

APPENDIX B

**APPROVED CONTENTS
FOR THE MAGNASTOR SYSTEM**

AMENDMENT 5

**Appendix B
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1.0 FUEL SPECIFICATIONS AND LOADING CONDITIONS

The MAGNASTOR SYSTEM is designed to safely store up to 37 undamaged PWR fuel assemblies in the 37 PWR Basket Assembly or up to 87 undamaged BWR fuel assemblies in the 87 BWR Basket Assembly. The system is also designed to store up to 4 damaged fuel cans (DFCs) in the DF Basket Assembly. The DF Basket Assembly has a capacity of up to 37 undamaged PWR fuel assemblies including 4 DFC locations. DFCs may be placed in up to 4 of the DFC locations. Each DFC may contain an undamaged PWR fuel assembly, a damaged PWR fuel assembly, or PWR FUEL DEBRIS equivalent to one PWR fuel assembly. FUEL DEBRIS is included in the definition of DAMAGED FUEL (Appendix A, Section 1.1). PWR UNDAMAGED FUEL assemblies may be placed directly in the DFC locations of a DF Basket Assembly without the use of a DFC.

The system requires few operating controls. The principal controls and limits for MAGNASTOR are satisfied by the selection of fuel for storage that meets the Approved Contents presented in this section and in the tables for MAGNASTOR design basis spent fuels.

If any Fuel Specification or Loading Condition of this section is violated, the following actions shall be completed:

- The affected fuel assemblies shall be placed in a safe condition.
- Within 24 hours, notify the NRC Operations Center.
- Within 60 days, submit a special report that describes the cause of the violation and actions taken to restore or demonstrate compliance and prevent reoccurrence.

2.0 FUEL TO BE STORED IN THE MAGNASTOR SYSTEM

UNDAMAGED PWR FUEL ASSEMBLIES, DAMAGED PWR FUEL ASSEMBLIES, PWR FUEL DEBRIS (DAMAGED FUEL), UNDAMAGED BWR FUEL ASSEMBLIES and NONFUEL HARDWARE meeting the limits specified in Tables B2-1 through B2-41 may be stored in the MAGNASTOR SYSTEM.

Table B2-1 TSC with PWR Fuel Limits

| | |
|---|---|
| I. TSC with PWR Fuel Basket | |
| A. Allowable Contents | |
| 1. Uranium PWR UNDAMAGED FUEL ASSEMBLIES listed in Tables B2-2 and B2-3 and meeting the following specifications: | |
| a. Cladding Type: | Zirconium-based alloy. |
| b. Enrichment, Post-irradiation Cooling Time and Average Assembly Burnup: | Generic maximum enrichment limits are shown in Table B2-2. The physical characteristics of the different PWR SNF ASSEMBLIES are defined in Table B2-3. The fuel type specific maximum enrichments as a function of neutron absorber sheet areal density at various minimum soluble boron levels are defined in Table B2-4. For variable enrichment SNF assemblies, maximum enrichments represent peak rod enrichments. Combined minimum enrichment, maximum SNF assembly average burnup and minimum cool time limits are shown generically in Tables B2-15 through B2-22 and specifically for WE 14x14 in Tables B2-25 through B2-33 and CE 16x16 in Tables B2-34 through B2-41. For SNF assembly average burnup levels below those shown in Tables B2-15 through B2-22, an SNF assembly minimum cool time is specified generically in Table B2-13, provided that the minimum initial SNF assembly average enrichment limits are applied. |
| c. Decay Heat Per SNF Assembly | |
| 1) Preferential Loading: | ≤ 1,200 watts ^a |
| 2) Uniform Loading: | ≤ 959 watts |
| d. Nominal Fresh Fuel Assembly Length (in.): | ≤ 178.3 |
| e. Nominal Fresh Fuel Assembly Width (in.): | ≤ 8.54 |