625
Oconee 3	N07		BW 15x15	3.80				45342	0.726	0.969	1.062	1.089	1.094	1.094	1.083	1.056	1.052	1.050	1.045	1.043	1.042	1.034	1.025	1.008	0.892	0.637
Oconee 3	N06		BW 15x15	3.80				45741	0.712	0.950	1.035	1.058	1.062	1.063	1.062	1.060	1.061	1.061	1.060	1.061	1.062	1.058	1.048	1.016	0.912	0.658
Oconee 3	P01		BW 15x15	3.45				46203	0.717	0.951	1.035	1.061	1.066	1.068	1.067	1.065	1.064	1.064	1.064	1.065	1.064	1.062	1.052	1.016	0.904	0.614
Oconee 3	P06		BW 15x15	3.45				46651	0.719	0.964	1.057	1.087	1.093	1.094	1.085	1.059	1.054	1.051	1.048	1.047	1.045	1.038	1.028	1.007	0.892	0.633
Oconee 3	M01		BW 15x15	3.48				48560	0.705	0.939	1.024	1.050	1.056	1.058	1.058	1.059	1.060	1.062	1.064	1.065	1.066	1.065	1.057	1.023	0.921	0.667
Oconee 3	N02		BW 15x15	3.80				48822	0.727	0.959	1.042	1.067	1.072	1.071	1.068	1.064	1.063	1.062	1.061	1.061	1.060	1.056	1.045	1.008	0.898	0.618
Oconee 3	N08		BW 15x15	3.80				48839	0.727	0.959	1.042	1.067	1.072	1.071	1.067	1.062	1.059	1.058	1.057	1.056	1.055	1.051	1.041	1.008	0.899	0.649
Oconee 3	P09		BW 15x15	3.45				49120	0.717	0.955	1.044	1.072	1.078	1.078	1.074	1.068	1.064	1.063	1.060	1.059	1.057	1.051	1.038	1.000	0.887	0.634
Oconee 3	P04		BW 15x15	3.45				49277	0.715	0.953	1.040	1.068	1.074	1.075	1.072	1.067	1.065	1.064	1.062	1.061	1.059	1.054	1.040	1.002	0.891	0.639
Oconee 3	N04		BW 15x15	3.80				51174	0.717	0.950	1.035	1.061	1.066	1.068	1.065	1.062	1.060	1.060	1.060	1.060	1.060	1.056	1.046	1.011	0.906	0.665

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Palo Verde 1	F001		CE 16x16	3.98	0			13332	0.646	0.950	1.054	1.079	1.082	1.080	1.077	1.074	1.072	1.070	1.068	1.066	1.064	1.061	1.050	1.011	0.893	0.804
Palo Verde 1	E002		CE 16x16	4.00	0			14453	0.637	0.939	1.050	1.084	1.091	1.090	1.087	1.084	1.081	1.079	1.076	1.073	1.069	1.061	1.043	0.995	0.872	0.589
Palo Verde 1	G109		CE 16x16	3.97	4	18	B4C	15309	0.669	0.949	1.051	1.083	1.090	1.090	1.087	1.083	1.079	1.075	1.072	1.067	1.061	1.051	1.030	0.983	0.868	0.610
Palo Verde 1	E003		CE 16x16	4.00	0			16613	0.644	0.949	1.055	1.083	1.087	1.084	1.081	1.078	1.075	1.073	1.070	1.066	1.064	1.058	1.045	1.004	0.885	0.587
Palo Verde 1	E001		CE 16x16	4.00	0			16915	0.637	0.945	1.061	1.096	1.107	1.106	1.102	1.096	1.091	1.086	1.080	1.074	1.065	1.052	1.026	0.970	0.841	0.562
Palo Verde 1	G006		CE 16x16	3.97	0			16978	0.668	0.953	1.051	1.079	1.085	1.085	1.082	1.079	1.076	1.073	1.070	1.067	1.061	1.052	1.034	0.991	0.879	0.614
Palo Verde 1	F102		CE 16x16	3.73	4	14	B4C	17107	0.675	0.965	1.063	1.088	1.091	1.087	1.082	1.077	1.072	1.068	1.063	1.059	1.054	1.047	1.032	0.990	0.877	0.609
Palo Verde 1	E501		CE 16x16	4.00	4	12	B4C	17637	0.644	0.944	1.062	1.100	1.109	1.108	1.103	1.097	1.092	1.086	1.080	1.073	1.064	1.050	1.023	0.965	0.834	0.565
Palo Verde 1	G107		CE 16x16	3.97	4	18	B4C	18095	0.681	0.955	1.050	1.079	1.086	1.085	1.082	1.079	1.076	1.072	1.069	1.065	1.059	1.049	1.030	0.986	0.875	0.623
Palo Verde 1	F103		CE 16x16	3.73	4	14	B4C	19036	0.682	0.967	1.062	1.086	1.088	1.084	1.080	1.075	1.070	1.066	1.061	1.057	1.053	1.047	1.032	0.992	0.880	0.617
Palo Verde 1	G216		CE 16x16	3.86	16	20	B4C	19354	0.708	0.950	1.045	1.078	1.086	1.087	1.084	1.080	1.077	1.073	1.070	1.065	1.058	1.046	1.023	0.973	0.862	0.640
Palo Verde 1	F101		CE 16x16	3.73	4	14	B4C	19356	0.688	0.972	1.064	1.086	1.087	1.083	1.078	1.073	1.069	1.064	1.059	1.055	1.050	1.044	1.030	0.982	0.864	0.621
Palo Verde 1	P2E1		CE 16x16	3.95	16	16	B4C	19493	0.674	0.945	1.055	1.092	1.100	1.099	1.094	1.090	1.085	1.080	1.075	1.068	1.060	1.048	1.023	0.968	0.845	0.600
Palo Verde 1	F302		CE 16x16	3.73	8	22	B4C	20000	0.690	0.967	1.063	1.087	1.089	1.085	1.080	1.075	1.070	1.065	1.060	1.056	1.052	1.045	1.030	0.988	0.876	0.622
Palo Verde 1	E502		CE 16x16	4.00	4	12	B4C	20205	0.663	0.957	1.056	1.082	1.085	1.083	1.079	1.076	1.073	1.070	1.067	1.063	1.059	1.052	1.039	0.999	0.886	0.611
Palo Verde 1	F401		CE 16x16	3.91	16	28	B4C	20617	0.729	0.968	1.052	1.074	1.077	1.073	1.069	1.066	1.062	1.058	1.055	1.051	1.048	1.042	1.029	0.991	0.888	0.666
Palo Verde 1	F504		CE 16x16	3.91	12	26	B4C	21187	0.720	0.973	1.060	1.083	1.085	1.081	1.076	1.071	1.066	1.061	1.056	1.051	1.046	1.039	1.023	0.983	0.879	0.647
Palo Verde 1	F402		CE 16x16	3.91	16	28	B4C	21452	0.726	0.965	1.047	1.068	1.069	1.066	1.062	1.059	1.056	1.054	1.052	1.051	1.051	1.049	1.040	1.005	0.904	0.679
Palo Verde 1	F301		CE 16x16	3.73	8	22	B4C	21495	0.703	0.971	1.054	1.071	1.070	1.066	1.062	1.059	1.056	1.053	1.052	1.051	1.051	1.051	1.044	1.014	0.914	0.680
Palo Verde 1	F403		CE 16x16	3.91	16	28	B4C	21497	0.726	0.968	1.053	1.077	1.080	1.076	1.072	1.068	1.063	1.059	1.055	1.052	1.048	1.042	1.027	0.987	0.883	0.662
Palo Verde 1	G214		CE 16x16	3.86	16	20	B4C	21524	0.709	0.955	1.050	1.081	1.089	1.089	1.086	1.082	1.077	1.074	1.069	1.063	1.055	1.042	1.019	0.969	0.857	0.636
Palo Verde 1	G218		CE 16x16	3.86	16	20	B4C	21738	0.706	0.956	1.054	1.087	1.096	1.095	1.091	1.086	1.081	1.076	1.070	1.063	1.053	1.039	1.014	0.960	0.847	0.627
Palo Verde 1	F502		CE 16x16	3.91	12	26	B4C	21744	0.722	0.971	1.054	1.075	1.077	1.073	1.069	1.065	1.061	1.057	1.054	1.051	1.048	1.043	1.031	0.994	0.892	0.661
Palo Verde 1	F503		CE 16x16	3.91	12	26	B4C	22123	0.720	0.970	1.054	1.075	1.076	1.072	1.068	1.064	1.060	1.056	1.053	1.051	1.049	1.045	1.033	0.997	0.894	0.662
Palo Verde 1	F201		CE 16x16	3.73	12	26	B4C	22136	0.746	0.968	1.053	1.076	1.078	1.074	1.069	1.065	1.060	1.056	1.052	1.048	1.045	1.040	1.028	0.986	0.882	0.677
Palo Verde 1	F501		CE 16x16	3.91	12	26	B4C	22259	0.716	0.969	1.054	1.073	1.074	1.069	1.065	1.061	1.056	1.055	1.052	1.051	1.050	1.048	1.038	1.003	0.900	0.664
Palo Verde 1	E402		CE 16x16	3.83	16	16	B4C	22294	0.678	0.952	1.060	1.095	1.103	1.102	1.097	1.092	1.087	1.081	1.074	1.067	1.057	1.042	1.016	0.961	0.840	0.594
Palo Verde 1	G328		CE 16x16	3.64	16	22	B4C	22358	0.709	0.952	1.045	1.077	1.087	1.088	1.086	1.082	1.079	1.075	1.071	1.065	1.057	1.043	1.019	0.968	0.858	0.640
Palo Verde 1	G336		CE 16x16	3.64	16	22	B4C	22380	0.707	0.951	1.046	1.080	1.089	1.089	1.087	1.083	1.080	1.076	1.071	1.065	1.057	1.044	1.019	0.967	0.854	0.635
Palo Verde 1	G329		CE 16x16	3.64	16	22	B4C	22437	0.701	0.942	1.034	1.066	1.075	1.077	1.077	1.076	1.074	1.074	1.071	1.068	1.063	1.054	1.033	0.988	0.876	0.652
Palo Verde 1	D004		CE 16x16	3.89	0			22662	0.637	0.941	1.055	1.090	1.096	1.093	1.089	1.085	1.081	1.077	1.074	1.071	1.068	1.061	1.043	0.993	0.865	0.581
Palo Verde 1	G341		CE 16x16	3.64	16	22	B4C	22738	0.705	0.948	1.044	1.078	1.088	1.089	1.087	1.083	1.080	1.077	1.072	1.066	1.058	1.045	1.020	0.968	0.855	0.636
Palo Verde 1	E403		CE 16x16	3.83	16	16	B4C	22794	0.682	0.953	1.065	1.096	1.093	1.092	1.089	1.085	1.081	1.076	1.071	1.065	1.057	1.046	1.024	0.975	0.859	0.611
Palo Verde 1	G325		CE 16x16	3.64	16	22	B4C	22874	0.702	0.944	1.038	1.071	1.081	1.083	1.082	1.080	1.078	1.076	1.073	1.068	1.061	1.050	1.027	0.976	0.865	0.644
Palo Verde 1	G330		CE 16x16	3.64	16	22	B4C	22915	0.705	0.947	1.041	1.075	1.085	1.088	1.085	1.082	1.079	1.077	1.072	1.067	1.059	1.046	1.022	0.971	0.859	0.640
Palo Verde 1	G335		CE 16x16	3.64	16	22	B4C	23010	0.703	0.945	1.039	1.072	1.082	1.084	1.083	1.080	1.078	1.076	1.072	1.066	1.061	1.049	1.028	0.975	0.863	0.643
Palo Verde 1	E201		CE 16x16	3.83	16	24	B4C	23188	0.682	0.954	1.058	1.094	1.102	1.100	1.096	1.091	1.086	1.080	1.073	1.065	1.055	1.040	1.014	0.959	0.839	0.604
Palo Verde 1	E103		CE 16x16	4.00	16	24	B4C	24212	0.700	0.952	1.045	1.073	1.081	1.081	1.080	1.078	1.075	1.072	1.068	1.064	1.057	1.047	1.028	0.983	0.875	0.641
Palo Verde 1	E102		CE 16x16	4.00	16	24	B4C	24488	0.667	0.953	1.050	1.083	1.092	1.092	1.089	1.086	1.082	1.077	1.072	1.065	1.056	1.043	1.019	0.968	0.854	0.623
Palo Verde 1	E301		CE 16x16	3.83	16	26	B4C	24524	0.667	0.945	1.040	1.072	1.081	1.082	1.081	1.080	1.078	1.075	1.072	1.067	1.061	1.050	1.029	0.980	0.869	0.640
Palo Verde 1	E401		CE 16x16	3.83	16	16	B4C	24707	0.686	0.950	1.042	1.070	1.077	1.078	1.077	1.076	1.074	1.072	1.069	1.066	1.061	1.052	1.035	0.993	0.884	0.637
Palo Verde 1	E003		CE 16x16	4.00	0			24739	0.652	0.948	1.049	1.075	1.080	1.079	1.076	1.074	1.072	1.070	1.068	1.067	1.064	1.060	1.048	1.009	0.896	0.613
Palo Verde 1	E101		CE 16x16	4.00	16	24	B4C	24938	0.698	0.949	1.044	1.077	1.086	1.087	1.086	1.084	1.081	1.077	1.072	1.067	1.059	1.047	1.023	0.972	0.861	0.632
Palo Verde 1	E202		CE 16x16	3.83	16	24	B4C	24979	0.698	0.949	1.043	1.074	1.082	1.083	1.082	1.080	1.077	1.074	1.070	1.065	1.059	1.048	1.028	0.981	0.870	0.638
Palo Verde 1	E002		CE 16x16	4.00	0			25014	0.655	0.947	1.047	1.075	1.081	1.080	1.078	1.075	1.073	1.071	1.069	1.066	1.065	1.060	1.046	1.005	0.892	0.614
Palo Verde 1	E302		CE 16x16	3.83	16	26	B4C	25102	0.686	0.948	1.043	1.076	1.085	1.086	1.085	1.083	1.080	1.077	1.072	1.067	1.059	1.047	1.024	0.974	0.862	0.633
Palo Verde 1	D004		CE 16x16	3.89	0			29019	0.647	0.941	1.047	1.078	1.084	1.082	1.080	1.077	1.074	1.073	1.071	1.070	1.068	1.063	1.049	1.005	0.886	0.606
Palo Verde 1	C007		CE 16x16	3.27	0			30001	0.639	0.932	1.041	1.074	1.081	1.080	1.078	1.076	1.075	1.074	1.074	1.074	1.074	1.070	1.056	1.011	0.888	0.605
Palo Verde 1	E201		CE 16x16	3.83	16	24	B4C	30650	0.667	0.949	1.048	1.079	1.086	1.086	1.083	1.080	1.077	1.074	1.070	1.065	1.059	1.050	1.030	0.983	0.869	0.625
Palo Verde 1	D005		CE 16x16	3.89	0			30636	0.668	0.953	1.050	1.077	1.082	1.081	1.078	1.075	1.073	1.070	1.066	1.065	1.061	1.055	1.040	0.999	0.886	0.618
Palo Verde 1	F001		CE 16x16	3.98	0			31838	0.663	0.956	1.053	1.080	1.086	1.084	1.081	1.077	1.074	1.070	1.067	1.062	1.057	1.048	1.030	0.988	0.876	0.621
Palo Verde 1	D001		CE 16x16	3.89	0			32003	0.666	0.950	1.047	1.073	1.077	1.076	1.074	1.072	1.071	1.069	1.067	1.065	1.063	1.059	1.045	1.006	0.894	0.624
Palo Verde 1	C/01	CLO	CE 16x16	3.27	16	11.51	B4C	32505	0.629	0.925	1.042	1.083	1.096	1.096	1.093	1.090	1.087	1.085	1.083	1.081	1.077	1.067	1.044	0.988	0.857	0.579
Palo Verde 1	E004		CE 16x16	4.00	0			32819	0.666	0.945	1.038	1.065	1.071	1.072	1.071	1.070	1.069	1.068	1.067	1.067	1.065	1.061	1.049	1.013	0.907	0.636
Palo Verde 1	D002		CE 16x16	3.89	0			32874	0.670	0.957	1.060	1.080	1.085	1.082	1.088	1.083	1.078	1.073	1.069	1.064	1.058	1.049	1.030	0.982	0.863	0.596
Palo Verde 1	E402		CE 16x16	3.83	16	16	B4C	33002	0.680	0.953	1.050	1.080	1.087	1.086	1.083	1.080	1.076	1.073	1.069	1.065	1.059	1.050	1.032	0.986	0.873	0.618
Palo Verde 1	D/01		CE 16x16	3.33	8	20	B4C	33063	0.673	0.947	1.038	1.060	1.064	1.063	1.062	1.062	1.062	1.062	1.063	1.064	1.066	1.066	1.058	1.025	0.917	0.649
Palo Verde 1	P2E1		CE 16x16	3.95	16	16	B4C	33134	0.662	0.951	1.048	1.077	1.083	1.082	1.079	1.076	1.073	1.070	1.067	1.064	1.060	1.053	1.036	0.992	0.879	0.627
Palo Verde 1	E001		CE 16x16	4.00	0			33774	0.676	0.961	1.057	1.085	1.089	1.087	1.084	1.079	1.075	1.071	1.067	1.062	1.057	1.048	1.030	0.986	0.875	0.609
Palo Verde 1	B103	BLO	CE 16x16	2.73	16	18.42	B4C	33805	0.656	0.917	1.021	1.061	1.077	1.082	1.083	1.084	1.084	1.084	1.084	1.083	1.079	1.069	1.045	0.991	0.873	0.626
Palo Verde 1	D003		CE 16x16	3.89	0			34021	0.677	0.956	1.049	1.077	1.082	1.081	1.078	1.076	1.073	1.070	1.067	1.064	1.060	1.054	1.037	0.995	0.883	0.622
Palo Verde 1	D/02		CE 16x16	3.33	8	8	B4C	34103	0.677	0.963	1.047	1.072	1.076	1.074	1.072	1.069	1.068	1.066	1.064	1.063	1.061	1.056	1.046	1.007	0.896	0.632
Palo Verde 1	F101		CE 16x16	3.73	4	14	B4C	34171	0.687	0.962	1.048	1.073	1.078	1.077	1.074	1.071	1.068	1.065	1.062	1.059	1.055	1.048	1.033	0.994	0.892	0.642
Palo Verde 1	C/02	CLO	CE 16x16	3.27	16	11.51	B4C	34388	0.634	0.925	1.041	1.063	1.095	1.095	1.093	1.090	1.087	1.085	1.083	1.080	1.076	1.066	1.043	0.986	0.857	0.582
Palo Verde 1	D*03		CE 16x16	3.23	8	8	B4C	34476	0.675	0.952	1.043	1.068	1.072	1.071	1.069	1.068	1.067	1.066	1.065	1.064	1.063	1.060	1.048	1.011	0.903	0.635
Palo Verde 1	D*02		CE 16x16	3.23	8	8	B4C	34508	0.677	0.951	1.045	1.073	1.078	1.077	1.075	1.073	1.071	1.069	1.067	1.065	1.062	1.057	1.042	1.000	0.889	0.628
Palo Verde 1	B101	BLO	CE 16x16	2.73	16	18.42	B4C	34520	0.667	0.924	1.022	1.059	1.073	1.077	1.078	1.078	1.078	1.079	1.079	1.078	1.075	1.067	1.046	0.997	0.884	0.638

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Palo Verde 1	D*04		CE 16x16	3.23	8	8	B4C	34706	0.661	0.953	1.044	1.070	1.074	1.073	1.070	1.069	1.067	1.066	1.064	1.063	1.062	1.058	1.046	1.006	0.898	0.637
Palo Verde 1	D*01		CE 16x16	3.23	8	8	B4C	34993	0.677	0.949	1.042	1.069	1.074	1.074	1.072	1.070	1.069	1.067	1.066	1.065	1.064	1.060	1.046	1.005	0.895	0.635
Palo Verde 1	E103		CE 16x16	4.00	16	24	B4C	35033	0.695	0.952	1.040	1.067	1.073	1.074	1.072	1.071	1.070	1.068	1.065	1.063	1.059	1.053	1.038	0.998	0.894	0.649
Palo Verde 1	DX01		CE 16x16	3.33	8	8	B4C	35164	0.682	0.951	1.042	1.068	1.073	1.072	1.070	1.069	1.068	1.066	1.065	1.065	1.064	1.060	1.047	1.004	0.895	0.638
Palo Verde 1	E501		CE 16x16	4.00	4	12	B4C	35242	0.686	0.959	1.046	1.069	1.072	1.071	1.069	1.068	1.065	1.063	1.061	1.060	1.056	1.054	1.043	1.008	0.905	0.644
Palo Verde 1	F102		CE 16x16	3.73	4	14	B4C	35474	0.696	0.960	1.049	1.075	1.081	1.080	1.077	1.074	1.071	1.068	1.065	1.061	1.056	1.048	1.030	0.989	0.883	0.636
Palo Verde 1	E003		CE 16x16	4.00	0			35839	0.672	0.949	1.040	1.065	1.071	1.071	1.070	1.069	1.068	1.067	1.066	1.065	1.063	1.059	1.047	1.011	0.907	0.640
Palo Verde 1	B102	BLO	CE 16x16	2.73	16	18.42	B4C	36070	0.673	0.931	1.032	1.071	1.084	1.087	1.086	1.084	1.083	1.081	1.079	1.076	1.071	1.060	1.035	0.980	0.883	0.623
Palo Verde 1	B201	BHI	CE 16x16	2.73	16	18.42	B4C	36223	0.656	0.914	1.017	1.058	1.075	1.081	1.083	1.084	1.085	1.086	1.086	1.085	1.080	1.070	1.046	0.982	0.875	0.627
Palo Verde 1	C006		CE 16x16	3.27	0			36536	0.652	0.939	1.043	1.076	1.084	1.084	1.081	1.079	1.077	1.075	1.074	1.072	1.070	1.063	1.046	0.999	0.880	0.606
Palo Verde 1	F103		CE 16x16	3.73	4	14	B4C	36754	0.692	0.953	1.036	1.058	1.064	1.064	1.064	1.064	1.063	1.063	1.063	1.063	1.062	1.058	1.047	1.013	0.913	0.661
Palo Verde 1	F502		CE 16x16	3.91	12	26	B4C	36817	0.713	0.961	1.043	1.066	1.070	1.070	1.068	1.065	1.063	1.061	1.059	1.057	1.054	1.049	1.036	0.999	0.901	0.664
Palo Verde 1	F104		CE 16x16	3.73	4	14	B4C	37424	0.696	0.954	1.037	1.061	1.067	1.067	1.067	1.066	1.065	1.064	1.063	1.063	1.061	1.058	1.043	1.007	0.908	0.658
Palo Verde 1	E201		CE 16x16	3.83	16	24	B4C	37731	0.688	0.948	1.042	1.072	1.079	1.080	1.078	1.076	1.074	1.071	1.069	1.065	1.061	1.053	1.035	0.992	0.883	0.636
Palo Verde 1	P2E1		CE 16x16	3.95	16	16	B4C	38349	0.685	0.949	1.042	1.070	1.076	1.076	1.074	1.072	1.070	1.068	1.067	1.064	1.061	1.055	1.040	0.999	0.892	0.640
Palo Verde 1	E502		CE 16x16	4.00	4	12	B4C	38565	0.695	0.965	1.047	1.066	1.069	1.067	1.065	1.063	1.062	1.061	1.059	1.058	1.057	1.054	1.043	1.008	0.909	0.651
Palo Verde 1	C008		CE 16x16	3.27	0			38667	0.662	0.945	1.045	1.077	1.084	1.084	1.081	1.078	1.076	1.073	1.071	1.069	1.066	1.060	1.042	0.995	0.879	0.611
Palo Verde 1	E402		CE 16x16	3.83	16	16	B4C	39215	0.684	0.950	1.042	1.070	1.077	1.077	1.075	1.073	1.072	1.069	1.067	1.064	1.061	1.054	1.036	0.996	0.892	0.637
Palo Verde 1	F302		CE 16x16	3.73	8	22	B4C	39791	0.704	0.956	1.041	1.067	1.073	1.073	1.072	1.070	1.068	1.066	1.064	1.062	1.058	1.051	1.035	0.994	0.891	0.654
Palo Verde 1	C004		CE 16x16	3.27	0			39990	0.667	0.940	1.034	1.064	1.071	1.072	1.071	1.070	1.070	1.070	1.070	1.070	1.069	1.065	1.052	1.011	0.900	0.635
Palo Verde 1	E001		CE 16x16	4.00	0			40521	0.682	0.957	1.047	1.073	1.078	1.078	1.076	1.073	1.071	1.068	1.066	1.063	1.059	1.052	1.037	0.996	0.893	0.631
Palo Verde 1	F401		CE 16x16	3.91	16	26	B4C	40565	0.718	0.954	1.034	1.059	1.065	1.066	1.065	1.064	1.063	1.062	1.061	1.060	1.056	1.052	1.038	1.000	0.902	0.676
Palo Verde 1	F403		CE 16x16	3.91	16	26	B4C	40918	0.723	0.959	1.042	1.068	1.075	1.074	1.072	1.069	1.067	1.064	1.061	1.058	1.054	1.046	1.029	0.987	0.886	0.664
Palo Verde 1	C005		CE 16x16	3.27	0			40943	0.684	0.941	1.037	1.067	1.075	1.075	1.074	1.073	1.072	1.071	1.071	1.070	1.068	1.064	1.049	1.006	0.895	0.628
Palo Verde 1	F301		CE 16x16	3.73	8	22	B4C	40968	0.711	0.959	1.039	1.062	1.067	1.067	1.066	1.065	1.063	1.062	1.060	1.059	1.056	1.051	1.038	1.002	0.904	0.669
Palo Verde 1	E403		CE 16x16	3.83	16	16	B4C	41202	0.701	0.961	1.048	1.074	1.078	1.077	1.075	1.072	1.069	1.066	1.063	1.059	1.055	1.048	1.032	0.992	0.888	0.642
Palo Verde 1	C003		CE 16x16	3.27	0			41340	0.680	0.940	1.035	1.065	1.073	1.074	1.073	1.072	1.072	1.071	1.071	1.070	1.069	1.064	1.048	1.005	0.894	0.632
Palo Verde 1	F402		CE 16x16	3.91	16	26	B4C	41430	0.722	0.959	1.040	1.065	1.071	1.071	1.069	1.066	1.064	1.062	1.060	1.056	1.055	1.048	1.033	0.993	0.894	0.671
Palo Verde 1	F504		CE 16x16	3.91	12	26	B4C	41527	0.718	0.960	1.042	1.068	1.075	1.075	1.073	1.070	1.068	1.065	1.063	1.059	1.054	1.046	1.029	0.988	0.887	0.661
Palo Verde 1	F501		CE 16x16	3.91	12	26	B4C	41954	0.719	0.960	1.041	1.065	1.070	1.070	1.069	1.066	1.064	1.062	1.060	1.056	1.054	1.049	1.034	0.998	0.897	0.669
Palo Verde 1	F201		CE 16x16	3.73	12	26	B4C	41973	0.747	0.956	1.036	1.061	1.066	1.068	1.066	1.064	1.062	1.060	1.058	1.056	1.052	1.045	1.029	0.988	0.890	0.662
Palo Verde 1	E301		CE 16x16	3.83	16	26	B4C	42063	0.709	0.955	1.035	1.064	1.064	1.065	1.064	1.064	1.063	1.063	1.062	1.061	1.059	1.054	1.041	1.005	0.907	0.671
Palo Verde 1	F503		CE 16x16	3.91	12	26	B4C	42285	0.718	0.957	1.038	1.062	1.066	1.069	1.067	1.066	1.064	1.063	1.061	1.059	1.056	1.050	1.035	0.997	0.898	0.671
Palo Verde 1	E401		CE 16x16	3.83	16	16	B4C	42370	0.705	0.956	1.037	1.059	1.063	1.063	1.062	1.061	1.061	1.060	1.060	1.059	1.058	1.054	1.044	1.011	0.915	0.670
Palo Verde 1	C001		CE 16x16	3.27	0			42382	0.666	0.939	1.033	1.064	1.072	1.073	1.073	1.072	1.072	1.072	1.072	1.071	1.070	1.065	1.050	1.007	0.896	0.634
Palo Verde 1	E103		CE 16x16	4.00	16	24	B4C	42401	0.690	0.950	1.034	1.059	1.066	1.067	1.067	1.067	1.066	1.065	1.064	1.063	1.060	1.055	1.042	1.006	0.907	0.664
Palo Verde 1	E002		CE 16x16	4.00	0			42571	0.691	0.954	1.041	1.066	1.074	1.074	1.073	1.071	1.069	1.067	1.066	1.063	1.060	1.053	1.038	0.998	0.898	0.645
Palo Verde 1	C002		CE 16x16	3.27	0			42904	0.672	0.940	1.036	1.066	1.077	1.079	1.077	1.076	1.075	1.074	1.072	1.071	1.068	1.061	1.043	0.997	0.886	0.628
Palo Verde 1	E202		CE 16x16	3.83	16	24	B4C	42960	0.712	0.957	1.038	1.061	1.067	1.067	1.066	1.064	1.063	1.062	1.061	1.059	1.057	1.052	1.039	1.002	0.904	0.669
Palo Verde 1	E102		CE 16x16	4.00	16	24	B4C	43081	0.713	0.960	1.043	1.067	1.073	1.073	1.071	1.069	1.067	1.064	1.062	1.059	1.055	1.048	1.032	0.993	0.893	0.659
Palo Verde 1	E101		CE 16x16	4.00	16	24	B4C	43216	0.715	0.960	1.040	1.064	1.070	1.070	1.069	1.066	1.066	1.064	1.062	1.059	1.056	1.049	1.034	0.995	0.896	0.663
Palo Verde 1	E302		CE 16x16	3.83	16	26	B4C	43223	0.712	0.958	1.039	1.063	1.069	1.069	1.068	1.067	1.065	1.064	1.062	1.060	1.057	1.051	1.036	0.998	0.898	0.664
Palo Verde 1	E403		CE 16x16	3.83	16	16	B4C	45006	0.702	0.958	1.042	1.067	1.072	1.072	1.070	1.068	1.066	1.064	1.062	1.060	1.057	1.051	1.036	0.999	0.899	0.654
Palo Verde 1	D005		CE 16x16	3.89	0			46355	0.693	0.959	1.044	1.068	1.073	1.072	1.070	1.068	1.066	1.064	1.062	1.060	1.058	1.053	1.040	1.003	0.901	0.646
Palo Verde 1	D001		CE 16x16	3.89	0			46929	0.691	0.956	1.037	1.057	1.061	1.061	1.060	1.059	1.059	1.059	1.059	1.060	1.060	1.059	1.051	1.021	0.924	0.665
Palo Verde 1	D002		CE 16x16	3.89	0			48637	0.697	0.961	1.049	1.074	1.078	1.077	1.074	1.071	1.068	1.065	1.062	1.059	1.056	1.050	1.035	0.995	0.891	0.639
Palo Verde 1	D003		CE 16x16	3.89	0			48997	0.702	0.959	1.041	1.065	1.070	1.069	1.068	1.066	1.064	1.063	1.061	1.059	1.057	1.053	1.040	1.003	0.904	0.657

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/MT)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Palo Verde 3	G001		CE 16x16	4.28	16	2.1	Erbium	12096	0.851	0.947	1.055	1.082	1.084	1.080	1.078	1.072	1.069	1.067	1.065	1.065	1.064	1.062	1.051	1.011	0.890	0.610
Palo Verde 3	E001		CE 16x16	3.88	0			12890	0.832	0.936	1.053	1.084	1.097	1.097	1.094	1.091	1.087	1.084	1.080	1.075	1.068	1.058	1.037	0.998	0.858	0.578
Palo Verde 3	F003		CE 16x16	3.81	0			14865	0.862	0.958	1.062	1.090	1.093	1.090	1.086	1.081	1.076	1.072	1.068	1.063	1.058	1.050	1.032	0.989	0.872	0.600
Palo Verde 3	E102		CE 16x16	3.77	8	14	B4C	15706	0.866	0.949	1.055	1.085	1.090	1.089	1.086	1.082	1.079	1.075	1.071	1.067	1.061	1.052	1.034	0.997	0.867	0.606
Palo Verde 3	G003		CE 16x16	4.28	16	2.1	Erbium	16610	0.872	0.962	1.065	1.091	1.093	1.089	1.083	1.077	1.073	1.068	1.063	1.059	1.055	1.048	1.033	0.999	0.872	0.607
Palo Verde 3	G004		CE 16x16	4.28	16	2.1	Erbium	16662	0.870	0.961	1.065	1.093	1.096	1.092	1.086	1.080	1.075	1.070	1.065	1.060	1.055	1.047	1.030	0.995	0.866	0.601
Palo Verde 3	F002		CE 16x16	3.81	0			16781	0.864	0.956	1.059	1.086	1.090	1.087	1.083	1.078	1.074	1.071	1.067	1.064	1.059	1.052	1.036	0.993	0.870	0.606
Palo Verde 3	F001		CE 16x16	3.81	0			17600	0.867	0.957	1.058	1.085	1.089	1.086	1.082	1.077	1.073	1.070	1.066	1.063	1.059	1.052	1.036	0.994	0.878	0.610
Palo Verde 3	E103		CE 16x16	3.77	8	14	B4C	18190	0.872	0.954	1.056	1.086	1.092	1.091	1.088	1.084	1.080	1.076	1.071	1.065	1.057	1.047	1.028	0.992	0.885	0.607
Palo Verde 3	E403		CE 16x16	3.81	8	28	B4C	18193	0.879	0.950	1.053	1.085	1.092	1.092	1.089	1.085	1.082	1.077	1.072	1.065	1.057	1.046	1.025	0.977	0.880	0.612
Palo Verde 3	G002		CE 16x16	4.28	16	2.1	Erbium	19006	0.883	0.970	1.068	1.092	1.092	1.087	1.081	1.075	1.069	1.064	1.059	1.054	1.050	1.044	1.030	0.989	0.876	0.615
Palo Verde 3	E101		CE 16x16	3.77	8	14	B4C	19069	0.877	0.959	1.062	1.093	1.098	1.096	1.092	1.087	1.082	1.076	1.070	1.063	1.054	1.043	1.022	0.973	0.855	0.600
Palo Verde 3	D005		CE 16x16	3.79	0			19138	0.829	0.933	1.046	1.077	1.082	1.080	1.077	1.074	1.072	1.072	1.072	1.073	1.074	1.073	1.061	1.017	0.890	0.599
Palo Verde 3	F101		CE 16x16	3.81	8	18	B4C	19578	0.888	0.963	1.062	1.090	1.094	1.091	1.085	1.080	1.075	1.069	1.064	1.059	1.053	1.044	1.025	0.979	0.884	0.616
Palo Verde 3	G101		CE 16x16	4.16	40	2.1	Erbium	19777	0.890	0.968	1.069	1.096	1.098	1.093	1.086	1.080	1.074	1.068	1.061	1.055	1.048	1.041	1.022	0.977	0.881	0.611
Palo Verde 3	E307		CE 16x16	3.48	12	28	B4C	19920	0.890	0.948	1.045	1.075	1.083	1.084	1.082	1.081	1.078	1.075	1.071	1.066	1.059	1.050	1.030	0.994	0.889	0.632
Palo Verde 3	E306		CE 16x16	3.48	12	28	B4C	20447	0.899	0.958	1.057	1.087	1.093	1.092	1.088	1.084	1.080	1.074	1.068	1.061	1.053	1.041	1.019	0.970	0.855	0.621
Palo Verde 3	F305		CE 16x16	3.43	12	20	B4C	20741	0.893	0.954	1.053	1.083	1.088	1.086	1.082	1.078	1.073	1.069	1.065	1.062	1.057	1.049	1.030	0.992	0.886	0.629
Palo Verde 3	F302		CE 16x16	3.43	12	20	B4C	20931	0.889	0.951	1.051	1.081	1.087	1.085	1.081	1.077	1.073	1.069	1.066	1.063	1.058	1.052	1.033	0.995	0.868	0.629
Palo Verde 3	E402		CE 16x16	3.81	8	28	B4C	21100	0.888	0.951	1.048	1.077	1.084	1.085	1.083	1.081	1.078	1.074	1.070	1.065	1.058	1.049	1.030	0.994	0.871	0.628
Palo Verde 3	F201		CE 16x16	3.81	16	16	B4C	21106	0.892	0.956	1.057	1.087	1.091	1.088	1.083	1.078	1.073	1.069	1.064	1.060	1.056	1.048	1.029	0.991	0.884	0.624
Palo Verde 3	F306		CE 16x16	3.43	12	20	B4C	21156	0.895	0.956	1.054	1.083	1.089	1.087	1.082	1.078	1.073	1.069	1.065	1.061	1.056	1.048	1.028	0.990	0.886	0.630
Palo Verde 3	F401		CE 16x16	3.43	16	20	B4C	21197	0.896	0.948	1.044	1.074	1.079	1.077	1.074	1.071	1.068	1.066	1.064	1.063	1.061	1.056	1.039	0.994	0.880	0.646
Palo Verde 3	F202		CE 16x16	3.81	16	16	B4C	21203	0.703	0.966	1.085	1.083	1.097	1.093	1.087	1.081	1.075	1.068	1.062	1.056	1.049	1.039	1.018	0.970	0.855	0.621
Palo Verde 3	F303		CE 16x16	3.43	12	20	B4C	21242	0.889	0.950	1.049	1.079	1.085	1.084	1.080	1.077	1.073	1.069	1.066	1.064	1.060	1.053	1.034	0.998	0.870	0.632
Palo Verde 3	G202		CE 16x16	4.16	48	2.1	Erbium	21296	0.705	0.975	1.089	1.092	1.093	1.087	1.080	1.074	1.068	1.061	1.056	1.050	1.045	1.039	1.023	0.982	0.872	0.628
Palo Verde 3	F301		CE 16x16	3.43	12	20	B4C	21317	0.890	0.949	1.047	1.077	1.083	1.081	1.078	1.075	1.071	1.068	1.066	1.064	1.061	1.054	1.037	0.990	0.874	0.636
Palo Verde 3	E201		CE 16x16	3.76	16	20	B4C	21324	0.705	0.960	1.066	1.086	1.092	1.090	1.087	1.083	1.078	1.072	1.066	1.060	1.051	1.040	1.018	0.970	0.857	0.628
Palo Verde 3	E303		CE 16x16	3.48	12	28	B4C	21348	0.895	0.949	1.046	1.077	1.085	1.085	1.084	1.081	1.078	1.074	1.069	1.064	1.058	1.047	1.027	0.990	0.867	0.635
Palo Verde 3	F304		CE 16x16	3.43	12	20	B4C	21401	0.891	0.950	1.049	1.079	1.085	1.083	1.080	1.076	1.072	1.069	1.066	1.063	1.060	1.053	1.034	0.997	0.871	0.634
Palo Verde 3	E401		CE 16x16	3.81	8	28	B4C	21449	0.886	0.951	1.048	1.078	1.085	1.086	1.084	1.081	1.078	1.074	1.069	1.064	1.058	1.048	1.029	0.993	0.870	0.628
Palo Verde 3	G201		CE 16x16	4.16	48	2.1	Erbium	21470	0.706	0.974	1.088	1.090	1.091	1.085	1.079	1.074	1.067	1.061	1.056	1.051	1.046	1.040	1.025	0.984	0.875	0.632
Palo Verde 3	E304		CE 16x16	3.48	12	28	B4C	21491	0.896	0.950	1.047	1.078	1.085	1.085	1.082	1.080	1.077	1.073	1.068	1.064	1.058	1.048	1.029	0.991	0.867	0.635
Palo Verde 3	E305		CE 16x16	3.48	12	28	B4C	21509	0.702	0.958	1.052	1.082	1.089	1.088	1.086	1.083	1.078	1.073	1.068	1.061	1.054	1.042	1.021	0.973	0.860	0.631
Palo Verde 3	E301		CE 16x16	3.48	12	28	B4C	21603	0.897	0.951	1.048	1.078	1.086	1.088	1.083	1.081	1.077	1.073	1.068	1.063	1.057	1.047	1.027	0.979	0.866	0.635
Palo Verde 3	E302		CE 16x16	3.48	12	28	B4C	21731	0.700	0.954	1.061	1.081	1.088	1.087	1.085	1.082	1.078	1.073	1.069	1.063	1.057	1.046	1.028	0.974	0.858	0.628
Palo Verde 3	G302		CE 16x16	4.16	60	2.1	Erbium	21895	0.711	0.972	1.081	1.084	1.085	1.080	1.075	1.070	1.064	1.059	1.055	1.051	1.047	1.042	1.028	0.989	0.882	0.646
Palo Verde 3	G301		CE 16x16	4.16	60	2.1	Erbium	22195	0.706	0.964	1.053	1.076	1.079	1.076	1.073	1.069	1.065	1.061	1.058	1.054	1.051	1.046	1.033	0.995	0.889	0.651
Palo Verde 3	G405		CE 16x16	4.15	72	2.1	Erbium	22217	0.714	0.973	1.065	1.089	1.090	1.085	1.079	1.073	1.067	1.061	1.056	1.051	1.046	1.039	1.023	0.980	0.871	0.638
Palo Verde 3	G401		CE 16x16	4.15	72	2.1	Erbium	22529	0.711	0.967	1.057	1.080	1.083	1.080	1.075	1.071	1.066	1.061	1.057	1.053	1.049	1.043	1.028	0.988	0.881	0.649
Palo Verde 3	G403		CE 16x16	4.15	72	2.1	Erbium	22575	0.715	0.971	1.061	1.084	1.086	1.081	1.076	1.071	1.065	1.060	1.055	1.051	1.047	1.041	1.028	0.985	0.878	0.647
Palo Verde 3	G406		CE 16x16	4.15	72	2.1	Erbium	22585	0.713	0.971	1.062	1.087	1.089	1.085	1.080	1.074	1.068	1.062	1.057	1.052	1.047	1.039	1.023	0.980	0.871	0.639
Palo Verde 3	G402		CE 16x16	4.15	72	2.1	Erbium	22636	0.711	0.967	1.056	1.080	1.083	1.080	1.076	1.072	1.066	1.062	1.057	1.053	1.049	1.042	1.028	0.987	0.881	0.649
Palo Verde 3	B206	BHI	CE 16x16	2.73	16	18	B4C	22849	0.620	0.891	1.022	1.063	1.106	1.117	1.119	1.118	1.116	1.113	1.108	1.100	1.087	1.064	1.023	0.946	0.805	0.560
Palo Verde 3	B207	BHI	CE 16x16	2.73	16	18	B4C	22884	0.626	0.892	1.022	1.064	1.111	1.121	1.123	1.121	1.119	1.115	1.109	1.099	1.085	1.060	1.016	0.937	0.797	0.561
Palo Verde 3	G404		CE 16x16	4.15	72	2.1	Erbium	23072	0.715	0.971	1.061	1.085	1.088	1.084	1.079	1.073	1.067	1.062	1.056	1.052	1.047	1.039	1.023	0.981	0.874	0.644
Palo Verde 3	B205	BHI	CE 16x16	2.73	16	18	B4C	24972	0.627	0.889	1.015	1.074	1.099	1.109	1.112	1.113	1.112	1.110	1.106	1.100	1.089	1.068	1.029	0.955	0.817	0.576
Palo Verde 3	D004		CE 16x16	3.79	0			27354	0.880	0.950	1.053	1.081	1.085	1.082	1.078	1.074	1.071	1.069	1.067	1.065	1.063	1.059	1.046	1.003	0.885	0.611
Palo Verde 3	B201	BHI	CE 16x16	2.73	16	18	B4C	28345	0.628	0.886	1.022	1.075	1.096	1.103	1.104	1.103	1.102	1.100	1.098	1.094	1.086	1.070	1.037	0.970	0.834	0.582
Palo Verde 3	D002		CE 16x16	3.79	0			28414	0.865	0.954	1.056	1.084	1.088	1.084	1.080	1.076	1.073	1.069	1.067	1.064	1.061	1.056	1.040	0.996	0.878	0.606
Palo Verde 3	D201		CE 16x16	3.78	16	20	B4C	28737	0.881	0.951	1.052	1.080	1.083	1.078	1.074	1.070	1.066	1.064	1.062	1.061	1.061	1.059	1.045	1.001	0.883	0.629
Palo Verde 3	D003		CE 16x16	3.79	0			29408	0.868	0.952	1.049	1.076	1.081	1.080	1.077	1.075	1.072	1.070	1.067	1.065	1.062	1.056	1.042	1.001	0.886	0.620
Palo Verde 3	B102	BLO	CE 16x16	2.73	16	18	B4C	29488	0.641	0.912	1.031	1.080	1.096	1.103	1.103	1.100	1.096	1.095	1.091	1.086	1.077	1.062	1.031	0.967	0.837	0.586
Palo Verde 3	B202	BHI	CE 16x16	2.73	16	18	B4C	29960	0.638	0.909	1.031	1.080	1.098	1.102	1.101	1.099	1.097	1.094	1.091	1.087	1.079	1.065	1.035	0.971	0.837	0.585
Palo Verde 3	E103		CE 16x16	3.77	8	14	B4C	30289	0.879	0.953	1.047	1.075	1.080	1.080	1.077	1.075	1.072	1.070	1.067	1.064	1.060	1.053	1.037	0.998	0.887	0.629
Palo Verde 3	F305		CE 16x16	3.43	12	20	B4C	30730	0.889	0.951	1.046	1.074	1.080	1.078	1.075	1.072	1.070	1.067	1.065	1.063	1.060	1.054	1.038	0.995	0.884	0.630
Palo Verde 3	C002		CE 16x16	3.27	0			30797	0.842	0.930	1.040	1.077	1.086	1.087	1.085	1.083	1.081	1.080	1.078	1.077	1.074	1.067	1.047	0.996	0.873	0.599
Palo Verde 3	E102		CE 16x16	3.77	8	14	B4C	31295	0.886	0.956	1.052	1.079	1.084	1.082	1.079	1.075	1.072	1.069	1.066	1.062	1.058	1.050	1.034	0.991	0.881	0.627
Palo Verde 3	F002		CE 16x16	3.81	0			31807	0.883	0.960	1.054	1.078	1.082	1.079	1.075	1.071	1.068	1.065	1.062	1.060	1.057	1.051	1.037	0.999	0.890	0.630
Palo Verde 3	E001		CE 16x16	3.88	0			31883	0.878	0.952	1.044	1.069	1.073	1.072	1.070	1.069	1.067	1.066	1.065	1.064	1.063	1.058	1.046	1.007	0.898	0.639
Palo Verde 3	C005		CE 16x16	3.27	0			32148	0.846	0.933	1.044	1.084	1.095	1.096	1.093	1.090	1.086	1.083	1.080	1.076	1.071	1.060	1.036	0.981	0.857	0.589
Palo Verde 3	C004		CE 16x16	3.27	0			32241	0.853	0.934	1.041	1.078	1.089	1.089	1.087	1.084	1.081	1.079	1.077	1.075	1.071	1.062	1.041	0.989	0.867	0.602
Palo Verde 3	B208	BHI	CE 16x16	2.73	16	18	B4C	33075	0.848	0.907	1.018	1.064	1.084	1.092	1.095	1.096	1.096	1.096	1.094	1.090	1.082	1.066	1.036	0.976	0.851	0.606
Palo Verde 3	F004		CE 16x16	3.81	0			33255	0.888	0.957	1.044	1.066	1.070	1.069	1.068	1.066	1.064	1.063	1.062	1.060	1.056	1.054	1.043	1.009	0.907	0.651
Palo Verde 3	B101	BLO	CE 16x16	2.73	16	18	B4C	33306	0.653	0.912	1.018	1.061	1.079	1.086	1.088	1.089	1.089	1.089	1.089	1.087	1.082	1.069	1.042	0.985	0.863	0.619
Palo Verde 3	B203	BHI	CE 16x16	2.73	16	18	B4C	33416	0.850	0.907	1.016	1.063	1.084	1.092	1.095	1.096	1.097	1.096	1.094	1.090	1.082	1.066	1.036	0.975	0.851	0.609
Palo Verde 3	E101		CE 16x16	3.77	8	14	B4C	33693	0.885	0.956	1.051	1.078	1.083	1.082	1.079	1.076	1.072	1.069	1.066	1.062	1.058	1.050	1.033	0.991	0.881	0.628

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Palo Verde 3	F003		CE 16x16	3.81	0			33985	0.691	0.961	1.048	1.071	1.074	1.073	1.070	1.068	1.066	1.063	1.061	1.059	1.056	1.051	1.039	1.003	0.900	0.645
Palo Verde 3	C003		CE 16x16	3.27	0			34342	0.652	0.931	1.032	1.065	1.074	1.075	1.075	1.074	1.073	1.073	1.074	1.074	1.074	1.070	1.054	1.010	0.894	0.625
Palo Verde 3	C006		CE 16x16	3.27	0			34668	0.657	0.936	1.040	1.076	1.085	1.085	1.083	1.080	1.078	1.076	1.074	1.073	1.070	1.063	1.044	0.993	0.874	0.610
Palo Verde 3	D102		CE 16x16	3.33	12	26	B4C	34760	0.691	0.952	1.045	1.072	1.076	1.073	1.070	1.067	1.065	1.063	1.062	1.061	1.061	1.058	1.045	1.003	0.892	0.644
Palo Verde 3	F001		CE 16x16	3.81	0			34775	0.688	0.961	1.053	1.077	1.081	1.079	1.075	1.072	1.068	1.066	1.063	1.060	1.056	1.050	1.036	0.996	0.888	0.632
Palo Verde 3	B204	BHI	CE 16x16	2.73	16	18	B4C	34840	0.656	0.911	1.021	1.068	1.087	1.094	1.096	1.097	1.096	1.095	1.092	1.088	1.079	1.063	1.032	0.970	0.846	0.608
Palo Verde 3	D002		CE 16x16	3.79	0			35224	0.672	0.950	1.046	1.073	1.077	1.075	1.073	1.070	1.068	1.066	1.065	1.064	1.063	1.059	1.046	1.007	0.896	0.630
Palo Verde 3	D005		CE 16x16	3.79	0			35316	0.671	0.952	1.050	1.078	1.082	1.080	1.076	1.073	1.070	1.068	1.066	1.064	1.061	1.057	1.042	1.001	0.888	0.622
Palo Verde 3	D201		CE 16x16	3.78	16	20	B4C	35447	0.683	0.949	1.044	1.071	1.074	1.072	1.068	1.066	1.064	1.063	1.062	1.062	1.062	1.060	1.049	1.010	0.898	0.643
Palo Verde 3	D106		CE 16x16	3.33	12	26	B4C	35687	0.694	0.953	1.045	1.071	1.075	1.073	1.070	1.066	1.066	1.064	1.062	1.061	1.060	1.058	1.043	1.002	0.892	0.645
Palo Verde 3	E403		CE 16x16	3.81	8	28	B4C	36078	0.694	0.952	1.041	1.067	1.073	1.073	1.071	1.069	1.068	1.066	1.065	1.063	1.060	1.055	1.040	1.000	0.894	0.649
Palo Verde 3	D001		CE 16x16	3.79	0			36165	0.687	0.960	1.053	1.079	1.082	1.080	1.076	1.072	1.069	1.066	1.063	1.060	1.057	1.052	1.037	0.995	0.883	0.629
Palo Verde 3	D203		CE 16x16	3.78	16	20	B4C	36412	0.695	0.957	1.051	1.077	1.080	1.077	1.073	1.070	1.067	1.064	1.062	1.060	1.057	1.053	1.038	0.996	0.884	0.636
Palo Verde 3	D101		CE 16x16	3.33	12	26	B4C	36464	0.695	0.950	1.039	1.065	1.070	1.069	1.066	1.065	1.064	1.063	1.062	1.062	1.062	1.059	1.047	1.007	0.896	0.656
Palo Verde 3	D104		CE 16x16	3.33	12	26	B4C	36736	0.694	0.950	1.040	1.066	1.070	1.069	1.067	1.065	1.064	1.063	1.062	1.062	1.062	1.059	1.047	1.007	0.899	0.654
Palo Verde 3	D105		CE 16x16	3.33	12	26	B4C	36736	0.693	0.951	1.040	1.065	1.069	1.068	1.066	1.064	1.063	1.062	1.062	1.062	1.062	1.060	1.048	1.009	0.902	0.655
Palo Verde 3	D003		CE 16x16	3.79	0			37105	0.676	0.950	1.042	1.068	1.073	1.072	1.071	1.069	1.068	1.067	1.065	1.064	1.063	1.058	1.046	1.008	0.901	0.638
Palo Verde 3	F203		CE 16x16	3.81	16	16	B4C	37326	0.699	0.960	1.051	1.077	1.080	1.078	1.074	1.070	1.067	1.063	1.061	1.058	1.055	1.050	1.035	0.995	0.886	0.641
Palo Verde 3	F101		CE 16x16	3.81	8	18	B4C	37576	0.701	0.965	1.055	1.080	1.083	1.081	1.078	1.072	1.068	1.064	1.060	1.057	1.052	1.046	1.030	0.989	0.882	0.637
Palo Verde 3	E402		CE 16x16	3.81	8	28	B4C	37625	0.695	0.954	1.044	1.071	1.077	1.077	1.075	1.073	1.071	1.069	1.066	1.063	1.059	1.051	1.034	0.992	0.885	0.643
Palo Verde 3	D103		CE 16x16	3.33	12	26	B4C	37652	0.698	0.952	1.041	1.068	1.072	1.071	1.068	1.066	1.065	1.063	1.062	1.062	1.061	1.057	1.044	1.003	0.894	0.653
Palo Verde 3	E102		CE 16x16	3.77	8	14	B4C	38011	0.688	0.954	1.045	1.070	1.075	1.074	1.072	1.069	1.067	1.065	1.063	1.061	1.059	1.054	1.040	1.002	0.897	0.643
Palo Verde 3	D202		CE 16x16	3.78	16	20	B4C	38170	0.700	0.957	1.047	1.073	1.076	1.074	1.071	1.068	1.066	1.063	1.061	1.059	1.057	1.053	1.040	0.996	0.890	0.647
Palo Verde 3	E307		CE 16x16	3.48	12	26	B4C	38351	0.698	0.950	1.040	1.068	1.075	1.075	1.074	1.072	1.070	1.068	1.066	1.064	1.060	1.053	1.036	0.994	0.887	0.650
Palo Verde 3	E306		CE 16x16	3.48	12	26	B4C	38654	0.702	0.954	1.044	1.072	1.078	1.078	1.076	1.074	1.071	1.068	1.065	1.062	1.058	1.050	1.032	0.989	0.881	0.645
Palo Verde 3	F201		CE 16x16	3.81	16	16	B4C	38697	0.702	0.955	1.039	1.063	1.067	1.067	1.065	1.064	1.062	1.061	1.061	1.060	1.058	1.055	1.043	1.008	0.906	0.664
Palo Verde 3	E302		CE 16x16	3.48	12	26	B4C	38703	0.702	0.954	1.043	1.071	1.077	1.077	1.075	1.073	1.070	1.068	1.065	1.062	1.059	1.051	1.035	0.990	0.881	0.645
Palo Verde 3	F302		CE 16x16	3.43	12	20	B4C	38750	0.703	0.957	1.043	1.068	1.073	1.072	1.069	1.067	1.065	1.063	1.061	1.059	1.057	1.052	1.039	1.000	0.896	0.656
Palo Verde 3	B208	BHI	CE 16x16	2.73	16	18	B4C	39005	0.685	0.927	1.031	1.071	1.085	1.089	1.089	1.088	1.086	1.084	1.082	1.078	1.072	1.059	1.035	0.981	0.864	0.617
Palo Verde 3	D301		CE 16x16	3.78	12	24	B4C	39109	0.700	0.953	1.042	1.067	1.071	1.069	1.066	1.064	1.062	1.061	1.060	1.060	1.060	1.057	1.046	1.006	0.899	0.657
Palo Verde 3	E303		CE 16x16	3.48	12	26	B4C	39119	0.704	0.954	1.043	1.071	1.077	1.078	1.076	1.074	1.071	1.068	1.065	1.062	1.057	1.049	1.031	0.988	0.882	0.649
Palo Verde 3	E305		CE 16x16	3.48	12	26	B4C	39229	0.704	0.954	1.042	1.070	1.077	1.077	1.075	1.073	1.071	1.068	1.065	1.062	1.058	1.050	1.033	0.990	0.883	0.649
Palo Verde 3	E401		CE 16x16	3.81	8	28	B4C	39244	0.696	0.950	1.038	1.066	1.073	1.073	1.072	1.071	1.069	1.067	1.066	1.064	1.060	1.054	1.038	0.997	0.891	0.653
Palo Verde 3	F303		CE 16x16	3.43	12	20	B4C	39342	0.704	0.956	1.041	1.066	1.071	1.070	1.068	1.066	1.064	1.063	1.061	1.060	1.056	1.053	1.040	1.001	0.897	0.659
Palo Verde 3	E101		CE 16x16	3.77	8	14	B4C	39400	0.687	0.954	1.045	1.072	1.077	1.077	1.074	1.072	1.070	1.067	1.065	1.062	1.059	1.053	1.038	0.996	0.892	0.638
Palo Verde 3	C001		CE 16x16	3.27	0			39437	0.670	0.944	1.042	1.075	1.084	1.084	1.082	1.080	1.077	1.075	1.073	1.070	1.066	1.058	1.038	0.990	0.875	0.616
Palo Verde 3	F401		CE 16x16	3.43	16	20	B4C	39442	0.706	0.963	1.037	1.062	1.067	1.067	1.065	1.064	1.062	1.062	1.061	1.060	1.059	1.056	1.043	1.006	0.904	0.667
Palo Verde 3	F301		CE 16x16	3.43	12	20	B4C	39490	0.703	0.954	1.039	1.064	1.069	1.069	1.067	1.065	1.064	1.063	1.061	1.060	1.059	1.055	1.041	1.003	0.900	0.662
Palo Verde 3	E301		CE 16x16	3.48	12	26	B4C	39497	0.701	0.951	1.040	1.066	1.075	1.075	1.074	1.072	1.070	1.068	1.066	1.063	1.060	1.053	1.036	0.992	0.885	0.651
Palo Verde 3	E304		CE 16x16	3.48	12	26	B4C	39499	0.701	0.949	1.038	1.066	1.073	1.073	1.072	1.070	1.069	1.067	1.065	1.063	1.061	1.054	1.038	0.996	0.889	0.655
Palo Verde 3	F308		CE 16x16	3.43	12	20	B4C	39664	0.709	0.960	1.046	1.071	1.076	1.074	1.071	1.069	1.066	1.063	1.061	1.058	1.055	1.049	1.034	0.994	0.890	0.655
Palo Verde 3	E201		CE 16x16	3.78	16	20	B4C	39925	0.708	0.956	1.042	1.068	1.074	1.073	1.071	1.069	1.067	1.065	1.063	1.060	1.057	1.051	1.035	0.994	0.890	0.656
Palo Verde 3	F202		CE 16x16	3.81	16	16	B4C	40047	0.710	0.965	1.053	1.077	1.081	1.079	1.075	1.071	1.068	1.064	1.060	1.056	1.052	1.045	1.029	0.988	0.882	0.645
Palo Verde 3	F304		CE 16x16	3.43	12	20	B4C	40150	0.706	0.956	1.042	1.068	1.073	1.072	1.070	1.067	1.065	1.063	1.061	1.059	1.057	1.052	1.038	0.996	0.895	0.659
Palo Verde 3	D004		CE 16x16	3.79	0			43755	0.689	0.955	1.046	1.072	1.077	1.075	1.072	1.069	1.067	1.065	1.063	1.061	1.059	1.055	1.041	1.001	0.894	0.640
Palo Verde 3	E001		CE 16x16	3.88	0			46344	0.695	0.950	1.031	1.052	1.057	1.059	1.058	1.058	1.059	1.060	1.061	1.062	1.063	1.061	1.053	1.022	0.925	0.676
Palo Verde 3	E103		CE 16x16	3.77	8	14	B4C	46564	0.700	0.959	1.044	1.068	1.072	1.071	1.069	1.067	1.065	1.063	1.061	1.059	1.056	1.051	1.038	1.002	0.901	0.654

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/MT)	Fraction of Core Height Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Robinson 2	F101		WE 15x15	3.85	0			9862	0.228	0.857	1.061	1.153	1.182	1.181	1.170	1.175	1.171	1.159	1.151	1.153	1.142	1.125	1.097	0.996	0.770	0.210
Robinson 2	J201		WE 15x15	4.20	0			10567	0.228	0.868	1.062	1.163	1.199	1.200	1.186	1.188	1.182	1.168	1.153	1.147	1.132	1.106	1.069	0.967	0.748	0.203
Robinson 2	E101		WE 15x15	3.85	0			10722	0.225	0.853	1.063	1.156	1.189	1.187	1.175	1.181	1.176	1.164	1.155	1.156	1.142	1.123	1.090	0.984	0.755	0.205
Robinson 2	N501		WE 15x15	4.20	0			11095	0.230	0.880	1.100	1.165	1.195	1.190	1.173	1.175	1.171	1.159	1.147	1.144	1.133	1.113	1.079	0.981	0.761	0.206
Robinson 2	PL02	PLSA	WE 15x15	1.24				11381	0.000	0.000	0.000	0.000	0.000	0.914	1.077	1.129	1.141	1.138	1.135	1.139	1.130	1.112	1.076	0.967	0.733	0.196
Robinson 2	G301		WE 15x15	3.45	2	4	Gd	13002	0.230	0.846	1.054	1.120	1.154	1.170	1.173	1.183	1.179	1.167	1.158	1.159	1.147	1.130	1.102	1.004	0.785	0.229
Robinson 2	PL01	PLSA	WE 15x15	1.24				13399	0.000	0.000	0.000	0.000	0.000	0.887	1.069	1.127	1.140	1.138	1.136	1.139	1.131	1.115	1.079	0.973	0.742	0.295
Robinson 2	G201		WE 15x15	3.45	4	4	Gd	13563	0.228	0.787	0.989	1.031	1.077	1.147	1.189	1.208	1.207	1.197	1.189	1.190	1.179	1.162	1.133	1.035	0.822	0.249
Robinson 2	E301		WE 15x15	3.85	4	4	Gd	14219	0.233	0.845	1.054	1.124	1.159	1.178	1.181	1.190	1.186	1.173	1.163	1.162	1.147	1.127	1.094	0.991	0.772	0.221
Robinson 2	PL02	PLSA	WE 15x15	1.24				14447	0.000	0.000	0.000	0.000	0.000	0.916	1.075	1.123	1.135	1.132	1.130	1.134	1.127	1.112	1.078	0.974	0.745	0.297
Robinson 2	J501		WE 15x15	4.20	4	4	Gd	14523	0.237	0.867	1.073	1.141	1.179	1.194	1.191	1.194	1.188	1.173	1.157	1.149	1.133	1.108	1.069	0.969	0.760	0.217
Robinson 2	J401		WE 15x15	4.20	6	4	Gd	14806	0.228	0.808	0.968	1.053	1.105	1.171	1.204	1.215	1.212	1.199	1.185	1.178	1.164	1.140	1.103	1.004	0.804	0.239
Robinson 2	E201		WE 15x15	3.85	2	4	Gd	14926	0.216	0.772	0.959	1.024	1.076	1.155	1.202	1.221	1.219	1.208	1.196	1.196	1.183	1.163	1.129	1.028	0.811	0.237
Robinson 2	E401		WE 15x15	3.85	12	4	Gd	15209	0.270	0.908	1.092	1.153	1.176	1.171	1.156	1.159	1.155	1.144	1.136	1.138	1.126	1.110	1.082	0.986	0.796	0.244
Robinson 2	N301		WE 15x15	4.20	6	4	Gd	15339	0.243	0.884	1.085	1.144	1.176	1.186	1.179	1.181	1.176	1.163	1.149	1.144	1.131	1.111	1.076	0.979	0.772	0.221
Robinson 2	F301		WE 15x15	3.85	12	4	Gd	15382	0.277	0.922	1.102	1.156	1.176	1.169	1.153	1.154	1.148	1.136	1.128	1.129	1.119	1.105	1.081	0.990	0.804	0.249
Robinson 2	G102		WE 15x15	3.45	12	4.67	Gd	15491	0.312	0.946	1.099	1.131	1.143	1.136	1.123	1.125	1.124	1.119	1.118	1.122	1.119	1.113	1.099	1.025	0.865	0.293
Robinson 2	J301		WE 15x15	4.20	12	6	Gd	15497	0.281	0.930	1.096	1.158	1.186	1.184	1.168	1.167	1.161	1.148	1.134	1.127	1.114	1.091	1.055	0.960	0.792	0.248
Robinson 2	N201		WE 15x15	4.20	6	6	Gd	15540	0.235	0.833	1.008	1.068	1.113	1.167	1.191	1.200	1.197	1.185	1.173	1.166	1.157	1.137	1.103	1.006	0.813	0.242
Robinson 2	E601		WE 15x15	3.85	12	4.33	Gd	15729	0.323	0.963	1.081	1.130	1.146	1.138	1.123	1.126	1.125	1.120	1.118	1.124	1.118	1.107	1.086	1.005	0.870	0.299
Robinson 2	E501		WE 15x15	3.85	12	4.67	Gd	15784	0.300	0.944	1.098	1.144	1.156	1.148	1.131	1.133	1.132	1.128	1.125	1.129	1.120	1.107	1.086	1.004	0.841	0.275
Robinson 2	J101		WE 15x15	4.20	12	6	Gd	15977	0.308	0.957	1.085	1.125	1.141	1.136	1.122	1.124	1.124	1.122	1.118	1.121	1.119	1.112	1.095	1.025	0.878	0.290
Robinson 2	G101		WE 15x15	3.45	12	4.67	Gd	16034	0.287	0.902	1.062	1.117	1.144	1.154	1.155	1.165	1.163	1.155	1.148	1.150	1.139	1.120	1.089	0.991	0.801	0.256
Robinson 2	F201		WE 15x15	3.85	12	4.67	Gd	16083	0.307	0.959	1.102	1.141	1.150	1.139	1.122	1.124	1.121	1.116	1.114	1.120	1.117	1.111	1.096	1.020	0.859	0.283
Robinson 2	H102		WE 15x15	3.85	12	6	Gd	16312	0.316	0.986	1.102	1.144	1.159	1.149	1.132	1.131	1.129	1.124	1.117	1.117	1.111	1.097	1.072	0.987	0.850	0.287
Robinson 2	N401		WE 15x15	4.20	12	6	Gd	16359	0.280	0.936	1.103	1.157	1.179	1.172	1.154	1.154	1.150	1.139	1.129	1.127	1.116	1.101	1.070	0.979	0.804	0.250
Robinson 2	PL01	PLSA	WE 15x15	1.24				16747	0.000	0.000	0.000	0.000	0.000	0.888	1.066	1.120	1.133	1.132	1.130	1.134	1.128	1.114	1.081	0.980	0.756	0.310
Robinson 2	E502		WE 15x15	3.85	12	4.67	Gd	16805	0.277	0.898	1.084	1.124	1.154	1.164	1.165	1.175	1.173	1.164	1.157	1.155	1.136	1.110	1.075	0.974	0.787	0.248
Robinson 2	H101		WE 15x15	3.85	12	6	Gd	16892	0.288	0.911	1.084	1.122	1.156	1.166	1.164	1.169	1.166	1.157	1.146	1.141	1.129	1.108	1.070	0.976	0.805	0.262
Robinson 2	L101		WE 15x15	4.10	12	6	Gd	17198	0.301	0.953	1.083	1.133	1.147	1.137	1.120	1.121	1.122	1.119	1.117	1.122	1.122	1.116	1.089	1.026	0.868	0.284
Robinson 2	N101		WE 15x15	4.20	12	6	Gd	17474	0.300	0.950	1.087	1.131	1.149	1.145	1.131	1.133	1.133	1.128	1.124	1.126	1.122	1.111	1.086	1.008	0.854	0.280
Robinson 2	PL02	PLSA	WE 15x15	1.24				17537	0.000	0.000	0.000	0.000	0.000	0.927	1.077	1.121	1.131	1.129	1.127	1.130	1.123	1.106	1.075	0.975	0.751	0.307
Robinson 2	M101		WE 15x15	3.85	12	6	Gd	17739	0.288	0.915	1.072	1.127	1.157	1.162	1.156	1.161	1.159	1.151	1.141	1.139	1.129	1.111	1.077	0.985	0.811	0.283
Robinson 2	PL01	PLSA	WE 15x15	1.24				20119	0.000	0.000	0.000	0.000	0.000	0.896	1.067	1.117	1.129	1.128	1.127	1.130	1.124	1.110	1.078	0.982	0.764	0.321
Robinson 2	PL02	PLSA	WE 15x15	1.24				20537	0.000	0.000	0.000	0.000	0.000	0.937	1.078	1.116	1.127	1.125	1.123	1.126	1.120	1.108	1.074	0.977	0.757	0.315
Robinson 2	PL01	PLSA	WE 15x15	1.24				23255	0.000	0.000	0.000	0.000	0.000	0.907	1.067	1.113	1.124	1.124	1.123	1.126	1.121	1.108	1.077	0.984	0.771	0.331
Robinson 2	D101		WE 15x15	3.73	0			24636	0.284	0.908	1.081	1.135	1.157	1.156	1.148	1.150	1.147	1.139	1.133	1.136	1.127	1.114	1.091	1.009	0.825	0.284
Robinson 2	D403		WE 15x15	3.73	12	4	Gd	24844	0.312	0.932	1.084	1.132	1.150	1.145	1.133	1.135	1.132	1.125	1.121	1.125	1.119	1.108	1.080	1.015	0.852	0.291
Robinson 2	F101		WE 15x15	3.85	0			25560	0.285	0.920	1.092	1.143	1.162	1.160	1.149	1.149	1.146	1.139	1.131	1.129	1.121	1.107	1.082	1.003	0.821	0.281
Robinson 2	E101		WE 15x15	3.85	0			26234	0.283	0.920	1.096	1.145	1.162	1.165	1.142	1.145	1.141	1.133	1.127	1.130	1.122	1.111	1.091	1.012	0.825	0.280
Robinson 2	G301		WE 15x15	3.45	2	4	Gd	27011	0.292	0.901	1.086	1.118	1.140	1.145	1.142	1.147	1.146	1.141	1.136	1.137	1.130	1.120	1.098	1.024	0.839	0.277
Robinson 2	D501		WE 15x15	3.73	12	6	Gd	27221	0.274	0.930	0.975	1.034	1.079	1.135	1.169	1.187	1.187	1.180	1.174	1.175	1.165	1.150	1.122	1.031	0.849	0.296
Robinson 2	F302		WE 15x15	3.85	12	4	Gd	27267	0.297	0.923	1.088	1.137	1.155	1.152	1.142	1.143	1.140	1.133	1.127	1.127	1.120	1.109	1.087	1.012	0.836	0.275
Robinson 2	D301		WE 15x15	3.73	8	4	Gd	27406	0.278	0.885	1.060	1.118	1.147	1.157	1.157	1.165	1.162	1.153	1.145	1.146	1.135	1.119	1.092	1.004	0.814	0.264
Robinson 2	E202		WE 15x15	3.85	2	4	Gd	27415	0.287	0.884	1.032	1.083	1.112	1.143	1.157	1.167	1.165	1.158	1.152	1.155	1.147	1.135	1.114	1.034	0.845	0.270
Robinson 2	J201		WE 15x15	4.20	0			27468	0.281	0.923	1.094	1.141	1.163	1.160	1.149	1.149	1.147	1.139	1.131	1.130	1.122	1.108	1.082	1.003	0.821	0.257
Robinson 2	D201		WE 15x15	3.73	4	4	Gd	27628	0.281	0.869	1.024	1.074	1.105	1.138	1.156	1.168	1.168	1.162	1.157	1.159	1.148	1.133	1.109	1.027	0.844	0.279
Robinson 2	D402		WE 15x15	3.73	12	4	Gd	27751	0.317	0.941	1.093	1.140	1.155	1.147	1.132	1.133	1.130	1.124	1.120	1.123	1.115	1.104	1.084	1.009	0.844	0.290
Robinson 2	D502		WE 15x15	3.73	12	6	Gd	28158	0.336	0.949	1.078	1.121	1.135	1.130	1.119	1.122	1.121	1.117	1.116	1.121	1.116	1.106	1.093	1.025	0.878	0.317
Robinson 2	G201		WE 15x15	3.45	4	4	Gd	28416	0.278	0.863	1.028	1.082	1.115	1.145	1.161	1.170	1.169	1.162	1.156	1.154	1.145	1.131	1.104	1.022	0.835	0.278
Robinson 2	F301		WE 15x15	3.85	12	4	Gd	28489	0.306	0.930	1.083	1.126	1.140	1.136	1.126	1.128	1.127	1.123	1.121	1.124	1.121	1.115	1.101	1.034	0.865	0.292
Robinson 2	E201		WE 15x15	3.85	2	4	Gd	28649	0.280	0.878	1.034	1.079	1.105	1.133	1.146	1.155	1.154	1.149	1.146	1.150	1.145	1.136	1.119	1.045	0.863	0.283
Robinson 2	G101		WE 15x15	3.45	12	4.67	Gd	28829	0.315	0.918	1.064	1.107	1.126	1.130	1.126	1.134	1.135	1.133	1.131	1.134	1.131	1.123	1.104	1.033	0.858	0.297
Robinson 2	J302		WE 15x15	4.20	12	6	Gd	28830	0.296	0.928	1.067	1.135	1.157	1.155	1.143	1.145	1.143	1.136	1.129	1.127	1.120	1.107	1.082	1.005	0.834	0.273
Robinson 2	D401		WE 15x15	3.73	12	4	Gd	28874	0.331	0.953	1.093	1.134	1.146	1.137	1.123	1.124	1.122	1.118	1.115	1.120	1.113	1.104	1.087	1.018	0.859	0.302
Robinson 2	E501		WE 15x15	3.85	12	4.67	Gd	29156	0.319	0.945	1.089	1.129	1.140	1.132	1.120	1.123	1.123	1.120	1.120	1.125	1.121	1.113	1.097	1.028	0.862	0.294
Robinson 2	F201		WE 15x15	3.85	12	4.67	Gd	29201	0.323	0.948	1.084	1.121	1.131	1.126	1.115	1.117	1.117	1.116	1.115	1.120	1.119	1.115	1.103	1.041	0.883	0.306
Robinson 2	E301		WE 15x15	3.85	4	4	Gd	29434	0.274	0.885	1.060	1.114	1.142	1.153	1.155	1.163	1.161	1.153	1.146	1.148	1.138	1.123	1.097	1.011	0.817	0.280
Robinson 2	E601		WE 15x15	3.85	12	4.33	Gd	29529	0.329	0.948	1.080	1.122	1.136	1.130	1.120	1.123	1.123	1.120	1.119	1.125	1.120	1.112	1.095	1.024	0.869	0.304
Robinson 2	G102		WE 15x15	3.45	12	4.67	Gd	29771	0.318	0.927	1.080	1.127	1.144	1.143	1.134	1.136	1.135	1.129	1.124	1.125	1.119	1.109	1.088	1.015	0.848	0.298
Robinson 2	E401		WE 15x15	3.85	12	4	Gd	30081	0.293	0.915	1.085	1.136	1.155	1.153	1.143	1.147	1.144	1.136	1.130	1.132	1.124	1.112	1.090	1.009	0.825	0.270
Robinson 2	J301		WE 15x15	4.20	12	6	Gd	30501	0.305	0.936	1.087	1.130	1.147	1.142	1.129	1.130	1.130	1.126	1.121	1.123	1.120	1.111	1.093	1.024	0.858	0.287
Robinson 2	E502		WE 15x15	3.85	12	4.67	Gd	30522	0.310	0.928	1.078	1.122	1.139	1.139	1.132	1.138	1.137	1.133	1.130	1.134	1.128	1.114	1.094	1.018	0.842	0.284
Robinson 2	J101		WE 15x15	4.20	12	6	Gd	31040	0.315	0.941	1.075	1.113	1.129	1.128	1.117	1.120	1.122	1.121	1.119	1.123	1.123	1.118	1.104	1.042	0.867	0.304
Robinson 2	H102		WE 15x15	3.85	12	6	Gd	31121	0.323	0.942	1.080	1.120	1.136	1.133	1.123	1.128	1.126	1.124	1.121	1.122	1.120	1.111	1.092	1.027	0.870	0.305
Robinson 2	J501		WE 15x15	4.20	4	4	Gd	31411	0.280	0.912	1.085	1.136	1.162	1.165	1.157	1.160	1.157	1.147	1.137	1.134	1.124	1.107	1.078	0.995	0.809	0.256
Robinson 2	H101		WE 15x15	3.85	12	6	Gd	31660	0.311	0.924	1.072	1.115	1.134	1.135	1.129	1.133	1.133	1.131	1.127	1.129	1.127	1.118	1.099	1.029	0.859	0.295

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Robinson 2	J401		WE 15x15	4.20	8	4	Gd	31777	0.274	0.882	1.044	1.095	1.128	1.154	1.162	1.169	1.168	1.160	1.151	1.147	1.139	1.123	1.094	1.012	0.830	0.268
Robinson 2	K101	RJ1	WE 15x15	2.90				32113	0.681	0.905	1.041	1.079	1.085	1.089	1.077	1.081	1.085	1.073	1.079	1.085	1.077	1.077	1.077	1.010	0.837	0.563
Robinson 2	B302		WE 15x15	3.34	12	4	Gd	32857	0.334	0.918	1.065	1.115	1.137	1.140	1.135	1.141	1.139	1.133	1.129	1.131	1.124	1.110	1.086	1.009	0.842	0.310
Robinson 2	A102		WE 15x15	2.85	0			33269	0.542	0.907	1.050	1.091	1.109	1.109	1.103	1.107	1.106	1.101	1.096	1.101	1.094	1.083	1.063	0.997	0.838	0.501
Robinson 2	C101	RBLT	WE 15x15	2.09				34614	0.327	0.928	1.071	1.098	1.123	1.122	1.108	1.113	1.122	1.117	1.114	1.130	1.124	1.118	1.118	1.055	0.902	0.309
Robinson 2	A101		WE 15x15	2.85	0			34862	0.520	0.888	1.036	1.080	1.102	1.107	1.106	1.112	1.112	1.108	1.106	1.110	1.104	1.094	1.075	1.007	0.840	0.495
Robinson 2	B101		WE 15x15	3.34	0			34889	0.325	0.919	1.068	1.115	1.135	1.136	1.131	1.136	1.135	1.131	1.128	1.131	1.124	1.113	1.093	1.021	0.853	0.306
Robinson 2	D403		WE 15x15	3.73	12	4	Gd	34900	0.302	0.884	1.031	1.080	1.107	1.131	1.142	1.151	1.151	1.145	1.142	1.146	1.140	1.130	1.111	1.037	0.868	0.304
Robinson 2	D502		WE 15x15	3.73	12	8	Gd	35095	0.335	0.942	1.080	1.122	1.136	1.130	1.116	1.121	1.120	1.117	1.116	1.121	1.117	1.110	1.096	1.030	0.875	0.316
Robinson 2	A201		WE 15x15	2.85	12	4	Gd	35339	0.585	0.957	1.091	1.121	1.126	1.111	1.094	1.093	1.092	1.091	1.092	1.099	1.096	1.087	1.073	1.003	0.796	0.383
Robinson 2	E601		WE 15x15	3.85	12	4.33	Gd	35896	0.330	0.937	1.072	1.116	1.131	1.128	1.120	1.124	1.125	1.123	1.121	1.126	1.122	1.114	1.097	1.029	0.873	0.310
Robinson 2	B301		WE 15x15	3.34	12	4	Gd	36021	0.330	0.869	1.022	1.067	1.094	1.124	1.140	1.152	1.154	1.150	1.148	1.151	1.143	1.129	1.106	1.028	0.857	0.317
Robinson 2	G102		WE 15x15	3.45	12	4.67	Gd	36143	0.324	0.920	1.071	1.117	1.135	1.135	1.129	1.131	1.131	1.128	1.125	1.126	1.123	1.114	1.095	1.026	0.860	0.309
Robinson 2	D101		WE 15x15	3.73	0			36608	0.313	0.924	1.073	1.118	1.135	1.133	1.126	1.130	1.129	1.125	1.123	1.127	1.123	1.116	1.100	1.033	0.868	0.301
Robinson 2	B202		WE 15x15	3.34	8	4	Gd	36626	0.328	0.897	1.036	1.081	1.105	1.131	1.144	1.155	1.156	1.153	1.151	1.152	1.139	1.121	1.099	1.019	0.836	0.296
Robinson 2	B201		WE 15x15	3.34	8	4	Gd	36673	0.322	0.883	1.025	1.073	1.102	1.131	1.147	1.161	1.163	1.160	1.157	1.158	1.144	1.125	1.102	1.020	0.833	0.293
Robinson 2	B203		WE 15x15	3.34	8	4	Gd	36920	0.340	0.912	1.047	1.092	1.113	1.125	1.128	1.135	1.136	1.132	1.130	1.134	1.129	1.119	1.100	1.030	0.871	0.327
Robinson 2	D102		WE 15x15	3.73	0			37814	0.315	0.928	1.078	1.123	1.139	1.137	1.128	1.132	1.130	1.125	1.122	1.126	1.121	1.113	1.096	1.028	0.862	0.296
Robinson 2	B204		WE 15x15	3.34	8	4	Gd	38028	0.348	0.932	1.073	1.118	1.135	1.132	1.124	1.128	1.127	1.123	1.120	1.124	1.118	1.106	1.089	1.020	0.861	0.323
Robinson 2	F101		WE 15x15	3.85	0			38378	0.313	0.927	1.076	1.120	1.137	1.136	1.129	1.131	1.131	1.127	1.124	1.126	1.122	1.114	1.095	1.029	0.865	0.296
Robinson 2	G101		WE 15x15	3.45	12	4.67	Gd	38583	0.313	0.885	1.030	1.076	1.102	1.124	1.135	1.144	1.146	1.144	1.142	1.144	1.141	1.133	1.114	1.043	0.871	0.313
Robinson 2	D301		WE 15x15	3.73	8	4	Gd	38813	0.309	0.906	1.061	1.109	1.131	1.136	1.134	1.141	1.140	1.135	1.132	1.135	1.129	1.119	1.101	1.027	0.855	0.296
Robinson 2	D501		WE 15x15	3.73	12	8	Gd	38862	0.307	0.877	1.018	1.068	1.099	1.131	1.150	1.163	1.164	1.160	1.157	1.160	1.152	1.136	1.112	1.026	0.838	0.281
Robinson 2	D402		WE 15x15	3.73	12	4	Gd	38984	0.336	0.942	1.081	1.122	1.135	1.128	1.117	1.120	1.119	1.116	1.115	1.120	1.116	1.110	1.096	1.033	0.877	0.318
Robinson 2	E202		WE 15x15	3.85	2	4	Gd	39066	0.304	0.901	1.046	1.089	1.110	1.128	1.134	1.140	1.141	1.137	1.135	1.138	1.134	1.126	1.110	1.044	0.879	0.305
Robinson 2	E501		WE 15x15	3.85	12	4.67	Gd	39107	0.311	0.901	1.043	1.087	1.109	1.127	1.134	1.141	1.142	1.139	1.137	1.141	1.136	1.127	1.108	1.038	0.872	0.309
Robinson 2	F302		WE 15x15	3.85	12	4	Gd	39428	0.322	0.929	1.075	1.118	1.133	1.131	1.124	1.128	1.128	1.123	1.121	1.123	1.121	1.114	1.096	1.034	0.873	0.309
Robinson 2	E101		WE 15x15	3.85	0			39551	0.313	0.932	1.085	1.129	1.144	1.141	1.131	1.133	1.132	1.127	1.123	1.124	1.119	1.109	1.090	1.022	0.854	0.293
Robinson 2	G201		WE 15x15	3.45	4	4	Gd	39606	0.311	0.891	1.038	1.084	1.107	1.128	1.134	1.141	1.142	1.140	1.138	1.140	1.137	1.129	1.111	1.043	0.874	0.315
Robinson 2	G301		WE 15x15	3.45	2	4	Gd	39656	0.321	0.915	1.064	1.109	1.127	1.131	1.128	1.132	1.132	1.130	1.128	1.129	1.126	1.119	1.100	1.034	0.869	0.309
Robinson 2	D201		WE 15x15	3.73	4	4	Gd	40046	0.311	0.900	1.042	1.086	1.109	1.127	1.135	1.144	1.144	1.141	1.138	1.141	1.135	1.125	1.106	1.036	0.869	0.306
Robinson 2	E301		WE 15x15	3.85	4	4	Gd	40657	0.307	0.909	1.060	1.106	1.127	1.134	1.134	1.140	1.140	1.136	1.133	1.136	1.130	1.121	1.102	1.031	0.859	0.296
Robinson 2	E401		WE 15x15	3.85	12	4	Gd	40905	0.316	0.924	1.073	1.117	1.133	1.132	1.125	1.129	1.129	1.126	1.123	1.127	1.123	1.116	1.099	1.033	0.867	0.305
Robinson 2	E201		WE 15x15	3.85	2	4	Gd	41791	0.313	0.911	1.062	1.083	1.113	1.127	1.132	1.137	1.137	1.134	1.131	1.134	1.130	1.122	1.108	1.040	0.877	0.309
Robinson 2	F201		WE 15x15	3.85	12	4.67	Gd	41894	0.336	0.937	1.070	1.108	1.122	1.120	1.114	1.117	1.119	1.119	1.119	1.123	1.123	1.119	1.108	1.047	0.890	0.311
Robinson 2	F301		WE 15x15	3.85	12	4	Gd	42016	0.327	0.933	1.075	1.115	1.129	1.127	1.119	1.122	1.122	1.120	1.119	1.122	1.120	1.115	1.101	1.038	0.880	0.315
Robinson 2	E502		WE 15x15	3.85	12	4.67	Gd	42235	0.330	0.930	1.071	1.112	1.128	1.129	1.125	1.130	1.131	1.129	1.127	1.130	1.128	1.117	1.100	1.033	0.860	0.294

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Seabrook	C49	WS310	WE 17x17	3.10	0			8223	0.511	0.861	1.044	1.103	1.174	1.148	1.181	1.176	1.139	1.157	1.123	1.126	1.115	1.067	1.028	0.910	0.707	0.431
Seabrook	C46	WS310	WE 17x17	3.11	0			8436	0.513	0.865	1.050	1.110	1.181	1.155	1.187	1.181	1.143	1.160	1.125	1.125	1.113	1.062	1.019	0.897	0.693	0.420
Seabrook	C38	WS310	WE 17x17	3.10	4	12.5	B2O3	10011	0.511	0.861	1.045	1.105	1.177	1.151	1.184	1.178	1.140	1.158	1.124	1.126	1.114	1.065	1.025	0.906	0.702	0.429
Seabrook	C13	WS310	WE 17x17	3.10	4	12.5	B2O3	10495	0.508	0.858	1.044	1.105	1.179	1.153	1.186	1.181	1.142	1.160	1.125	1.127	1.115	1.065	1.024	0.903	0.699	0.427
Seabrook	C20	WS310	WE 17x17	3.10	0			10594	0.512	0.861	1.046	1.107	1.179	1.153	1.185	1.180	1.141	1.159	1.124	1.125	1.113	1.063	1.022	0.902	0.699	0.428
Seabrook	D12	WS340	WE 17x17	3.40	0			10664	0.635	0.974	1.066	1.080	1.108	1.064	1.085	1.079	1.047	1.070	1.046	1.059	1.069	1.054	1.066	1.017	0.872	0.589
Seabrook	D08	WS340	WE 17x17	3.40	0			10671	0.628	0.967	1.062	1.095	1.129	1.085	1.105	1.098	1.062	1.081	1.054	1.063	1.066	1.047	1.049	0.986	0.833	0.559
Seabrook	A39	WS161	WE 17x17	1.61	0			11415	0.508	0.850	1.041	1.101	1.174	1.147	1.181	1.176	1.140	1.160	1.125	1.128	1.116	1.069	1.030	0.910	0.706	0.429
Seabrook	A24	WS161	WE 17x17	1.61	0			11481	0.501	0.851	1.037	1.100	1.175	1.149	1.183	1.179	1.143	1.163	1.128	1.132	1.122	1.071	1.031	0.909	0.702	0.426
Seabrook	C18	WS310	WE 17x17	3.11	0			11715	0.522	0.872	1.054	1.113	1.183	1.155	1.186	1.180	1.140	1.157	1.122	1.122	1.109	1.057	1.016	0.895	0.693	0.424
Seabrook	B55	WS240	WE 17x17	2.40	24	12.5	B2O3	12169	0.489	0.846	1.047	1.116	1.195	1.168	1.203	1.197	1.156	1.175	1.137	1.137	1.123	1.066	1.016	0.880	0.658	0.391
Seabrook	A05	WS161	WE 17x17	1.61	0			12363	0.509	0.858	1.040	1.100	1.173	1.146	1.181	1.176	1.141	1.161	1.127	1.131	1.121	1.071	1.030	0.906	0.701	0.426
Seabrook	A48	WS161	WE 17x17	1.60	0			12652	0.508	0.854	1.033	1.091	1.163	1.137	1.172	1.169	1.136	1.157	1.125	1.131	1.123	1.076	1.039	0.922	0.720	0.442
Seabrook	A29	WS161	WE 17x17	1.60	0			12844	0.503	0.848	1.027	1.085	1.157	1.132	1.168	1.167	1.137	1.162	1.133	1.143	1.139	1.096	1.061	0.933	0.695	0.413
Seabrook	D17	WS340	WE 17x17	3.40	64	1.57	ZrB2	12902	0.655	0.974	1.096	1.097	1.132	1.096	1.106	1.096	1.060	1.079	1.050	1.058	1.062	1.036	1.039	0.975	0.822	0.572
Seabrook	A04	WS161	WE 17x17	1.61	0			13063	0.511	0.856	1.031	1.088	1.158	1.132	1.167	1.165	1.133	1.155	1.125	1.131	1.124	1.079	1.044	0.928	0.726	0.447
Seabrook	A44	WS161	WE 17x17	1.60	0			13121	0.506	0.849	1.024	1.080	1.150	1.125	1.160	1.159	1.129	1.154	1.125	1.135	1.131	1.086	1.056	0.941	0.736	0.453
Seabrook	A21	WS161	WE 17x17	1.61	0			13137	0.511	0.855	1.029	1.084	1.154	1.129	1.164	1.161	1.130	1.153	1.123	1.131	1.125	1.081	1.048	0.935	0.734	0.454
Seabrook	C11	WS310	WE 17x17	3.10	24	12.5	B2O3	13163	0.495	0.846	1.041	1.107	1.184	1.157	1.193	1.188	1.148	1.168	1.132	1.134	1.121	1.067	1.023	0.896	0.685	0.417
Seabrook	A59	WS161	WE 17x17	1.61	0			13216	0.510	0.855	1.032	1.088	1.159	1.133	1.168	1.166	1.133	1.156	1.126	1.132	1.125	1.079	1.044	0.926	0.722	0.444
Seabrook	A35	WS161	WE 17x17	1.60	0			13221	0.506	0.851	1.025	1.080	1.149	1.124	1.159	1.158	1.128	1.152	1.124	1.133	1.129	1.087	1.055	0.942	0.740	0.458
Seabrook	A56	WS161	WE 17x17	1.60	0			13299	0.511	0.854	1.027	1.082	1.151	1.125	1.160	1.159	1.128	1.152	1.123	1.131	1.126	1.083	1.052	0.939	0.739	0.458
Seabrook	A55	WS161	WE 17x17	1.61	0			13327	0.511	0.854	1.027	1.081	1.150	1.125	1.160	1.158	1.128	1.152	1.123	1.131	1.127	1.084	1.053	0.940	0.739	0.458
Seabrook	C33	WS310	WE 17x17	3.10	3	12.5	B2O3	13400	0.523	0.875	1.060	1.120	1.192	1.163	1.194	1.187	1.145	1.161	1.124	1.122	1.107	1.052	1.007	0.882	0.676	0.412
Seabrook	E01	WS400	WE 17x17	4.00	0			13420	0.619	0.948	1.063	1.072	1.113	1.079	1.106	1.102	1.071	1.093	1.067	1.076	1.078	1.053	1.050	0.990	0.846	0.577
Seabrook	C02	WS310	WE 17x17	3.09	0			13498	0.521	0.871	1.053	1.110	1.182	1.153	1.185	1.179	1.139	1.157	1.122	1.123	1.110	1.058	1.017	0.896	0.695	0.428
Seabrook	D30	WS340	WE 17x17	3.39	64	1.57	ZrB2	13875	0.663	0.979	1.086	1.085	1.127	1.081	1.101	1.092	1.058	1.075	1.047	1.055	1.060	1.036	1.040	0.980	0.832	0.583
Seabrook	B57	WS240	WE 17x17	2.40	8	12.5	B2O3	14401	0.511	0.857	1.036	1.094	1.168	1.139	1.173	1.170	1.136	1.157	1.125	1.129	1.120	1.072	1.036	0.919	0.716	0.443
Seabrook	B40	WS240	WE 17x17	2.40	12	12.5	B2O3	14476	0.508	0.857	1.041	1.100	1.172	1.145	1.180	1.176	1.141	1.162	1.129	1.132	1.122	1.072	1.032	0.909	0.696	0.426
Seabrook	B53	WS240	WE 17x17	2.40	12	12.5	B2O3	14513	0.502	0.847	1.027	1.084	1.156	1.130	1.166	1.164	1.133	1.157	1.128	1.136	1.131	1.087	1.053	0.933	0.722	0.444
Seabrook	B05	WS240	WE 17x17	2.40	4	12.5	B2O3	14616	0.523	0.868	1.042	1.096	1.166	1.139	1.171	1.167	1.133	1.153	1.121	1.124	1.115	1.068	1.032	0.917	0.716	0.447
Seabrook	B64	WS240	WE 17x17	2.40	8	12.5	B2O3	14914	0.516	0.859	1.034	1.089	1.158	1.132	1.168	1.163	1.131	1.153	1.122	1.128	1.121	1.076	1.042	0.929	0.726	0.454
Seabrook	B27	WS240	WE 17x17	2.40	0			14925	0.524	0.873	1.054	1.113	1.183	1.156	1.188	1.183	1.146	1.164	1.130	1.130	1.118	1.066	1.023	0.892	0.661	0.395
Seabrook	B26	WS240	WE 17x17	2.40	8	12.5	B2O3	15066	0.516	0.859	1.033	1.088	1.156	1.130	1.164	1.162	1.130	1.153	1.122	1.129	1.122	1.078	1.044	0.931	0.730	0.455
Seabrook	B02	WS240	WE 17x17	2.40	8	12.5	B2O3	15071	0.514	0.858	1.030	1.084	1.153	1.128	1.161	1.159	1.129	1.151	1.122	1.129	1.124	1.081	1.049	0.937	0.736	0.459
Seabrook	D21	WS340	WE 17x17	3.40	64	1.57	ZrB2	15073	0.670	0.985	1.097	1.092	1.123	1.077	1.096	1.088	1.053	1.072	1.044	1.053	1.057	1.036	1.041	0.984	0.840	0.591
Seabrook	B32	WS240	WE 17x17	2.40	8	12.5	B2O3	15099	0.515	0.858	1.032	1.085	1.153	1.127	1.162	1.159	1.128	1.151	1.121	1.128	1.123	1.079	1.047	0.936	0.736	0.459
Seabrook	D33	WS340	WE 17x17	3.40	104	1.57	ZrB2	15314	0.676	0.985	1.100	1.094	1.125	1.077	1.097	1.088	1.052	1.072	1.043	1.051	1.056	1.035	1.039	0.982	0.835	0.593
Seabrook	C46	WS310	WE 17x17	3.11	0			15459	0.572	0.910	1.061	1.095	1.147	1.115	1.141	1.136	1.102	1.120	1.091	1.096	1.093	1.059	1.039	0.949	0.774	0.500
Seabrook	D47	WS340	WE 17x17	3.40	80	1.57	ZrB2	15588	0.662	0.984	1.078	1.082	1.085	1.039	1.060	1.056	1.027	1.053	1.031	1.047	1.062	1.054	1.076	1.039	0.906	0.656
Seabrook	D55	WS340	WE 17x17	3.40	80	1.57	ZrB2	15983	0.666	0.989	1.086	1.071	1.096	1.050	1.070	1.065	1.034	1.057	1.033	1.047	1.057	1.046	1.062	1.020	0.888	0.640
Seabrook	C39	WS310	WE 17x17	3.10	4	12.5	B2O3	16039	0.564	0.901	1.065	1.081	1.146	1.116	1.144	1.139	1.105	1.124	1.094	1.100	1.097	1.062	1.041	0.950	0.772	0.499
Seabrook	F45	WS400	WE 17x17	4.00	64	1.57	ZrB2	16077	0.829	0.948	1.063	1.071	1.114	1.077	1.102	1.096	1.065	1.086	1.060	1.069	1.072	1.047	1.044	0.964	0.843	0.829
Seabrook	D49	WS340	WE 17x17	3.40	80	1.57	ZrB2	16139	0.685	0.988	1.085	1.089	1.093	1.047	1.066	1.062	1.032	1.055	1.032	1.046	1.058	1.048	1.067	1.027	0.895	0.846
Seabrook	C49	WS310	WE 17x17	3.10	0			17640	0.591	0.925	1.083	1.086	1.132	1.096	1.123	1.119	1.086	1.106	1.079	1.087	1.088	1.059	1.049	0.972	0.807	0.531
Seabrook	F39	WS400	WE 17x17	4.00	64	1.57	ZrB2	17644	0.837	0.964	1.083	1.088	1.106	1.071	1.096	1.092	1.060	1.082	1.057	1.087	1.070	1.047	1.046	0.990	0.853	0.840
Seabrook	E41	WS440	WE 17x17	4.41	80	1.57	ZrB2	19131	0.852	0.959	1.081	1.082	1.136	1.099	1.124	1.117	1.081	1.099	1.068	1.071	1.066	1.032	1.019	0.947	0.797	0.563
Seabrook	E45	WS440	WE 17x17	4.40	80	1.57	ZrB2	19226	0.854	0.958	1.075	1.083	1.125	1.089	1.114	1.109	1.075	1.094	1.065	1.070	1.067	1.037	1.028	0.961	0.816	0.580
Seabrook	F06	WS400	WE 17x17	3.99	128	1.57	ZrB2	20069	0.658	0.981	1.084	1.086	1.103	1.066	1.090	1.086	1.054	1.077	1.052	1.062	1.066	1.044	1.046	0.993	0.859	0.656
Seabrook	E47	WS440	WE 17x17	4.41	80	1.57	ZrB2	20071	0.663	0.983	1.071	1.074	1.113	1.077	1.102	1.098	1.066	1.087	1.059	1.066	1.065	1.039	1.035	0.978	0.841	0.603
Seabrook	E70	WS440	WE 17x17	4.40	156	1.57	ZrB2	20113	0.673	0.982	1.076	1.081	1.121	1.083	1.108	1.103	1.069	1.089	1.060	1.065	1.063	1.035	1.028	0.985	0.822	0.599
Seabrook	G56	WS480	WE 17x17	4.82	104	2.355	ZrB2	20156	0.551	0.953	1.080	1.095	1.125	1.107	1.116	1.110	1.091	1.100	1.082	1.082	1.076	1.053	1.034	0.968	0.851	0.546
Seabrook	F06	WS400	WE 17x17	3.99	128	1.57	ZrB2	20188	0.652	0.981	1.080	1.073	1.111	1.073	1.097	1.092	1.059	1.080	1.054	1.063	1.065	1.041	1.040	0.983	0.844	0.644
Seabrook	F55	WS400	WE 17x17	4.00	104	1.57	ZrB2	20304	0.647	0.980	1.080	1.074	1.113	1.075	1.099	1.094	1.062	1.082	1.056	1.064	1.066	1.041	1.039	0.980	0.842	0.637
Seabrook	E11	WS400	WE 17x17	4.00	128	1.57	ZrB2	20918	0.666	0.980	1.061	1.053	1.093	1.060	1.088	1.087	1.060	1.084	1.060	1.069	1.072	1.049	1.051	1.000	0.869	0.639
Seabrook	F31	WS360	WE 17x17	3.62	128	1.57	ZrB2	20926	0.665	0.955	1.052	1.053	1.090	1.056	1.082	1.080	1.052	1.076	1.053	1.065	1.070	1.050	1.055	1.008	0.877	0.673
Seabrook	F33	WS360	WE 17x17	3.60	128	1.57	ZrB2	21083	0.650	0.950	1.050	1.053	1.093	1.060	1.086	1.084	1.057	1.081	1.057	1.068	1.072	1.051	1.053	1.001	0.869	0.667
Seabrook	E21	WS400	WE 17x17	4.00	156	1.57	ZrB2	21107	0.674	0.954	1.056	1.058	1.098	1.065	1.092	1.090	1.062	1.085	1.059	1.067	1.069	1.044	1.044	0.991	0.858	0.635
Seabrook	F03	WS360	WE 17x17	3.61	104	1.57	ZrB2	21305	0.647	0.951	1.052	1.057	1.097	1.063	1.089	1.087	1.059	1.082	1.058	1.068	1.071	1.049	1.049	0.996	0.864	0.659
Seabrook	F21	WS360	WE 17x17	3.61	128	1.57	ZrB2	21408	0.651	0.951	1.051	1.054	1.094	1.060	1.086	1.084	1.057	1.080	1.057	1.067	1.072	1.051	1.053	1.000	0.867	0.665
Seabrook	A39	WS161	WE 17x17	1.61	0			21429	0.587	0.916	1.060	1.072	1.120	1.087	1.115	1.112	1.083	1.106	1.080	1.091	1.094	1.066	1.061	0.987	0.825	0.547
Seabrook	E18	WS400	WE 17x17	4.00	156	1.57	ZrB2	21522	0.673	0.953	1.057	1.060	1.101	1.068	1.095	1.093	1.064	1.086	1.060	1.068	1.069	1.043	1.042	0.986	0.852	0.630
Seabrook	E57	WS440	WE 17x17	4.40	156	1.57	ZrB2	21555	0.670	0.961	1.078	1.087	1.129	1.093	1.118	1.112	1.077	1.096	1.064	1.067	1.063	1.030	1.018	0.950	0.804	0.583
Seabrook	E36	WS400	WE 17x17	4.00	156	1.57	ZrB2	21735	0.675	0.956	1.061	1.065	1.106	1.072	1.098	1.096	1.066	1.088	1.060	1.067	1.067	1.041	1.037	0.979	0.844	0.624
Seabrook	E61	WS440	WE 17x17	4.40	156	1.57	ZrB2	21790	0.683	0.966	1.070	1.071	1.109	1.073	1.098	1.094	1.063	1.084	1.056	1.062	1.062	1.036	1.033	0.976	0.842	0.621
Seabrook	F08	WS360	WE 17x17	3.61	128	1.57	ZrB2	21865	0.655	0.958	1.060	1.062	1.100	1.065	1.090	1.086	1.057	1.079	1.055	1.064	1.068	1.046	1.046	0.992	0.858	0.657
Seabrook	E17	WS400	WE 17x17	4.00	156	1.57	ZrB2	22003	0.678	0.962	1.066	1.066	1.107	1.072	1.096	1.095	1.065	1.086	1.058	1.065	1.065	1.039	1.035	0.978	0.843	0.621

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Seabrook	D12	WS340	WE 17x17	3.40	0			22088	0.636	0.967	1.066	1.069	1.104	1.068	1.091	1.086	1.059	1.060	1.057	1.068	1.073	1.054	1.058	1.006	0.867	0.567
Seabrook	D30	WS340	WE 17x17	3.39	84	1.57	ZrB2	22295	0.650	0.960	1.075	1.080	1.117	1.079	1.102	1.097	1.064	1.064	1.058	1.066	1.069	1.045	1.044	0.983	0.838	0.588
Seabrook	A29	WS161	WE 17x17	1.60	0			22417	0.576	0.901	1.036	1.082	1.111	1.081	1.111	1.110	1.084	1.111	1.089	1.103	1.110	1.087	1.082	0.999	0.815	0.532
Seabrook	G30	WS480	WE 17x17	4.62	80	2.355	ZrB2	22644	0.544	0.953	1.069	1.102	1.130	1.111	1.120	1.113	1.093	1.101	1.082	1.081	1.075	1.052	1.033	0.986	0.841	0.534
Seabrook	D21	WS340	WE 17x17	3.40	64	1.57	ZrB2	22776	0.658	0.966	1.075	1.077	1.111	1.073	1.095	1.090	1.059	1.079	1.054	1.063	1.067	1.046	1.047	0.991	0.851	0.600
Seabrook	B02	WS240	WE 17x17	2.40	8	12.5	B2O3	22787	0.589	0.898	1.044	1.077	1.131	1.101	1.130	1.128	1.098	1.120	1.094	1.103	1.103	1.071	1.055	0.987	0.792	0.520
Seabrook	C13	WS310	WE 17x17	3.10	4	12.5	B2O3	23263	0.612	0.938	1.064	1.080	1.122	1.088	1.112	1.108	1.077	1.097	1.071	1.080	1.082	1.057	1.050	0.981	0.825	0.556
Seabrook	D08	WS340	WE 17x17	3.40	0			23659	0.638	0.955	1.069	1.078	1.116	1.081	1.104	1.100	1.089	1.088	1.063	1.071	1.073	1.048	1.045	0.983	0.840	0.580
Seabrook	G48	WS480	WE 17x17	4.62	104	2.355	ZrB2	23936	0.560	0.960	1.060	1.088	1.118	1.096	1.109	1.105	1.085	1.095	1.078	1.079	1.075	1.054	1.039	0.977	0.862	0.558
Seabrook	C24	WS310	WE 17x17	3.10	0			23969	0.621	0.940	1.059	1.072	1.112	1.078	1.103	1.099	1.070	1.091	1.067	1.077	1.081	1.058	1.058	0.992	0.844	0.578
Seabrook	C20	WS310	WE 17x17	3.10	0			24115	0.620	0.939	1.059	1.072	1.112	1.078	1.103	1.099	1.070	1.091	1.067	1.078	1.081	1.059	1.057	0.993	0.844	0.578
Seabrook	E01	WS400	WE 17x17	4.00	0			24242	0.621	0.945	1.051	1.056	1.097	1.085	1.090	1.088	1.080	1.082	1.080	1.071	1.076	1.055	1.057	1.006	0.875	0.643
Seabrook	G50	WS480	WE 17x17	4.62	104	2.355	ZrB2	24626	0.556	0.981	1.089	1.099	1.127	1.107	1.116	1.110	1.090	1.098	1.079	1.078	1.072	1.049	1.031	0.986	0.847	0.544
Seabrook	B55	WS240	WE 17x17	2.40	24	12.5	B2O3	24752	0.595	0.921	1.056	1.077	1.124	1.091	1.118	1.114	1.083	1.105	1.079	1.089	1.091	1.064	1.055	0.978	0.814	0.547
Seabrook	C18	WS310	WE 17x17	3.11	0			24954	0.621	0.941	1.063	1.078	1.119	1.085	1.109	1.105	1.074	1.095	1.070	1.079	1.081	1.055	1.050	0.982	0.830	0.565
Seabrook	C46	WS310	WE 17x17	3.11	0			25040	0.605	0.927	1.056	1.078	1.124	1.094	1.119	1.116	1.085	1.105	1.079	1.086	1.086	1.057	1.046	0.972	0.816	0.550
Seabrook	G13	WS440	WE 17x17	4.25	104	2.355	ZrB2	25674	0.570	0.949	1.046	1.072	1.101	1.082	1.095	1.093	1.077	1.090	1.075	1.080	1.079	1.063	1.055	1.000	0.885	0.588
Seabrook	G52	WS480	WE 17x17	4.62	104	2.355	ZrB2	25844	0.556	0.984	1.072	1.103	1.131	1.111	1.119	1.112	1.092	1.099	1.080	1.077	1.070	1.047	1.027	0.980	0.840	0.539
Seabrook	B57	WS240	WE 17x17	2.40	8	12.5	B2O3	26027	0.596	0.916	1.045	1.067	1.113	1.082	1.109	1.107	1.079	1.102	1.079	1.090	1.094	1.069	1.063	0.991	0.832	0.563
Seabrook	C11	WS310	WE 17x17	3.10	24	12.5	B2O3	26040	0.599	0.925	1.061	1.084	1.132	1.096	1.124	1.119	1.087	1.107	1.080	1.088	1.087	1.057	1.045	0.986	0.803	0.536
Seabrook	G17	WS440	WE 17x17	4.25	104	2.355	ZrB2	26248	0.576	0.954	1.048	1.072	1.100	1.081	1.094	1.092	1.076	1.089	1.074	1.078	1.077	1.061	1.052	0.998	0.885	0.592
Seabrook	G21	WS440	WE 17x17	4.25	104	2.355	ZrB2	26303	0.584	0.956	1.048	1.070	1.096	1.080	1.093	1.091	1.075	1.088	1.073	1.076	1.076	1.059	1.050	0.987	0.886	0.597
Seabrook	B40	WS240	WE 17x17	2.40	12	12.5	B2O3	26315	0.598	0.920	1.051	1.074	1.121	1.089	1.116	1.114	1.084	1.106	1.081	1.091	1.093	1.065	1.055	0.978	0.814	0.547
Seabrook	B32	WS240	WE 17x17	2.40	8	12.5	B2O3	26586	0.599	0.917	1.043	1.062	1.106	1.077	1.104	1.103	1.076	1.100	1.077	1.089	1.095	1.072	1.068	0.996	0.842	0.572
Seabrook	G14	WS440	WE 17x17	4.25	104	2.355	ZrB2	26639	0.577	0.961	1.058	1.082	1.111	1.091	1.103	1.099	1.081	1.092	1.075	1.076	1.073	1.054	1.041	0.982	0.866	0.576
Seabrook	B27	WS240	WE 17x17	2.40	0			26640	0.603	0.928	1.060	1.085	1.133	1.101	1.127	1.123	1.092	1.112	1.085	1.083	1.092	1.061	1.047	0.980	0.783	0.517
Seabrook	B54	WS240	WE 17x17	2.40	8	12.5	B2O3	26811	0.601	0.919	1.047	1.067	1.113	1.081	1.106	1.106	1.078	1.101	1.078	1.089	1.093	1.068	1.062	0.991	0.833	0.566
Seabrook	B05	WS240	WE 17x17	2.40	4	12.5	B2O3	26854	0.606	0.926	1.054	1.076	1.122	1.090	1.116	1.113	1.083	1.104	1.079	1.088	1.089	1.061	1.051	0.976	0.816	0.552
Seabrook	B53	WS240	WE 17x17	2.40	12	12.5	B2O3	26896	0.597	0.916	1.045	1.065	1.111	1.079	1.107	1.105	1.078	1.102	1.079	1.091	1.097	1.073	1.067	0.994	0.832	0.562
Seabrook	C33	WS310	WE 17x17	3.10	3	12.5	B2O3	26922	0.618	0.937	1.061	1.078	1.120	1.086	1.111	1.107	1.076	1.096	1.071	1.080	1.082	1.056	1.049	0.980	0.828	0.564
Seabrook	C62	WS310	WE 17x17	3.09	0			26922	0.615	0.936	1.066	1.086	1.131	1.097	1.121	1.116	1.084	1.103	1.076	1.083	1.082	1.052	1.040	0.964	0.806	0.545
Seabrook	B28	WS240	WE 17x17	2.40	8	12.5	B2O3	27064	0.601	0.920	1.047	1.068	1.113	1.081	1.106	1.106	1.079	1.102	1.078	1.089	1.093	1.068	1.062	0.990	0.831	0.563
Seabrook	G78	WS480	WE 17x17	4.62	156	2.355	ZrB2	27324	0.580	0.971	1.055	1.077	1.105	1.086	1.098	1.095	1.078	1.089	1.072	1.075	1.073	1.054	1.043	0.985	0.862	0.583
Seabrook	G67	WS480	WE 17x17	4.62	128	2.355	ZrB2	27563	0.570	0.985	1.055	1.077	1.105	1.085	1.097	1.094	1.078	1.090	1.074	1.077	1.076	1.059	1.048	0.992	0.863	0.577
Seabrook	G70	WS480	WE 17x17	4.62	128	2.355	ZrB2	27715	0.565	0.989	1.072	1.100	1.128	1.107	1.116	1.109	1.090	1.097	1.077	1.075	1.069	1.046	1.027	0.981	0.843	0.547
Seabrook	A04	WS161	WE 17x17	1.61	0			29170	0.561	0.986	1.025	1.059	1.110	1.086	1.114	1.114	1.091	1.114	1.083	1.103	1.105	1.079	1.067	0.994	0.832	0.578
Seabrook	D17	WS340	WE 17x17	3.40	64	1.57	ZrB2	30506	0.663	0.967	1.057	1.080	1.097	1.063	1.088	1.086	1.058	1.080	1.058	1.068	1.070	1.050	1.052	1.000	0.870	0.627
Seabrook	F31	WS360	WE 17x17	3.62	128	1.57	ZrB2	31013	0.640	0.940	1.042	1.060	1.087	1.058	1.082	1.081	1.058	1.080	1.080	1.071	1.075	1.057	1.059	1.011	0.883	0.667
Seabrook	F33	WS360	WE 17x17	3.60	128	1.57	ZrB2	31158	0.634	0.937	1.042	1.063	1.092	1.063	1.087	1.086	1.062	1.084	1.083	1.073	1.076	1.056	1.056	1.005	0.874	0.658
Seabrook	D47	WS340	WE 17x17	3.40	80	1.57	ZrB2	32294	0.680	0.988	1.054	1.049	1.080	1.045	1.069	1.068	1.043	1.066	1.046	1.059	1.067	1.053	1.064	1.024	0.904	0.662
Seabrook	E72	WS440	WE 17x17	4.40	156	1.57	ZrB2	32503	0.664	0.958	1.052	1.053	1.089	1.057	1.081	1.080	1.053	1.075	1.052	1.062	1.066	1.047	1.050	1.002	0.878	0.660
Seabrook	E57	WS440	WE 17x17	4.40	156	1.57	ZrB2	32565	0.657	0.956	1.059	1.066	1.105	1.072	1.097	1.094	1.064	1.084	1.059	1.066	1.066	1.040	1.037	0.980	0.847	0.650
Seabrook	D33	WS340	WE 17x17	3.40	104	1.57	ZrB2	33133	0.675	0.989	1.070	1.072	1.107	1.072	1.094	1.090	1.060	1.078	1.054	1.062	1.064	1.041	1.040	0.985	0.852	0.613
Seabrook	D06	WS340	WE 17x17	3.40	0			33331	0.632	0.949	1.063	1.082	1.100	1.098	1.082	1.089	1.061	1.082	1.059	1.068	1.072	1.051	1.051	0.998	0.868	0.646
Seabrook	C39	WS310	WE 17x17	3.10	4	12.5	B2O3	33374	0.633	0.939	1.054	1.071	1.114	1.084	1.109	1.106	1.078	1.097	1.072	1.080	1.079	1.052	1.043	0.978	0.832	0.580
Seabrook	D49	WS340	WE 17x17	3.40	80	1.57	ZrB2	33586	0.679	0.985	1.055	1.052	1.084	1.050	1.073	1.072	1.047	1.069	1.049	1.060	1.067	1.052	1.060	1.017	0.895	0.655
Seabrook	D55	WS340	WE 17x17	3.40	80	1.57	ZrB2	33906	0.661	0.968	1.061	1.058	1.091	1.057	1.080	1.078	1.051	1.072	1.050	1.060	1.065	1.047	1.052	1.005	0.881	0.643
Seabrook	F21	WS360	WE 17x17	3.61	128	1.57	ZrB2	33936	0.632	0.938	1.045	1.067	1.095	1.067	1.089	1.088	1.064	1.085	1.064	1.073	1.076	1.055	1.054	1.001	0.868	0.650
Seabrook	C49	WS310	WE 17x17	3.10	0			34374	0.642	0.944	1.052	1.063	1.103	1.073	1.098	1.095	1.068	1.089	1.066	1.075	1.077	1.054	1.061	0.982	0.855	0.602
Seabrook	E41	WS440	WE 17x17	4.41	80	1.57	ZrB2	36619	0.658	0.981	1.059	1.064	1.101	1.069	1.082	1.089	1.060	1.080	1.056	1.064	1.065	1.042	1.039	0.986	0.859	0.656
Seabrook	D17	WS340	WE 17x17	3.40	64	1.57	ZrB2	36631	0.654	0.963	1.048	1.046	1.080	1.050	1.074	1.073	1.048	1.071	1.051	1.063	1.070	1.054	1.061	1.018	0.900	0.691
Seabrook	C13	WS310	WE 17x17	3.10	4	12.5	B2O3	36643	0.644	0.941	1.046	1.057	1.096	1.067	1.092	1.091	1.065	1.087	1.065	1.075	1.079	1.058	1.057	1.001	0.867	0.614
Seabrook	E11	WS400	WE 17x17	4.00	128	1.57	ZrB2	36679	0.665	0.953	1.039	1.041	1.077	1.048	1.074	1.074	1.051	1.074	1.054	1.065	1.070	1.052	1.056	1.014	0.897	0.666
Seabrook	C18	WS310	WE 17x17	3.11	0			36943	0.649	0.948	1.055	1.066	1.104	1.073	1.096	1.094	1.067	1.087	1.064	1.073	1.075	1.053	1.050	0.991	0.854	0.603
Seabrook	F55	WS400	WE 17x17	4.00	104	1.57	ZrB2	36966	0.638	0.945	1.051	1.062	1.099	1.070	1.091	1.089	1.064	1.083	1.062	1.070	1.071	1.050	1.047	0.995	0.864	0.647
Seabrook	F45	WS400	WE 17x17	4.00	84	1.57	ZrB2	36019	0.626	0.943	1.053	1.066	1.104	1.075	1.096	1.093	1.066	1.087	1.065	1.072	1.073	1.050	1.045	0.991	0.857	0.633
Seabrook	D33	WS340	WE 17x17	3.40	104	1.57	ZrB2	39021	0.656	0.959	1.058	1.060	1.095	1.063	1.085	1.083	1.056	1.076	1.053	1.063	1.066	1.046	1.047	0.997	0.872	0.668
Seabrook	C20	WS310	WE 17x17	3.10	0			39099	0.662	0.947	1.050	1.058	1.096	1.066	1.090	1.088	1.062	1.083	1.061	1.071	1.075	1.055	1.055	1.001	0.869	0.619
Seabrook	E47	WS440	WE 17x17	4.41	80	1.57	ZrB2	39128	0.666	0.963	1.052	1.053	1.087	1.056	1.079	1.077	1.051	1.072	1.051	1.061	1.065	1.046	1.049	1.004	0.886	0.662
Seabrook	E45	WS440	WE 17x17	4.40	80	1.57	ZrB2	39182	0.660	0.962	1.059	1.064	1.100	1.068	1.091	1.088	1.059	1.079	1.056	1.064	1.065	1.042	1.040	0.987	0.860	0.657
Seabrook	C24	WS310	WE 17x17	3.10	0			39639	0.651	0.946	1.050	1.060	1.099	1.070	1.094	1.092	1.066	1.086	1.064	1.073	1.076	1.054	1.051	0.994	0.861	0.612
Seabrook	D21	WS340	WE 17x17	3.40	64	1.57	ZrB2	39663	0.654	0.955	1.049	1.052	1.087	1.055	1.079	1.077	1.051	1.073	1.052	1.063	1.069	1.052	1.056	1.010	0.888	0.660
Seabrook	D12	WS340	WE 17x17	3.40	0			39676	0.644	0.951	1.046	1.051	1.086	1.056	1.079	1.078	1.053	1.075	1.054	1.068	1.071	1.054	1.058	1.013	0.891	0.673
Seabrook	E18	WS400	WE 17x17	4.00	156	1.57	ZrB2	39727	0.660	0.955	1.043	1.045	1.081	1.051	1.076	1.075	1.051	1.073	1.053	1.064	1.068	1.050	1.053	1.009	0.890	0.665
Seabrook	D30	WS340	WE 17x17	3.39	84	1.57	ZrB2	39745	0.650	0.952	1.049	1.055	1.091	1.060	1.084	1.082	1.056	1.077	1.055	1.065	1.070	1.051	1.053	1.003	0.878	0.671
Seabrook	E21	WS400	WE 17x17	4.00	156	1.57	ZrB2	39773	0.670	0.956	1.046	1.047	1.083	1.053	1.077	1.076	1.051	1.073	1.052	1.063	1.067	1.048	1.051	1.007	0.888	0.662
Seabrook	E70	WS440	WE 17x17	4.40	156	1.57	ZrB2	40010	0.669	0.963	1.057	1.060	1.095	1.063	1.086	1.083	1.055	1.076	1.053	1.061	1.064	1.042	1.042	0.992	0.868	0.672

Reactor	Assembly ID	Assembly Type	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Seabrook	D24	WS340	WE 17x17	3.40	64	1.57	ZrB2	40188	0.852	0.954	1.051	1.056	1.092	1.061	1.064	1.062	1.055	1.076	1.055	1.065	1.069	1.050	1.051	1.002	0.877	0.670
Seabrook	F39	WS400	WE 17x17	4.00	64	1.57	ZrB2	40230	0.833	0.946	1.052	1.063	1.100	1.071	1.092	1.069	1.065	1.064	1.063	1.071	1.072	1.051	1.047	0.995	0.864	0.641
Seabrook	E36	WS400	WE 17x17	4.00	156	1.57	ZrB2	41152	0.860	0.959	1.052	1.056	1.092	1.062	1.065	1.063	1.057	1.078	1.055	1.064	1.066	1.044	1.043	0.993	0.869	0.675
Seabrook	E17	WS400	WE 17x17	4.00	156	1.57	ZrB2	41186	0.871	0.959	1.049	1.051	1.086	1.056	1.060	1.079	1.053	1.075	1.053	1.063	1.066	1.046	1.048	1.000	0.879	0.685
Seabrook	E61	WS440	WE 17x17	4.40	156	1.57	ZrB2	41403	0.872	0.960	1.049	1.051	1.067	1.056	1.060	1.079	1.053	1.074	1.053	1.062	1.065	1.045	1.047	1.000	0.879	0.686
Seabrook	C64	WS310	WE 17x17	3.10	9	12.5	B2O3	41443	0.845	0.941	1.048	1.061	1.102	1.072	1.097	1.098	1.069	1.090	1.067	1.076	1.078	1.055	1.051	0.991	0.855	0.606
Seabrook	F68	WS400	WE 17x17	3.99	128	1.57	ZrB2	41720	0.847	0.947	1.047	1.056	1.091	1.063	1.085	1.083	1.059	1.080	1.060	1.069	1.071	1.052	1.051	1.003	0.876	0.661
Seabrook	F49	WS400	WE 17x17	4.01	104	1.57	ZrB2	41849	0.845	0.946	1.046	1.055	1.091	1.063	1.085	1.084	1.060	1.081	1.060	1.069	1.072	1.053	1.052	1.002	0.876	0.661
Seabrook	C62	WS310	WE 17x17	3.09	0			41875	0.846	0.941	1.048	1.061	1.101	1.072	1.097	1.095	1.068	1.089	1.066	1.076	1.078	1.055	1.051	0.992	0.855	0.606
Seabrook	C11	WS310	WE 17x17	3.10	24	12.5	B2O3	42152	0.840	0.938	1.050	1.064	1.106	1.076	1.101	1.099	1.072	1.092	1.069	1.078	1.080	1.055	1.050	0.987	0.846	0.596
Seabrook	F66	WS400	WE 17x17	3.99	128	1.57	ZrB2	42455	0.843	0.948	1.052	1.062	1.096	1.069	1.090	1.087	1.063	1.082	1.061	1.069	1.070	1.049	1.046	0.995	0.865	0.651
Seabrook	F08	WS360	WE 17x17	3.61	128	1.57	ZrB2	42954	0.844	0.942	1.043	1.052	1.088	1.061	1.082	1.081	1.059	1.080	1.061	1.070	1.074	1.056	1.055	1.007	0.880	0.666
Seabrook	F15	WS360	WE 17x17	3.62	128	1.57	ZrB2	42998	0.844	0.942	1.042	1.052	1.087	1.060	1.082	1.080	1.059	1.079	1.061	1.070	1.074	1.056	1.056	1.008	0.882	0.667
Seabrook	F03	WS360	WE 17x17	3.61	104	1.57	ZrB2	43059	0.844	0.943	1.042	1.053	1.088	1.062	1.084	1.082	1.061	1.081	1.062	1.071	1.073	1.054	1.053	1.004	0.879	0.665
Seabrook	E01	WS400	WE 17x17	4.00	0			45130	0.837	0.943	1.041	1.051	1.086	1.060	1.082	1.082	1.060	1.080	1.061	1.070	1.074	1.056	1.056	1.010	0.888	0.663
Seabrook	E41	WS440	WE 17x17	4.41	80	1.57	ZrB2	45744	0.855	0.951	1.048	1.055	1.092	1.063	1.086	1.084	1.059	1.079	1.058	1.067	1.069	1.048	1.047	0.998	0.875	0.666
Seabrook	E45	WS440	WE 17x17	4.40	80	1.57	ZrB2	46360	0.854	0.953	1.051	1.059	1.095	1.066	1.088	1.086	1.060	1.080	1.058	1.066	1.068	1.047	1.045	0.994	0.869	0.660
Seabrook	E70	WS440	WE 17x17	4.40	156	1.57	ZrB2	46899	0.863	0.954	1.049	1.056	1.091	1.062	1.084	1.082	1.057	1.077	1.056	1.064	1.067	1.047	1.046	0.998	0.875	0.673
Seabrook	D49	WS340	WE 17x17	3.40	80	1.57	ZrB2	49099	0.867	0.954	1.039	1.040	1.074	1.045	1.068	1.066	1.046	1.068	1.050	1.062	1.069	1.054	1.061	1.021	0.907	0.707
Seabrook	E72	WS440	WE 17x17	4.40	156	1.57	ZrB2	52899	0.858	0.946	1.040	1.048	1.081	1.056	1.077	1.076	1.055	1.075	1.057	1.066	1.070	1.054	1.055	1.011	0.891	0.686
Seabrook	E57	WS440	WE 17x17	4.40	156	1.57	ZrB2	53517	0.859	0.946	1.045	1.054	1.088	1.063	1.083	1.082	1.060	1.079	1.060	1.067	1.069	1.049	1.047	0.999	0.877	0.672

Reactor	Assemb ID	Asse Typ	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Three Mile Island 1	D05		BW 15x15	2.64	0			4611	0.530	0.894	1.058	1.110	1.119	1.114	1.106	1.106	1.109	1.114	1.117	1.117	1.112	1.097	1.080	0.975	0.793	0.467
Three Mile Island 1	E07		BW 15x15	2.85	0			4999	0.631	1.007	1.135	1.133	1.096	1.089	1.053	1.047	1.050	1.060	1.070	1.077	1.079	1.073	1.052	0.996	0.845	0.525
Three Mile Island 1	E06		BW 15x15	2.85	0			5304	0.574	0.939	1.089	1.122	1.112	1.093	1.078	1.071	1.073	1.081	1.090	1.095	1.094	1.085	1.061	0.996	0.835	0.511
Three Mile Island 1	D07		BW 15x15	2.64	0			5450	0.536	0.897	1.080	1.114	1.122	1.117	1.112	1.113	1.119	1.126	1.133	1.132	1.123	1.098	1.045	0.943	0.780	0.449
Three Mile Island 1	D03		BW 15x15	2.64	0			5737	0.550	0.910	1.083	1.109	1.116	1.112	1.106	1.102	1.102	1.104	1.105	1.105	1.100	1.089	1.057	0.981	0.806	0.483
Three Mile Island 1	E44		BW 15x15	2.85	0			5792	0.491	0.841	1.024	1.107	1.142	1.151	1.148	1.139	1.131	1.124	1.119	1.115	1.107	1.091	1.052	0.986	0.786	0.464
Three Mile Island 1	E47		BW 15x15	2.85	0			5817	0.501	0.850	1.023	1.098	1.120	1.124	1.120	1.117	1.117	1.120	1.124	1.126	1.122	1.108	1.071	0.985	0.802	0.474
Three Mile Island 1	D08		BW 15x15	2.64	0			5858	0.551	0.911	1.089	1.120	1.129	1.124	1.119	1.120	1.126	1.134	1.139	1.138	1.126	1.098	1.031	0.911	0.725	0.429
Three Mile Island 1	D01		BW 15x15	2.64	0			5904	0.554	0.912	1.082	1.108	1.114	1.111	1.105	1.101	1.099	1.100	1.101	1.101	1.097	1.087	1.059	0.985	0.815	0.490
Three Mile Island 1	E54		BW 15x15	2.85	0			6291	0.510	0.861	1.035	1.113	1.152	1.171	1.175	1.168	1.152	1.130	1.110	1.095	1.081	1.061	1.024	0.942	0.771	0.448
Three Mile Island 1	E57		BW 15x15	2.85	0			6659	0.525	0.882	1.052	1.120	1.143	1.147	1.143	1.134	1.125	1.116	1.108	1.101	1.092	1.074	1.038	0.958	0.785	0.457
Three Mile Island 1	E04		BW 15x15	2.85	0			6735	0.552	0.925	1.094	1.146	1.149	1.136	1.122	1.112	1.106	1.104	1.102	1.097	1.087	1.066	1.026	0.943	0.771	0.460
Three Mile Island 1	E42		BW 15x15	2.85	0			6868	0.500	0.845	1.024	1.110	1.150	1.165	1.163	1.152	1.137	1.124	1.114	1.106	1.096	1.080	1.042	0.957	0.776	0.457
Three Mile Island 1	E41		BW 15x15	2.85	0			6879	0.502	0.845	1.023	1.112	1.156	1.174	1.173	1.160	1.143	1.126	1.113	1.103	1.094	1.077	1.041	0.954	0.785	0.439
Three Mile Island 1	E01		BW 15x15	2.85	0			7474	0.630	1.030	1.162	1.183	1.151	1.129	1.114	1.101	1.091	1.084	1.077	1.069	1.055	1.030	0.983	0.902	0.741	0.447
Three Mile Island 1	E52		BW 15x15	2.85	0			7511	0.624	0.999	1.034	1.110	1.152	1.177	1.186	1.180	1.161	1.133	1.107	1.089	1.073	1.054	1.016	0.934	0.780	0.440
Three Mile Island 1	D06		BW 15x15	2.64	0			7730	0.557	0.918	1.071	1.114	1.115	1.105	1.097	1.097	1.105	1.115	1.121	1.120	1.112	1.091	1.048	0.959	0.784	0.471
Three Mile Island 1	E51		BW 15x15	2.85	0			7760	0.531	0.877	1.040	1.112	1.152	1.176	1.185	1.180	1.162	1.135	1.110	1.091	1.076	1.056	1.018	0.932	0.747	0.419
Three Mile Island 1	C08		BW 15x15	3.05	0			7922	0.546	0.903	1.065	1.115	1.119	1.115	1.116	1.122	1.128	1.132	1.132	1.127	1.116	1.091	1.038	0.936	0.752	0.447
Three Mile Island 1	E02		BW 15x15	2.85	0			7942	0.582	0.974	1.134	1.166	1.154	1.136	1.121	1.108	1.101	1.095	1.089	1.082	1.069	1.045	1.003	0.921	0.755	0.456
Three Mile Island 1	C05		BW 15x15	3.05	0			8170	0.585	0.970	1.129	1.150	1.133	1.120	1.113	1.111	1.109	1.107	1.103	1.097	1.087	1.065	1.017	0.922	0.743	0.440
Three Mile Island 1	E45		BW 15x15	2.85	0			8199	0.518	0.864	1.032	1.101	1.123	1.123	1.115	1.106	1.106	1.109	1.114	1.116	1.112	1.099	1.065	0.967	0.814	0.493
Three Mile Island 1	D09		BW 15x15	2.64	0			8450	0.590	0.948	1.081	1.109	1.103	1.091	1.081	1.080	1.086	1.098	1.105	1.106	1.100	1.086	1.052	0.977	0.810	0.494
Three Mile Island 1	C09		BW 15x15	3.05	0			8490	0.564	0.920	1.077	1.119	1.117	1.111	1.113	1.119	1.127	1.132	1.133	1.128	1.116	1.088	1.031	0.923	0.739	0.443
Three Mile Island 1	E05		BW 15x15	2.85	0			8530	0.577	0.936	1.089	1.129	1.122	1.102	1.085	1.077	1.078	1.085	1.093	1.095	1.091	1.079	1.050	0.982	0.822	0.506
Three Mile Island 1	E55		BW 15x15	2.85	0			9372	0.543	0.896	1.056	1.122	1.145	1.149	1.143	1.132	1.120	1.108	1.098	1.091	1.081	1.064	1.030	0.955	0.793	0.472
Three Mile Island 1	E39		BW 15x15	2.85	0			9445	0.539	0.880	1.036	1.097	1.116	1.115	1.109	1.104	1.104	1.109	1.115	1.118	1.115	1.102	1.066	0.968	0.807	0.479
Three Mile Island 1	E43		BW 15x15	2.85	0			9766	0.530	0.872	1.038	1.110	1.135	1.136	1.126	1.114	1.105	1.103	1.103	1.103	1.096	1.084	1.052	0.978	0.814	0.499
Three Mile Island 1	D02		BW 15x15	2.64	0			9999	0.656	1.007	1.091	1.070	1.022	0.989	0.978	0.989	1.031	1.082	1.110	1.121	1.124	1.120	1.101	1.045	0.894	0.589
Three Mile Island 1	E56		BW 15x15	2.85	0			10556	0.589	0.917	1.067	1.123	1.139	1.139	1.131	1.121	1.110	1.101	1.095	1.090	1.082	1.067	1.034	0.959	0.790	0.465
Three Mile Island 1	E58		BW 15x15	2.85	0			10626	0.555	0.897	1.051	1.115	1.145	1.158	1.157	1.146	1.128	1.108	1.090	1.079	1.068	1.052	1.021	0.951	0.797	0.484
Three Mile Island 1	C03		BW 15x15	3.05	0			10683	0.582	0.966	1.122	1.151	1.139	1.126	1.119	1.116	1.113	1.110	1.108	1.098	1.086	1.061	1.009	0.911	0.734	0.439
Three Mile Island 1	E68		BW 15x15	2.85	0			11063	0.558	0.901	1.047	1.096	1.111	1.109	1.104	1.100	1.098	1.097	1.097	1.097	1.094	1.086	1.061	0.995	0.838	0.508
Three Mile Island 1	E03		BW 15x15	2.85	0			11154	0.582	0.954	1.105	1.143	1.135	1.114	1.096	1.084	1.082	1.086	1.090	1.088	1.080	1.064	1.030	0.958	0.801	0.486
Three Mile Island 1	C02		BW 15x15	3.05	0			11423	0.601	0.980	1.134	1.156	1.139	1.125	1.118	1.115	1.113	1.111	1.106	1.099	1.085	1.058	1.004	0.903	0.724	0.430
Three Mile Island 1	C06		BW 15x15	3.05	0			11633	0.578	0.946	1.096	1.123	1.112	1.104	1.104	1.111	1.117	1.119	1.118	1.113	1.102	1.079	1.031	0.936	0.758	0.454
Three Mile Island 1	A10		BW 15x15	2.06	0			12181	0.656	1.045	1.183	1.106	1.051	1.047	1.063	1.090	1.116	1.132	1.138	1.135	1.121	1.089	1.025	0.897	0.693	0.412
Three Mile Island 1	C07		BW 15x15	3.05	0			12418	0.628	0.935	1.081	1.109	1.099	1.093	1.097	1.109	1.121	1.128	1.129	1.124	1.111	1.082	1.024	0.915	0.733	0.481
Three Mile Island 1	E69		BW 15x15	2.85	15	0.18	B4C	12797	0.587	0.912	1.054	1.104	1.116	1.114	1.109	1.104	1.101	1.100	1.099	1.097	1.093	1.083	1.055	0.980	0.805	0.478
Three Mile Island 1	G04		BW 15x15	3.63	0			13098	0.575	0.909	1.045	1.090	1.101	1.100	1.097	1.093	1.091	1.090	1.089	1.089	1.087	1.081	1.060	1.003	0.857	0.543
Three Mile Island 1	C04		BW 15x15	3.05	0			13149	0.663	1.092	1.237	1.157	1.100	1.082	1.077	1.078	1.079	1.077	1.073	1.067	1.058	1.039	0.996	0.909	0.741	0.455
Three Mile Island 1	E54		BW 15x15	2.85	0			13182	0.537	0.879	1.037	1.100	1.124	1.132	1.133	1.129	1.121	1.112	1.105	1.099	1.092	1.080	1.049	0.978	0.811	0.484
Three Mile Island 1	E65		BW 15x15	2.85	15	0.18	B4C	13411	0.605	0.911	1.042	1.087	1.087	1.087	1.084	1.091	1.091	1.091	1.090	1.089	1.087	1.080	1.058	1.000	0.854	0.537
Three Mile Island 1	A09		BW 15x15	2.06	0			13640	0.581	0.928	1.061	1.081	1.070	1.085	1.079	1.107	1.130	1.142	1.144	1.141	1.130	1.105	1.053	0.951	0.766	0.465
Three Mile Island 1	B01		BW 15x15	2.75	0			14074	0.832	1.300	1.444	1.204	1.059	1.032	1.027	1.025	1.025	1.026	1.026	1.025	1.019	1.002	0.959	0.863	0.693	0.437
Three Mile Island 1	G08		BW 15x15	3.63	0			14470	0.575	0.911	1.048	1.096	1.108	1.109	1.104	1.100	1.096	1.093	1.091	1.089	1.085	1.076	1.052	0.990	0.843	0.532
Three Mile Island 1	A11		BW 15x15	2.06	0			14488	0.625	0.961	0.925	0.798	0.758	0.750	0.815	1.062	1.230	1.275	1.267	1.266	1.277	1.252	1.195	1.079	0.869	0.526
Three Mile Island 1	B07		BW 15x15	2.75	0			14662	0.661	0.982	1.125	1.138	1.118	1.105	1.102	1.104	1.107	1.107	1.104	1.097	1.083	1.057	1.003	0.901	0.726	0.481
Three Mile Island 1	E51		BW 15x15	2.85	0			15215	0.562	0.890	1.040	1.100	1.126	1.137	1.139	1.136	1.128	1.116	1.106	1.096	1.080	1.077	1.045	0.967	0.791	0.461
Three Mile Island 1	G05		BW 15x15	3.63	15	0.18	B4C	15233	0.611	0.919	1.052	1.097	1.108	1.107	1.103	1.096	1.095	1.093	1.093	1.092	1.089	1.081	1.056	0.985	0.816	0.505
Three Mile Island 1	E08		BW 15x15	2.85	0			15278	0.572	0.905	1.053	1.110	1.126	1.119	1.102	1.083	1.072	1.073	1.081	1.086	1.087	1.081	1.060	1.002	0.853	0.535
Three Mile Island 1	C01		BW 15x15	3.05	0			15538	0.666	1.084	1.230	1.164	1.108	1.096	1.094	1.096	1.099	1.100	1.096	1.088	1.071	1.040	0.981	0.868	0.683	0.415
Three Mile Island 1	A08		BW 15x15	2.06	0			15649	0.562	0.917	1.037	1.054	1.047	1.049	1.077	1.125	1.165	1.186	1.193	1.192	1.183	1.159	1.104	0.986	0.836	0.327
Three Mile Island 1	D07		BW 15x15	2.64	0			15577	0.643	1.000	1.123	1.121	1.070	1.021	0.997	0.996	1.020	1.067	1.103	1.117	1.118	1.108	1.079	1.013	0.859	0.546
Three Mile Island 1	E07		BW 15x15	2.85	0			15624	0.598	0.926	1.055	1.091	1.094	1.087	1.079	1.076	1.079	1.089	1.099	1.107	1.110	1.107	1.068	1.026	0.841	0.446
Three Mile Island 1	B09		BW 15x15	2.75	0			15646	0.637	0.938	1.050	1.050	1.031	1.025	1.047	1.096	1.132	1.147	1.150	1.146	1.135	1.111	1.059	0.957	0.776	0.512
Three Mile Island 1	B10		BW 15x15	2.75	0			15674	0.630	0.929	1.036	1.033	1.013	1.011	1.040	1.099	1.145	1.166	1.173	1.170	1.159	1.133	1.076	0.958	0.750	0.479
Three Mile Island 1	A05		BW 15x15	2.06	0			15718	0.589	0.931	1.063	1.067	1.080	1.077	1.087	1.109	1.128	1.137	1.136	1.134	1.124	1.100	1.048	0.945	0.760	0.463
Three Mile Island 1	D03		BW 15x15	2.64	0			15842	0.654	1.018	1.151	1.155	1.006	0.870	0.841	0.839	0.879	1.071	1.164	1.185	1.189	1.163	1.101	1.009	0.938	0.598
Three Mile Island 1	E62		BW 15x15	2.85	15	0.71	B4C	15893	0.630	0.926	1.047	1.091	1.103	1.103	1.101	1.100	1.096	1.095	1.091	1.087	1.082	1.073	1.049	0.984	0.828	0.520
Three Mile Island 1	E04		BW 15x15	2.85	0			15963	0.611	0.967	1.118	1.159	1.094	0.958	0.903	0.868	0.902	1.023	1.136	1.174	1.179	1.170	1.145	1.077	0.915	0.580
Three Mile Island 1	E66		BW 15x15	2.85	15	0.71	B4C	15997	0.629	0.926	1.060	1.106	1.116	1.111	1.096	1.080	1.086	1.083	1.080	1.076	1.072	1.065	1.045	0.984	0.836	0.536
Three Mile Island 1	E56		BW 15x15	2.85	0			16081	0.571	0.906	1.050	1.101	1.116	1.116	1.111	1.106	1.100	1.096	1.094	1.093	1.089	1.079	1.053	0.987	0.830	0.503
Three Mile Island 1	E67		BW 15x15	2.85	15	0.71	B4C	16084	0.637	0.931	1.063	1.109	1.119	1.113	1.100	1.092	1.089	1.085	1.081	1.077	1.073	1.066	1.046	0.981	0.822	0.519
Three Mile Island 1	D05		BW 15x15	2.64	0			16166	0.606	0.946	1.077	1.106	1.083	1.050	1.032	1.028	1.043	1.080	1.107	1.117	1.118	1.110	1.086	1.019	0.855	0.537
Three Mile Island 1	E63		BW 15x15	2.85	15	0.92	B4C	16189	0.636	0.910	1.029	1.072	1.088	1.097	1.103	1.106	1.105	1.099	1.088	1.078	1.070	1.060	1.039	0.987	0.858	0.575
Three Mile Island 1	E62		BW 15x15	2.85	0			16240	0.581	0.913	1.048	1.095	1.106	1.108	1.104	1.099	1.095	1.092	1.090	1.087	1.083	1.075	1.051	0.992	0.848	0.530

Reactor	Assemb ID	Asse Typ	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height: Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Three Mile Island 1	E61		BW 15x15	2.85	15	0.92	B4C	16272	0.636	0.912	1.032	1.076	1.094	1.107	1.117	1.121	1.120	1.111	1.094	1.080	1.070	1.060	1.036	0.974	0.825	0.533
Three Mile Island 1	E44		BW 15x15	2.85	0			16303	0.621	0.969	1.110	1.159	1.159	1.068	0.972	0.939	0.928	0.939	1.064	1.131	1.145	1.139	1.116	1.056	0.904	0.580
Three Mile Island 1	F01		BW 15x15	2.95	15	0.92	B4C	16317	0.638	0.911	1.029	1.072	1.086	1.091	1.094	1.095	1.094	1.091	1.086	1.080	1.074	1.064	1.044	0.994	0.869	0.586
Three Mile Island 1	D01		BW 15x15	2.64	0			16389	0.561	0.879	1.019	1.067	1.125	1.139	1.133	1.113	1.090	1.073	1.063	1.061	1.063	1.064	1.057	1.016	0.864	0.575
Three Mile Island 1	G02		BW 15x15	3.63	15	0.18	B4C	16485	0.625	0.924	1.047	1.086	1.094	1.093	1.088	1.084	1.081	1.080	1.080	1.079	1.078	1.072	1.054	1.002	0.866	0.568
Three Mile Island 1	E64		BW 15x15	2.85	15	0.92	B4C	16498	0.641	0.926	1.051	1.096	1.109	1.112	1.107	1.104	1.101	1.095	1.085	1.075	1.068	1.060	1.041	0.978	0.823	0.526
Three Mile Island 1	A02		BW 15x15	2.06	0			16518	0.573	0.910	1.053	1.099	1.108	1.111	1.121	1.137	1.152	1.160	1.163	1.160	1.151	1.129	1.076	0.944	0.626	0.324
Three Mile Island 1	F03		BW 15x15	2.95	15	0.92	B4C	16558	0.645	0.925	1.048	1.092	1.105	1.106	1.101	1.096	1.095	1.089	1.078	1.069	1.062	1.055	1.038	0.984	0.846	0.562
Three Mile Island 1	C06		BW 15x15	3.05	0			16631	0.581	0.929	1.073	1.114	1.116	1.109	1.106	1.109	1.116	1.123	1.127	1.125	1.115	1.090	1.033	0.926	0.751	0.459
Three Mile Island 1	D06		BW 15x15	2.64	0			16699	0.629	0.974	1.097	1.110	1.077	1.039	1.018	1.016	1.036	1.073	1.103	1.117	1.119	1.110	1.080	1.009	0.852	0.542
Three Mile Island 1	G89		BW 15x15	3.63	15	0.44	B4C	16758	0.630	0.930	1.058	1.102	1.113	1.112	1.107	1.102	1.097	1.093	1.090	1.087	1.082	1.072	1.044	0.971	0.804	0.506
Three Mile Island 1	A03		BW 15x15	2.06	0			17024	0.578	0.918	1.064	1.106	1.110	1.107	1.107	1.108	1.110	1.111	1.112	1.110	1.103	1.085	1.042	0.953	0.785	0.491
Three Mile Island 1	A04		BW 15x15	2.06	0			17030	0.556	0.882	1.018	1.061	1.071	1.076	1.090	1.113	1.133	1.143	1.147	1.146	1.138	1.118	1.070	0.970	0.785	0.482
Three Mile Island 1	B04		BW 15x15	2.75	0			17041	0.633	0.940	1.080	1.110	1.104	1.100	1.103	1.113	1.122	1.127	1.126	1.121	1.109	1.083	1.028	0.916	0.719	0.464
Three Mile Island 1	A06		BW 15x15	2.06	0			17135	0.554	0.881	1.022	1.070	1.082	1.087	1.097	1.113	1.126	1.137	1.140	1.139	1.132	1.112	1.066	0.968	0.787	0.485
Three Mile Island 1	E56		BW 15x15	2.85	0			17245	0.569	0.896	1.038	1.082	1.114	1.122	1.122	1.117	1.108	1.096	1.090	1.086	1.081	1.071	1.046	0.988	0.841	0.523
Three Mile Island 1	A01		BW 15x15	2.06	0			17307	0.560	0.882	1.040	1.083	1.106	1.108	1.110	1.114	1.118	1.121	1.122	1.120	1.113	1.094	1.050	0.980	0.789	0.492
Three Mile Island 1	E47		BW 15x15	2.85	0			17348	0.593	0.919	1.046	1.088	1.101	1.102	1.096	1.089	1.082	1.077	1.079	1.083	1.083	1.078	1.060	1.008	0.864	0.556
Three Mile Island 1	B06		BW 15x15	2.75	0			17437	0.610	0.886	1.015	1.037	1.036	1.038	1.061	1.108	1.143	1.158	1.162	1.160	1.150	1.127	1.074	0.963	0.763	0.494
Three Mile Island 1	E42		BW 15x15	2.85	0			17470	0.577	0.904	1.042	1.096	1.122	1.128	1.123	1.112	1.099	1.087	1.083	1.082	1.079	1.069	1.045	0.984	0.836	0.531
Three Mile Island 1	B02		BW 15x15	2.75	0			17552	0.648	0.959	1.101	1.122	1.109	1.100	1.097	1.096	1.098	1.096	1.096	1.093	1.086	1.067	1.022	0.931	0.765	0.516
Three Mile Island 1	D06		BW 15x15	2.64	0			17585	0.613	0.970	1.108	1.132	1.120	1.104	1.092	1.086	1.086	1.090	1.093	1.091	1.083	1.064	1.027	0.952	0.795	0.495
Three Mile Island 1	B06		BW 15x15	2.75	0			17615	0.601	0.990	1.004	1.025	1.024	1.028	1.054	1.106	1.144	1.162	1.168	1.167	1.158	1.135	1.084	0.975	0.775	0.500
Three Mile Island 1	E01		BW 15x15	2.85	0			17657	0.598	0.938	1.078	1.119	1.129	1.129	1.118	1.100	1.085	1.075	1.071	1.071	1.068	1.058	1.032	0.973	0.830	0.530
Three Mile Island 1	G84		BW 15x15	3.63	15	0.44	B4C	17837	0.622	0.918	1.044	1.088	1.100	1.100	1.097	1.093	1.090	1.087	1.084	1.081	1.077	1.069	1.046	0.980	0.853	0.561
Three Mile Island 1	E02		BW 15x15	2.85	0			18067	0.588	0.922	1.056	1.096	1.104	1.103	1.099	1.093	1.090	1.088	1.088	1.088	1.084	1.075	1.050	0.980	0.845	0.540
Three Mile Island 1	C05		BW 15x15	3.05	0			18094	0.611	0.965	1.099	1.118	1.101	1.085	1.077	1.079	1.091	1.104	1.110	1.110	1.102	1.062	1.039	0.952	0.788	0.488
Three Mile Island 1	E06		BW 15x15	2.85	0			18118	0.588	0.923	1.058	1.099	1.107	1.105	1.100	1.094	1.090	1.089	1.089	1.088	1.084	1.074	1.049	0.988	0.840	0.535
Three Mile Island 1	E75		BW 15x15	2.85	15	0.18	B4C	18137	0.624	0.929	1.067	1.100	1.110	1.106	1.095	1.087	1.082	1.081	1.080	1.080	1.078	1.073	1.056	0.997	0.841	0.524
Three Mile Island 1	E41		BW 15x15	2.85	0			18187	0.587	0.909	1.036	1.083	1.103	1.112	1.114	1.110	1.102	1.092	1.083	1.078	1.073	1.067	1.049	0.997	0.856	0.549
Three Mile Island 1	I08		BW 15x15	4.00	0			18239	0.589	0.916	1.040	1.079	1.089	1.089	1.087	1.085	1.084	1.084	1.085	1.085	1.085	1.081	1.085	1.014	0.877	0.565
Three Mile Island 1	B03		BW 15x15	2.75	0			18353	0.592	0.883	1.028	1.081	1.095	1.099	1.108	1.117	1.128	1.132	1.134	1.131	1.123	1.102	1.053	0.949	0.757	0.493
Three Mile Island 1	B05		BW 15x15	2.75	0			18388	0.596	0.885	1.031	1.084	1.096	1.101	1.105	1.111	1.117	1.121	1.122	1.120	1.112	1.092	1.047	0.953	0.782	0.524
Three Mile Island 1	E05		BW 15x15	2.85	0			18406	0.589	0.925	1.062	1.103	1.093	1.083	1.041	1.033	1.043	1.072	1.101	1.116	1.119	1.112	1.089	1.026	0.868	0.545
Three Mile Island 1	C02		BW 15x15	3.05	0			18639	0.625	0.978	1.102	1.121	1.111	1.101	1.095	1.092	1.092	1.093	1.093	1.090	1.083	1.066	1.030	0.951	0.790	0.489
Three Mile Island 1	E81		BW 15x15	2.85	15	0.44	B4C	18679	0.626	0.917	1.038	1.080	1.092	1.094	1.092	1.091	1.089	1.088	1.087	1.087	1.085	1.079	1.059	1.001	0.852	0.544
Three Mile Island 1	C09		BW 15x15	3.05	0			18744	0.615	0.951	1.073	1.089	1.096	1.047	1.041	1.051	1.076	1.104	1.120	1.125	1.121	1.105	1.067	0.988	0.831	0.530
Three Mile Island 1	E73		BW 15x15	2.85	15	0.44	B4C	18746	0.632	0.928	1.052	1.094	1.104	1.101	1.092	1.084	1.081	1.080	1.080	1.080	1.079	1.075	1.057	0.999	0.848	0.535
Three Mile Island 1	D04		BW 15x15	2.64	0			18782	0.602	0.926	1.046	1.084	1.093	1.088	1.081	1.076	1.076	1.081	1.088	1.092	1.092	1.088	1.069	1.011	0.859	0.548
Three Mile Island 1	D09		BW 15x15	2.64	0			18788	0.633	0.978	1.100	1.116	1.103	1.087	1.075	1.070	1.073	1.081	1.088	1.090	1.086	1.074	1.044	0.974	0.816	0.512
Three Mile Island 1	G03		BW 15x15	3.63	15	1.16	B4C	18854	0.651	0.930	1.055	1.097	1.106	1.101	1.090	1.080	1.076	1.073	1.072	1.070	1.068	1.062	1.045	0.992	0.855	0.579
Three Mile Island 1	E71		BW 15x15	2.85	15	0.89	B4C	19007	0.630	0.914	1.039	1.083	1.095	1.095	1.092	1.089	1.087	1.087	1.087	1.088	1.087	1.081	1.060	0.999	0.845	0.543
Three Mile Island 1	E74		BW 15x15	2.85	15	0.71	B4C	19013	0.628	0.919	1.046	1.089	1.101	1.098	1.089	1.082	1.078	1.077	1.077	1.077	1.077	1.072	1.056	1.004	0.866	0.564
Three Mile Island 1	E48		BW 15x15	2.85	0			19049	0.570	0.899	1.043	1.103	1.132	1.144	1.144	1.137	1.125	1.111	1.100	1.093	1.085	1.073	1.044	0.972	0.786	0.438
Three Mile Island 1	E45		BW 15x15	2.85	0			19174	0.589	0.911	1.036	1.079	1.093	1.097	1.097	1.095	1.092	1.089	1.086	1.084	1.082	1.076	1.058	1.007	0.866	0.561
Three Mile Island 1	F71		BW 15x15	2.95	15	0.89	B4C	19239	0.625	0.906	1.028	1.071	1.084	1.086	1.085	1.084	1.084	1.084	1.085	1.086	1.085	1.080	1.061	1.010	0.877	0.581
Three Mile Island 1	E72		BW 15x15	2.85	15	0.71	B4C	19280	0.621	0.907	1.032	1.076	1.088	1.090	1.088	1.086	1.085	1.085	1.085	1.086	1.085	1.079	1.060	1.008	0.871	0.570
Three Mile Island 1	E49		BW 15x15	2.85	0			19326	0.597	0.923	1.051	1.095	1.113	1.119	1.117	1.111	1.103	1.095	1.091	1.090	1.089	1.083	1.063	0.999	0.812	0.448
Three Mile Island 1	G01		BW 15x15	3.63	15	1.16	B4C	19394	0.654	0.930	1.051	1.091	1.100	1.097	1.092	1.086	1.083	1.081	1.081	1.080	1.077	1.071	1.049	0.987	0.836	0.555
Three Mile Island 1	K02		BW 15x15	4.75	0			19605	0.610	0.925	1.052	1.090	1.098	1.096	1.092	1.088	1.084	1.081	1.078	1.076	1.074	1.068	1.050	1.000	0.865	0.574
Three Mile Island 1	E52		BW 15x15	2.85	0			19780	0.570	0.900	1.041	1.095	1.115	1.122	1.122	1.118	1.111	1.102	1.094	1.088	1.082	1.072	1.046	0.981	0.830	0.511
Three Mile Island 1	E39		BW 15x15	2.85	0			20043	0.580	0.912	1.052	1.104	1.118	1.113	1.102	1.093	1.087	1.087	1.093	1.097	1.094	1.083	1.055	0.987	0.829	0.517
Three Mile Island 1	E43		BW 15x15	2.85	0			20346	0.590	0.912	1.041	1.088	1.105	1.107	1.101	1.093	1.085	1.080	1.080	1.081	1.079	1.073	1.054	1.002	0.866	0.564
Three Mile Island 1	G85		BW 15x15	3.63	15	1.51	B4C	20431	0.660	0.927	1.047	1.090	1.101	1.096	1.087	1.080	1.076	1.073	1.071	1.069	1.066	1.061	1.045	0.993	0.863	0.566
Three Mile Island 1	C08		BW 15x15	3.05	0			20445	0.647	1.004	1.123	1.090	0.972	0.935	0.930	0.944	1.033	1.131	1.157	1.162	1.159	1.145	1.111	1.034	0.871	0.551
Three Mile Island 1	D02		BW 15x15	2.64	0			20446	0.662	0.989	1.093	1.095	1.082	1.033	1.018	1.019	1.041	1.074	1.095	1.104	1.104	1.097	1.076	1.017	0.870	0.561
Three Mile Island 1	G86		BW 15x15	3.63	15	1.52	B4C	20465	0.654	0.930	1.056	1.101	1.112	1.108	1.096	1.088	1.082	1.078	1.074	1.071	1.068	1.058	1.038	0.979	0.840	0.571
Three Mile Island 1	G78		BW 15x15	3.63	15	1.51	B4C	20559	0.662	0.932	1.062	1.095	1.106	1.104	1.094	1.088	1.082	1.079	1.077	1.074	1.071	1.064	1.045	0.993	0.833	0.561
Three Mile Island 1	G81		BW 15x15	3.63	15	1.51	B4C	20580	0.657	0.927	1.048	1.090	1.101	1.102	1.096	1.094	1.090	1.087	1.083	1.080	1.076	1.066	1.042	0.977	0.828	0.555
Three Mile Island 1	G82		BW 15x15	3.63	15	1.16	B4C	20586	0.645	0.917	1.034	1.073	1.084	1.086	1.084	1.082	1.080	1.079	1.077	1.076	1.074	1.068	1.052	1.004	0.879	0.604
Three Mile Island 1	G87		BW 15x15	3.63	15	1.52	B4C	20609	0.666	0.938	1.060	1.104	1.114	1.110	1.098	1.088	1.083	1.079	1.075	1.072	1.066	1.060	1.039	0.974	0.822	0.551
Three Mile Island 1	I07		BW 15x15	4.00	15		B4C	20621	0.630	0.930	1.048	1.084	1.092	1.092	1.090	1.088	1.087	1.086	1.086	1.087	1.086	1.081	1.062	0.999	0.840	0.531
Three Mile Island 1	A10		BW 15x15	2.06	0			20640	0.623	0.970	1.100	1.086	1.058	1.043	1.042	1.054	1.075	1.102	1.123	1.133	1.131	1.115	1.073	0.980	0.799	0.494
Three Mile Island 1	C03		BW 15x15	3.05	0			20659	0.628	0.975	1.101	1.112	1.084	1.063	1.055	1.060	1.082	1.108	1.117	1.118	1.112	1.093	1.047	0.955	0.793	0.500
Three Mile Island 1	D10		BW 15x15	2.64	0			20673	0.593	0.928	1.080	1.098	1.086	1.063	1.050	1.048	1.059	1.087	1.108	1.116	1.116	1.108	1.083	1.015	0.851	0.534
Three Mile Island 1	E03		BW 15x15	2.85	0			20685	0.582	0.922	1.055	1.098	1.103	1.094	1.082	1.074	1.073	1.079	1.088	1.093	1.092	1.084	1.062	1.003	0.857	0.550
Three Mile Island 1	B10		BW 15x15	2.75	0			20938	0.718	1.036	1.051	1.028	1.006	1.000	1.019	1.062	1.101	1.125	1.135	1.137	1.131	1.113	1.069	0.972	0.786	0.507

Reactor	Assemb ID	Asse Typ	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height Normalized Axial Burnup Distribution 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
Three Mile Island 1	E07		BW 15x15	2.85	0			20998	0.594	0.920	1.050	1.090	1.099	1.096	1.090	1.087	1.087	1.092	1.096	1.102	1.102	1.096	1.075	1.012	0.839	0.471
Three Mile Island 1	I02		BW 15x15	4.00	15	0.71	B4C	21342	0.640	0.921	1.035	1.070	1.078	1.078	1.077	1.076	1.075	1.076	1.076	1.077	1.078	1.075	1.061	1.016	0.890	0.501
Three Mile Island 1	A06		BW 15x15	2.06	0			21457	0.666	1.034	1.150	1.094	1.053	1.048	1.064	1.095	1.121	1.135	1.140	1.138	1.130	1.106	1.049	0.933	0.669	0.373
Three Mile Island 1	E57		BW 15x15	2.85	0			21555	0.583	0.915	1.055	1.105	1.119	1.117	1.110	1.104	1.099	1.095	1.092	1.088	1.083	1.073	1.047	0.981	0.826	0.508
Three Mile Island 1	G93		BW 15x15	3.63	0			21621	0.603	0.923	1.043	1.080	1.088	1.088	1.085	1.083	1.081	1.081	1.080	1.080	1.080	1.075	1.060	1.012	0.861	0.578
Three Mile Island 1	C10		BW 15x15	3.05	0			21673	0.607	0.907	1.038	1.079	1.089	1.093	1.097	1.103	1.110	1.115	1.118	1.118	1.112	1.093	1.047	0.956	0.794	0.523
Three Mile Island 1	C07		BW 15x15	3.05	0			21686	0.644	0.956	1.072	1.088	1.077	1.068	1.066	1.073	1.086	1.099	1.106	1.108	1.103	1.088	1.051	0.972	0.812	0.533
Three Mile Island 1	K03		BW 15x15	4.75	15		B4C	21729	0.652	0.937	1.055	1.091	1.097	1.094	1.089	1.085	1.081	1.077	1.075	1.072	1.070	1.064	1.048	0.996	0.858	0.559
Three Mile Island 1	E64		BW 15x15	2.85	15	0.92	B4C	21795	0.628	0.918	1.041	1.084	1.097	1.100	1.097	1.095	1.094	1.091	1.085	1.079	1.075	1.070	1.053	0.996	0.850	0.547
Three Mile Island 1	A09		BW 15x15	2.06	0			21994	0.581	0.906	1.032	1.086	1.072	1.074	1.082	1.096	1.108	1.114	1.117	1.118	1.114	1.101	1.068	0.992	0.833	0.527
Three Mile Island 1	C04		BW 15x15	3.05	0			22369	0.646	0.999	1.126	1.108	1.086	1.081	1.079	1.079	1.082	1.086	1.088	1.089	1.085	1.072	1.034	0.951	0.797	0.509
Three Mile Island 1	A07		BW 15x15	2.06	0			22439	0.601	0.923	0.968	0.932	0.926	0.930	0.961	1.096	1.165	1.185	1.191	1.191	1.186	1.171	1.131	1.043	0.862	0.537
Three Mile Island 1	A12		BW 15x15	2.06	0			22464	0.607	0.926	0.963	0.918	0.907	0.907	0.942	1.086	1.160	1.185	1.194	1.196	1.192	1.178	1.141	1.056	0.882	0.560
Three Mile Island 1	E66		BW 15x15	2.85	15	0.71	B4C	22531	0.615	0.918	1.046	1.093	1.105	1.102	1.094	1.089	1.087	1.085	1.084	1.082	1.080	1.074	1.054	0.995	0.850	0.544
Three Mile Island 1	G06		BW 15x15	3.63	0			22601	0.591	0.916	1.045	1.088	1.099	1.100	1.097	1.094	1.092	1.090	1.090	1.089	1.087	1.080	1.058	0.996	0.846	0.539
Three Mile Island 1	I11		BW 15x15	4.00	0			22785	0.610	0.935	1.057	1.094	1.100	1.097	1.093	1.088	1.084	1.080	1.077	1.074	1.070	1.064	1.046	0.996	0.866	0.568
Three Mile Island 1	C01		BW 15x15	3.05	0			22820	0.696	1.059	1.164	1.122	1.065	1.074	1.070	1.072	1.077	1.083	1.086	1.083	1.075	1.057	1.016	0.930	0.766	0.483
Three Mile Island 1	B01		BW 15x15	2.75	0			22821	0.710	1.088	1.218	1.123	1.067	1.082	1.083	1.083	1.084	1.085	1.087	1.088	1.085	1.051	1.015	0.934	0.777	0.501
Three Mile Island 1	E63		BW 15x15	2.85	15	0.92	B4C	23031	0.625	0.909	1.027	1.087	1.091	1.087	1.091	1.093	1.094	1.091	1.085	1.080	1.076	1.070	1.053	1.005	0.879	0.565
Three Mile Island 1	C08		BW 15x15	3.05	0			23288	0.621	0.984	1.091	1.113	1.101	1.087	1.080	1.081	1.088	1.097	1.104	1.105	1.100	1.082	1.039	0.952	0.794	0.501
Three Mile Island 1	B07		BW 15x15	2.75	0			23539	0.646	0.981	1.086	1.102	1.086	1.074	1.070	1.074	1.084	1.096	1.102	1.102	1.097	1.081	1.042	0.961	0.803	0.532
Three Mile Island 1	A11		BW 15x15	2.06	0			23642	0.596	0.912	0.962	0.937	0.940	0.946	0.976	1.100	1.157	1.171	1.173	1.171	1.168	1.158	1.127	1.052	0.886	0.567
Three Mile Island 1	B09		BW 15x15	2.75	0			23681	0.653	0.983	1.062	1.057	1.029	1.015	1.024	1.058	1.095	1.122	1.133	1.134	1.128	1.110	1.071	0.987	0.821	0.540
Three Mile Island 1	E53		BW 15x15	2.85	0			23842	0.586	0.904	1.033	1.079	1.097	1.102	1.102	1.099	1.094	1.089	1.086	1.084	1.082	1.076	1.057	1.005	0.870	0.555
Three Mile Island 1	K01		BW 15x15	4.75	15	0.18	B4C	23858	0.660	0.940	1.054	1.086	1.094	1.091	1.086	1.081	1.077	1.073	1.070	1.066	1.063	1.057	1.040	0.994	0.871	0.594
Three Mile Island 1	F02		BW 15x15	2.95	15	0.92	B4C	23892	0.628	0.919	1.041	1.085	1.098	1.100	1.097	1.094	1.093	1.090	1.084	1.079	1.075	1.069	1.051	0.993	0.851	0.554
Three Mile Island 1	D08		BW 15x15	2.64	0			24017	0.611	0.941	1.071	1.107	1.101	1.083	1.086	1.090	1.094	1.092	1.098	1.106	1.106	1.097	1.070	1.002	0.836	0.496
Three Mile Island 1	A05		BW 15x15	2.06	0			24332	0.611	0.946	1.072	1.093	1.073	1.053	1.050	1.061	1.081	1.106	1.122	1.125	1.120	1.104	1.066	0.983	0.817	0.516
Three Mile Island 1	D07		BW 15x15	2.64	0			24509	0.628	0.960	1.079	1.096	1.087	1.028	1.007	1.004	1.023	1.064	1.101	1.116	1.123	1.117	1.095	1.036	0.866	0.570
Three Mile Island 1	E62		BW 15x15	2.85	0			24585	0.592	0.912	1.039	1.081	1.093	1.094	1.092	1.090	1.089	1.088	1.088	1.088	1.086	1.081	1.062	1.007	0.868	0.561
Three Mile Island 1	E74		BW 15x15	2.85	15	0.71	B4C	24705	0.617	0.913	1.038	1.082	1.094	1.093	1.087	1.082	1.080	1.080	1.080	1.081	1.081	1.077	1.061	1.010	0.875	0.570
Three Mile Island 1	D03		BW 15x15	2.64	0			24773	0.632	0.966	1.094	1.117	1.044	0.985	0.940	0.933	0.954	1.063	1.124	1.143	1.148	1.145	1.128	1.073	0.928	0.504
Three Mile Island 1	D05		BW 15x15	2.64	0			24794	0.604	0.930	1.080	1.096	1.087	1.065	1.061	1.048	1.080	1.087	1.109	1.119	1.121	1.114	1.090	1.022	0.847	0.492
Three Mile Island 1	E55		BW 15x15	2.85	0			24798	0.595	0.919	1.051	1.096	1.113	1.113	1.109	1.103	1.098	1.093	1.088	1.084	1.079	1.069	1.045	0.983	0.836	0.524
Three Mile Island 1	B05		BW 15x15	2.75	0			24847	0.616	0.915	1.040	1.080	1.089	1.089	1.090	1.095	1.101	1.106	1.109	1.109	1.103	1.088	1.052	0.971	0.810	0.537
Three Mile Island 1	B04		BW 15x15	2.75	0			24936	0.630	0.936	1.066	1.103	1.106	1.108	1.112	1.119	1.128	1.132	1.135	1.135	1.129	1.109	1.041	0.871	0.699	0.448
Three Mile Island 1	E06		BW 15x15	2.85	0			24963	0.608	0.930	1.059	1.105	1.114	1.101	1.080	1.063	1.053	1.056	1.072	1.084	1.088	1.083	1.065	1.011	0.869	0.559
Three Mile Island 1	D01		BW 15x15	2.64	0			25158	0.576	0.884	1.013	1.073	1.103	1.115	1.112	1.096	1.084	1.074	1.070	1.071	1.073	1.074	1.065	1.024	0.896	0.583
Three Mile Island 1	E69		BW 15x15	2.85	15	0.18	B4C	25224	0.605	0.917	1.045	1.088	1.099	1.098	1.094	1.091	1.089	1.088	1.088	1.088	1.086	1.080	1.059	1.000	0.852	0.535
Three Mile Island 1	I04		BW 15x15	4.00	15	1.87	B4C	25786	0.609	0.932	1.044	1.080	1.087	1.085	1.077	1.073	1.070	1.070	1.069	1.069	1.066	1.065	1.052	1.004	0.877	0.610
Three Mile Island 1	B02		BW 15x15	2.75	0			25786	0.623	0.923	1.054	1.089	1.095	1.097	1.098	1.096	1.099	1.100	1.102	1.103	1.099	1.084	1.043	0.956	0.800	0.537
Three Mile Island 1	D06		BW 15x15	2.64	0			25806	0.606	0.943	1.077	1.110	1.105	1.091	1.079	1.073	1.075	1.085	1.095	1.099	1.095	1.082	1.051	0.982	0.829	0.526
Three Mile Island 1	B06		BW 15x15	2.75	0			25857	0.616	0.909	1.021	1.046	1.047	1.047	1.060	1.089	1.114	1.129	1.137	1.139	1.135	1.119	1.077	0.981	0.806	0.527
Three Mile Island 1	B11		BW 15x15	2.75	0			25896	0.612	0.904	1.016	1.041	1.042	1.042	1.054	1.083	1.110	1.128	1.135	1.137	1.133	1.119	1.081	0.996	0.828	0.543
Three Mile Island 1	E43		BW 15x15	2.85	0			25959	0.586	0.910	1.033	1.077	1.092	1.094	1.091	1.086	1.082	1.080	1.081	1.083	1.082	1.078	1.061	1.012	0.861	0.580
Three Mile Island 1	H01		BW 15x15	3.90	15	0.96	B4C	25973	0.650	0.933	1.040	1.071	1.078	1.079	1.078	1.077	1.077	1.077	1.078	1.079	1.079	1.076	1.061	1.009	0.867	0.582
Three Mile Island 1	I05		BW 15x15	4.00	15	1.87	B4C	28151	0.679	0.940	1.048	1.082	1.089	1.086	1.078	1.074	1.072	1.071	1.071	1.071	1.071	1.068	1.054	1.000	0.858	0.590
Three Mile Island 1	B08		BW 15x15	2.75	0			28162	0.618	0.914	1.021	1.034	1.020	1.013	1.026	1.061	1.100	1.129	1.143	1.148	1.145	1.131	1.095	1.011	0.840	0.551
Three Mile Island 1	E04		BW 15x15	2.85	0			28201	0.632	0.961	1.067	1.122	1.095	1.024	0.967	0.972	0.974	1.031	1.095	1.122	1.128	1.124	1.105	1.050	0.904	0.587
Three Mile Island 1	E52		BW 15x15	2.85	0			28358	0.583	0.905	1.038	1.088	1.106	1.111	1.111	1.108	1.103	1.097	1.092	1.088	1.084	1.075	1.051	0.990	0.844	0.528
Three Mile Island 1	B03		BW 15x15	2.75	0			28534	0.619	0.924	1.056	1.087	1.103	1.101	1.103	1.112	1.125	1.136	1.143	1.143	1.138	1.115	1.047	0.862	0.701	0.456
Three Mile Island 1	G91		BW 15x15	3.63	15	1.52	B4C	28674	0.663	0.924	1.026	1.057	1.064	1.065	1.065	1.066	1.067	1.069	1.071	1.073	1.074	1.074	1.064	1.026	0.912	0.640
Three Mile Island 1	I10		BW 15x15	4.00	15	1.52	B4C	28730	0.674	0.938	1.043	1.074	1.081	1.079	1.074	1.071	1.071	1.071	1.072	1.073	1.073	1.071	1.060	1.010	0.871	0.596
Three Mile Island 1	G92		BW 15x15	3.63	15	1.52	B4C	28761	0.663	0.926	1.029	1.060	1.067	1.068	1.066	1.068	1.069	1.070	1.071	1.073	1.074	1.072	1.062	1.023	0.906	0.635
Three Mile Island 1	C05		BW 15x15	3.05	0			28762	0.635	0.974	1.096	1.111	1.088	1.064	1.052	1.052	1.065	1.084	1.097	1.102	1.098	1.085	1.052	0.962	0.831	0.532
Three Mile Island 1	E01		BW 15x15	2.85	0			27028	0.614	0.936	1.059	1.096	1.111	1.115	1.109	1.096	1.086	1.076	1.071	1.070	1.067	1.060	1.039	0.967	0.851	0.554
Three Mile Island 1	J01		BW 15x15	4.65	15	1.78	B4C	27152	0.701	0.942	1.047	1.080	1.086	1.085	1.081	1.077	1.073	1.070	1.067	1.064	1.060	1.054	1.038	0.992	0.867	0.616
Three Mile Island 1	I03		BW 15x15	4.00	15	1.87	B4C	27249	0.677	0.934	1.038	1.070	1.077	1.075	1.070	1.066	1.065	1.065	1.066	1.067	1.068	1.066	1.056	1.014	0.894	0.631
Three Mile Island 1	J07		BW 15x15	4.65	15	1.78	B4C	27386	0.704	0.951	1.061	1.093	1.095	1.085	1.076	1.071	1.066	1.062	1.059	1.057	1.056	1.055	1.041	0.994	0.865	0.609
Three Mile Island 1	J03		BW 15x15	4.65	15	1.78	B4C	27456	0.701	0.942	1.046	1.077	1.082	1.080	1.076	1.072	1.069	1.066	1.063	1.061	1.058	1.053	1.038	0.996	0.861	0.641
Three Mile Island 1	E08		BW 15x15	2.85	0			27516	0.619	0.936	1.055	1.091	1.099	1.095	1.085	1.077	1.071	1.069	1.074	1.081	1.082	1.078	1.057	1.003	0.866	0.586
Three Mile Island 1	J06		BW 15x15	4.65	15	1.87	B4C	27536	0.694	0.948	1.062	1.097	1.099	1.089	1.080	1.074	1.069	1.064	1.060	1.057	1.055	1.053	1.037	0.987	0.861	0.612
Three Mile Island 1	D04		BW 15x15	2.64	0			27586	0.603	0.912	1.029	1.069	1.081	1.082	1.078	1.076	1.077	1.082	1.088	1.093	1.095	1.092	1.076	1.023	0.877	0.587
Three Mile Island 1	J02		BW 15x15	4.65	15	1.78	B4C	27620	0.699	0.948	1.057	1.089	1.094	1.089	1.084	1.078	1.073	1.069	1.065	1.062	1.059	1.053	1.036	0.988	0.858	0.600
Three Mile Island 1	C10		BW 15x15	3.05	0			27623	0.686	1.013	1.126	1.096	1.089	1.082	1.080	1.085	1.074	1.084	1.082	1.095	1.091	1.074	1.030	0.950	0.800	0.532
Three Mile Island 1	C09		BW 15x15	3.05	0			27652	0.627	0.942	1.056	1.082	1.076	1.065	1.059	1.062	1.074	1.090	1.103	1.110	1.111	1.104	1.080	1.011	0.830	0.516
Three Mile Island 1	E02		BW 15x15	2.85	0			27666	0.612	0.926	1.042	1.077	1.086	1.088	1.088	1.087	1.084	1.081	1.079	1.077	1.075	1.070	1.055	1.006	0.880	0.584

Reactor	Assemb ID	Asse Typ	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Three Mile Island 1	J04		BW 15x15	4.65	15	1.87	B4C	27804	0.706	0.954	1.060	1.090	1.092	1.082	1.075	1.069	1.065	1.062	1.059	1.057	1.056	1.055	1.041	0.995	0.868	0.612
Three Mile Island 1	D02		BW 15x15	2.64	0			27897	0.628	0.953	1.068	1.091	1.090	1.084	1.053	1.049	1.060	1.079	1.092	1.096	1.097	1.090	1.088	1.010	0.863	0.556
Three Mile Island 1	E57		BW 15x15	2.85	0			27973	0.593	0.914	1.044	1.088	1.101	1.101	1.097	1.093	1.090	1.089	1.087	1.086	1.084	1.077	1.057	1.000	0.857	0.543
Three Mile Island 1	E54		BW 15x15	2.85	0			27994	0.589	0.911	1.042	1.090	1.105	1.107	1.104	1.100	1.096	1.092	1.089	1.087	1.084	1.076	1.054	0.994	0.847	0.532
Three Mile Island 1	E05		BW 15x15	2.85	0			28094	0.618	0.937	1.058	1.094	1.090	1.087	1.046	1.036	1.039	1.056	1.061	1.097	1.102	1.098	1.080	1.029	0.890	0.562
Three Mile Island 1	J05		BW 15x15	4.65	15	1.78	B4C	28129	0.707	0.951	1.058	1.087	1.088	1.079	1.071	1.067	1.063	1.059	1.056	1.054	1.054	1.053	1.040	0.997	0.880	0.638
Three Mile Island 1	E51		BW 15x15	2.85	0			28221	0.595	0.911	1.038	1.084	1.100	1.105	1.105	1.102	1.099	1.094	1.090	1.087	1.084	1.076	1.054	0.995	0.848	0.533
Three Mile Island 1	E84		BW 15x15	2.85	15	0.92	B4C	28281	0.624	0.915	1.035	1.076	1.089	1.092	1.091	1.090	1.089	1.088	1.084	1.081	1.078	1.074	1.057	1.005	0.888	0.565
Three Mile Island 1	C02		BW 15x15	3.05	0			28964	0.640	0.970	1.087	1.110	1.103	1.092	1.084	1.081	1.084	1.090	1.095	1.097	1.093	1.083	1.054	0.978	0.788	0.473
Three Mile Island 1	E86		BW 15x15	2.85	15	0.71	B4C	29008	0.617	0.916	1.039	1.082	1.093	1.093	1.088	1.084	1.083	1.083	1.083	1.082	1.081	1.076	1.059	1.006	0.870	0.565
Three Mile Island 1	E68		BW 15x15	2.85	0			29025	0.601	0.916	1.040	1.083	1.094	1.094	1.090	1.086	1.085	1.085	1.086	1.086	1.085	1.080	1.061	1.006	0.867	0.555
Three Mile Island 1	D10		BW 15x15	2.64	0			29330	0.612	0.934	1.059	1.096	1.094	1.079	1.069	1.064	1.069	1.086	1.100	1.107	1.107	1.099	1.076	1.010	0.838	0.501
Three Mile Island 1	C06		BW 15x15	3.05	0			29341	0.637	0.960	1.073	1.075	1.021	1.005	1.000	1.005	1.049	1.101	1.116	1.121	1.122	1.116	1.094	1.036	0.889	0.562
Three Mile Island 1	C03		BW 15x15	3.05	0			30232	0.643	0.969	1.084	1.097	1.069	1.041	1.029	1.031	1.052	1.084	1.108	1.113	1.112	1.102	1.071	0.999	0.848	0.550
Three Mile Island 1	E40		BW 15x15	2.85	0			30339	0.606	0.922	1.049	1.087	1.114	1.117	1.112	1.105	1.098	1.093	1.090	1.090	1.087	1.079	1.056	0.992	0.818	0.476
Three Mile Island 1	E60		BW 15x15	2.85	15	0.18	B4C	30453	0.616	0.920	1.042	1.082	1.093	1.092	1.087	1.083	1.081	1.081	1.082	1.082	1.081	1.077	1.060	1.007	0.871	0.562
Three Mile Island 1	E03		BW 15x15	2.85	0			30603	0.617	0.930	1.047	1.083	1.090	1.087	1.082	1.077	1.075	1.076	1.079	1.082	1.081	1.076	1.060	1.010	0.875	0.574
Three Mile Island 1	G77		BW 15x15	3.63	15	1.16	B4C	30703	0.636	0.919	1.032	1.069	1.080	1.082	1.081	1.080	1.080	1.080	1.080	1.081	1.080	1.076	1.060	1.010	0.879	0.584
Three Mile Island 1	E46		BW 15x15	2.85	0			30737	0.590	0.914	1.041	1.086	1.098	1.097	1.091	1.087	1.084	1.085	1.088	1.091	1.089	1.081	1.059	1.000	0.857	0.553
Three Mile Island 1	C07		BW 15x15	3.05	0			30750	0.632	0.930	1.043	1.074	1.081	1.082	1.081	1.081	1.082	1.084	1.087	1.088	1.087	1.080	1.057	0.997	0.857	0.575
Three Mile Island 1	E44		BW 15x15	2.85	0			30974	0.627	0.941	1.061	1.104	1.113	1.083	1.049	1.037	1.032	1.033	1.074	1.095	1.098	1.092	1.073	1.019	0.884	0.585
Three Mile Island 1	G05		BW 15x15	3.63	15	0.18	B4C	30981	0.622	0.924	1.042	1.082	1.093	1.094	1.092	1.089	1.087	1.085	1.085	1.084	1.081	1.074	1.054	0.997	0.856	0.559
Three Mile Island 1	G04		BW 15x15	3.63	0			30989	0.616	0.922	1.032	1.066	1.075	1.077	1.077	1.076	1.076	1.076	1.077	1.078	1.078	1.075	1.063	1.022	0.905	0.610
Three Mile Island 1	E85		BW 15x15	2.85	15	0.18	B4C	31078	0.613	0.913	1.032	1.073	1.085	1.086	1.085	1.084	1.084	1.084	1.085	1.086	1.085	1.080	1.062	1.011	0.879	0.574
Three Mile Island 1	E47		BW 15x15	2.85	0			31180	0.629	0.943	1.083	1.104	1.116	1.110	1.077	1.069	1.064	1.081	1.080	1.080	1.059	1.057	1.059	1.011	0.877	0.579
Three Mile Island 1	F01		BW 15x15	2.95	15	0.92	B4C	31227	0.635	0.928	1.045	1.085	1.097	1.099	1.099	1.097	1.096	1.095	1.093	1.091	1.088	1.081	1.081	1.000	0.820	0.494
Three Mile Island 1	E42		BW 15x15	2.85	0			31676	0.613	0.922	1.044	1.090	1.108	1.114	1.114	1.110	1.104	1.097	1.091	1.087	1.083	1.075	1.054	0.993	0.821	0.480
Three Mile Island 1	B09		BW 15x15	2.75	0			31680	0.639	0.945	1.053	1.084	1.046	1.028	1.027	1.047	1.074	1.101	1.119	1.128	1.123	1.111	1.078	1.005	0.850	0.562
Three Mile Island 1	C04		BW 15x15	3.05	0			31697	0.644	0.969	1.086	1.089	1.079	1.071	1.066	1.065	1.068	1.077	1.084	1.089	1.089	1.082	1.055	0.988	0.844	0.553
Three Mile Island 1	E56		BW 15x15	2.85	0			31776	0.610	0.923	1.045	1.087	1.098	1.096	1.093	1.088	1.085	1.084	1.083	1.083	1.081	1.075	1.055	1.000	0.860	0.551
Three Mile Island 1	C01		BW 15x15	3.05	0			31889	0.665	0.991	1.098	1.097	1.091	1.092	1.090	1.084	1.079	1.074	1.072	1.071	1.068	1.058	1.033	0.988	0.826	0.541
Three Mile Island 1	E59		BW 15x15	2.85	0			32004	0.609	0.914	1.027	1.085	1.090	1.085	1.086	1.086	1.084	1.081	1.079	1.078	1.078	1.074	1.060	1.019	0.900	0.585
Three Mile Island 1	E67		BW 15x15	2.85	15	0.71	B4C	32020	0.644	0.948	1.068	1.110	1.120	1.114	1.083	1.066	1.062	1.061	1.060	1.059	1.058	1.055	1.053	1.008	0.868	0.564
Three Mile Island 1	E41		BW 15x15	2.85	0			32262	0.616	0.922	1.039	1.081	1.098	1.100	1.096	1.094	1.089	1.084	1.079	1.075	1.072	1.067	1.050	1.000	0.867	0.572
Three Mile Island 1	D03		BW 15x15	2.64	0			32425	0.627	0.947	1.070	1.102	1.084	1.018	1.003	0.997	1.007	1.072	1.106	1.119	1.120	1.116	1.087	1.043	0.901	0.590
Three Mile Island 1	E61		BW 15x15	2.85	15	0.92	B4C	32697	0.638	0.928	1.043	1.083	1.097	1.102	1.105	1.105	1.104	1.101	1.095	1.090	1.087	1.080	1.061	0.997	0.807	0.475
Three Mile Island 1	D05		BW 15x15	2.64	0			32866	0.620	0.929	1.045	1.077	1.075	1.063	1.056	1.055	1.063	1.080	1.095	1.101	1.103	1.099	1.082	1.028	0.879	0.550
Three Mile Island 1	D08		BW 15x15	2.64	0			32785	0.626	0.940	1.056	1.089	1.086	1.078	1.069	1.063	1.065	1.075	1.085	1.091	1.092	1.086	1.067	1.012	0.868	0.550
Three Mile Island 1	D07		BW 15x15	2.64	0			32869	0.634	0.953	1.069	1.093	1.077	1.047	1.028	1.020	1.029	1.057	1.088	1.105	1.109	1.104	1.084	1.030	0.890	0.585
Three Mile Island 1	E52		BW 15x15	2.85	0			32876	0.599	0.909	1.031	1.074	1.089	1.094	1.095	1.094	1.091	1.088	1.086	1.085	1.083	1.077	1.059	1.007	0.874	0.565
Three Mile Island 1	E62		BW 15x15	2.85	15	0.71	B4C	33010	0.623	0.915	1.032	1.072	1.084	1.087	1.086	1.086	1.086	1.086	1.086	1.085	1.084	1.078	1.060	1.007	0.872	0.571
Three Mile Island 1	E45		BW 15x15	2.85	0			33098	0.613	0.914	1.028	1.068	1.082	1.089	1.092	1.093	1.092	1.089	1.085	1.080	1.077	1.070	1.053	1.008	0.880	0.589
Three Mile Island 1	E48		BW 15x15	2.85	0			33098	0.605	0.911	1.034	1.082	1.102	1.111	1.114	1.111	1.106	1.098	1.089	1.083	1.077	1.068	1.047	0.990	0.842	0.530
Three Mile Island 1	E49		BW 15x15	2.85	0			33182	0.617	0.921	1.035	1.075	1.091	1.097	1.098	1.097	1.094	1.089	1.086	1.083	1.081	1.075	1.057	1.008	0.859	0.539
Three Mile Island 1	G07		BW 15x15	3.63	15	0.18	B4C	33420	0.637	0.942	1.062	1.102	1.112	1.111	1.107	1.102	1.099	1.096	1.094	1.092	1.089	1.081	1.057	0.985	0.777	0.451
Three Mile Island 1	E58		BW 15x15	2.85	0			33660	0.602	0.907	1.028	1.072	1.088	1.093	1.093	1.092	1.089	1.086	1.084	1.084	1.082	1.076	1.058	1.009	0.880	0.577
Three Mile Island 1	E30		BW 15x15	2.85	0			33801	0.609	0.915	1.036	1.080	1.093	1.094	1.090	1.087	1.085	1.084	1.086	1.087	1.084	1.076	1.055	1.001	0.867	0.573
Three Mile Island 1	F03		BW 15x15	2.95	15	0.92	B4C	33906	0.631	0.920	1.036	1.076	1.088	1.090	1.087	1.085	1.084	1.082	1.079	1.076	1.074	1.070	1.054	1.005	0.877	0.565
Three Mile Island 1	G02		BW 15x15	3.63	15	0.18	B4C	34046	0.633	0.932	1.048	1.086	1.096	1.094	1.089	1.085	1.081	1.079	1.078	1.077	1.074	1.068	1.049	0.995	0.863	0.573
Three Mile Island 1	E75		BW 15x15	2.85	15	0.18	B4C	34598	0.630	0.926	1.042	1.082	1.093	1.092	1.086	1.081	1.079	1.079	1.079	1.079	1.078	1.074	1.058	1.006	0.870	0.565
Three Mile Island 1	E73		BW 15x15	2.85	15	0.44	B4C	34854	0.631	0.923	1.036	1.073	1.084	1.084	1.081	1.078	1.077	1.076	1.078	1.079	1.079	1.076	1.062	1.014	0.884	0.582
Three Mile Island 1	E64		BW 15x15	2.85	15	0.92	B4C	35172	0.628	0.916	1.029	1.067	1.079	1.082	1.082	1.082	1.082	1.082	1.081	1.079	1.079	1.076	1.063	1.017	0.889	0.588
Three Mile Island 1	G02		BW 15x15	3.63	15	1.52	B4C	35174	0.651	0.925	1.029	1.061	1.069	1.070	1.070	1.070	1.070	1.071	1.072	1.074	1.075	1.074	1.063	1.023	0.906	0.628
Three Mile Island 1	E72		BW 15x15	2.85	15	0.71	B4C	35231	0.644	0.938	1.055	1.095	1.107	1.104	1.073	1.065	1.063	1.062	1.062	1.063	1.062	1.059	1.059	1.014	0.886	0.590
Three Mile Island 1	E76		BW 15x15	2.85	15	0.44	B4C	35324	0.639	0.931	1.045	1.084	1.095	1.094	1.086	1.080	1.077	1.076	1.076	1.076	1.076	1.071	1.058	1.003	0.867	0.567
Three Mile Island 1	E71		BW 15x15	2.85	15	0.69	B4C	35604	0.633	0.919	1.033	1.072	1.084	1.085	1.083	1.081	1.080	1.080	1.080	1.081	1.081	1.076	1.060	1.009	0.878	0.583
Three Mile Island 1	F71		BW 15x15	2.95	15	0.69	B4C	35705	0.637	0.925	1.040	1.080	1.092	1.094	1.093	1.091	1.091	1.091	1.091	1.092	1.091	1.086	1.067	1.006	0.826	0.506
Three Mile Island 1	I06		BW 15x15	4.00	0			36864	0.629	0.933	1.041	1.074	1.081	1.081	1.078	1.076	1.075	1.074	1.074	1.073	1.073	1.069	1.058	1.014	0.885	0.604
Three Mile Island 1	I03		BW 15x15	4.00	15	1.87	B4C	37052	0.663	0.933	1.037	1.069	1.076	1.075	1.071	1.069	1.068	1.068	1.069	1.070	1.071	1.069	1.058	1.017	0.886	0.621
Three Mile Island 1	G01		BW 15x15	3.63	15	1.16	B4C	37057	0.648	0.928	1.036	1.070	1.079	1.080	1.076	1.076	1.075	1.075	1.075	1.075	1.075	1.071	1.058	1.010	0.886	0.606
Three Mile Island 1	G03		BW 15x15	3.63	15	1.16	B4C	37365	0.647	0.933	1.047	1.086	1.095	1.094	1.087	1.081	1.078	1.076	1.074	1.073	1.070	1.064	1.047	0.995	0.865	0.588
Three Mile Island 1	G88		BW 15x15	3.63	0			37395	0.631	0.929	1.034	1.066	1.074	1.075	1.075	1.075	1.076	1.077	1.078	1.079	1.080	1.078	1.065	1.019	0.891	0.599
Three Mile Island 1	G81		BW 15x15	3.63	15	1.51	B4C	37579	0.650	0.927	1.035	1.069	1.079	1.080	1.079	1.078	1.077	1.077	1.077	1.077	1.077	1.072	1.057	1.008	0.880	0.601
Three Mile Island 1	G80		BW 15x15	3.63	15	0.44	B4C	37979	0.651	0.947	1.058	1.093	1.102	1.101	1.098	1.096	1.094	1.093	1.093	1.092	1.091	1.085	1.065	0.998	0.779	0.467
Three Mile Island 1	E5A		BW 15x15	2.85	0			38433	0.621	0.916	1.025	1.062	1.075	1.079	1.080	1.080	1.079	1.078	1.077	1.078	1.079	1.076	1.064	1.022	0.904	0.606
Three Mile Island 1	G84		BW 15x15	3.63	15	0.44	B4C	38708	0.638	0.930	1.040	1.076	1.085	1.085	1.082	1.080	1.078	1.077	1.077	1.077	1.076	1.071	1.055	1.005	0.878	0.591
Three Mile Island 1	G79		BW 15x15	3.63	0			39354	0.630	0.926	1.032	1.065	1.073	1.074	1.074	1.073	1.073	1.074	1.075	1.076	1.076	1.074	1.061	1.020	0.904	0.618

Reactor	Assemb ID	Asse Typ	Fuel Type	Initial U235 Enrichment	Number of BPR's	BPR Conc	BP Type	Assembly Burnup (MWd/Mt)	Fraction of Core Height 0.028	0.083	0.139	0.194	0.25	0.306	0.361	0.417	0.472	0.528	0.583	0.639	0.694	0.75	0.806	0.861	0.917	0.972
									Normalized Axial Burnup Distribution																	
Three Mile Island 1	I06		BW 15x15	4.00	0			40350	0.841	0.940	1.040	1.069	1.075	1.075	1.073	1.072	1.071	1.071	1.071	1.071	1.072	1.070	1.058	1.019	0.903	0.609
Three Mile Island 1	G89		BW 15x15	3.63	15	0.44	B4C	40543	0.846	0.931	1.034	1.066	1.075	1.076	1.075	1.075	1.074	1.075	1.076	1.077	1.077	1.074	1.060	1.015	0.890	0.606
Three Mile Island 1	I09		BW 15x15	4.00	15		B4C	41947	0.852	0.947	1.053	1.065	1.091	1.089	1.086	1.084	1.082	1.081	1.080	1.079	1.079	1.075	1.060	1.010	0.884	0.502
Three Mile Island 1	G86		BW 15x15	3.63	15	1.52	B4C	42423	0.854	0.933	1.041	1.076	1.084	1.084	1.079	1.075	1.074	1.073	1.073	1.072	1.071	1.068	1.053	1.005	0.881	0.605
Three Mile Island 1	G83		BW 15x15	3.63	15	1.52	B4C	42477	0.866	0.944	1.048	1.081	1.089	1.090	1.086	1.085	1.084	1.084	1.085	1.086	1.086	1.083	1.069	1.010	0.811	0.512
Three Mile Island 1	G87		BW 15x15	3.63	15	1.52	B4C	42823	0.874	0.954	1.059	1.094	1.102	1.098	1.088	1.058	1.056	1.056	1.056	1.056	1.055	1.054	1.054	1.012	0.886	0.610
Three Mile Island 1	G93		BW 15x15	3.63	0			43066	0.858	0.959	1.064	1.095	1.097	1.085	1.058	1.055	1.054	1.053	1.053	1.053	1.055	1.072	1.084	1.022	0.905	0.620
Three Mile Island 1	G85		BW 15x15	3.63	15	1.51	B4C	43269	0.859	0.932	1.034	1.066	1.075	1.075	1.071	1.069	1.068	1.068	1.070	1.071	1.071	1.069	1.058	1.016	0.899	0.627
Three Mile Island 1	I07		BW 15x15	4.00	15		B4C	43609	0.862	0.951	1.051	1.081	1.087	1.085	1.083	1.081	1.079	1.078	1.078	1.077	1.077	1.074	1.060	1.013	0.872	0.512
Three Mile Island 1	G82		BW 15x15	3.63	15	1.16	B4C	43633	0.857	0.932	1.034	1.066	1.075	1.075	1.072	1.071	1.070	1.070	1.071	1.072	1.072	1.070	1.057	1.015	0.896	0.625
Three Mile Island 1	G78		BW 15x15	3.63	15	1.51	B4C	44052	0.859	0.932	1.034	1.067	1.076	1.076	1.073	1.071	1.071	1.071	1.071	1.072	1.072	1.070	1.057	1.014	0.893	0.620
Three Mile Island 1	I02		BW 15x15	4.00	15	0.71	B4C	44542	0.858	0.941	1.043	1.074	1.080	1.078	1.075	1.072	1.070	1.069	1.068	1.068	1.068	1.065	1.052	1.010	0.894	0.615
Three Mile Island 1	I05		BW 15x15	4.00	15	1.87	B4C	46242	0.869	0.943	1.046	1.077	1.083	1.080	1.075	1.071	1.070	1.069	1.068	1.068	1.068	1.065	1.053	1.007	0.881	0.607
Three Mile Island 1	H01		BW 15x15	3.90	15	0.98	B4C	47466	0.865	0.940	1.035	1.063	1.070	1.071	1.070	1.070	1.069	1.070	1.070	1.071	1.071	1.069	1.057	1.016	0.900	0.623
Three Mile Island 1	I04		BW 15x15	4.00	15	1.87	B4C	47577	0.873	0.943	1.041	1.070	1.076	1.074	1.069	1.067	1.065	1.065	1.065	1.065	1.065	1.063	1.053	1.013	0.901	0.633
Three Mile Island 1	G91		BW 15x15	3.63	15	1.52	B4C	47604	0.866	0.935	1.030	1.060	1.067	1.068	1.067	1.067	1.067	1.067	1.068	1.069	1.069	1.068	1.057	1.021	0.912	0.643
Three Mile Island 1	G87		BW 15x15	3.63	15	1.52	B4C	48575	0.868	0.947	1.051	1.065	1.093	1.090	1.088	1.061	1.059	1.059	1.059	1.060	1.060	1.058	1.056	1.015	0.893	0.618
Three Mile Island 1	G83		BW 15x15	3.63	15	1.52	B4C	48815	0.866	0.942	1.041	1.073	1.081	1.082	1.080	1.079	1.079	1.079	1.080	1.082	1.082	1.080	1.068	1.016	0.842	0.549
Three Mile Island 1	G86		BW 15x15	3.63	15	1.52	B4C	48967	0.855	0.932	1.036	1.069	1.078	1.078	1.075	1.072	1.071	1.071	1.071	1.072	1.071	1.068	1.055	1.011	0.893	0.620
Three Mile Island 1	I10		BW 15x15	4.00	15	1.52	B4C	49055	0.874	0.944	1.039	1.068	1.074	1.072	1.069	1.067	1.066	1.066	1.066	1.066	1.067	1.065	1.055	1.014	0.896	0.630
Three Mile Island 1	I01		BW 15x15	4.00	15	1.52	B4C	49097	0.876	0.946	1.043	1.072	1.076	1.073	1.069	1.066	1.065	1.065	1.065	1.065	1.066	1.066	1.055	1.014	0.894	0.623
Three Mile Island 1	G77		BW 15x15	3.63	15	1.16	B4C	50061	0.859	0.936	1.037	1.069	1.078	1.080	1.079	1.078	1.078	1.077	1.077	1.078	1.077	1.074	1.060	1.016	0.889	0.559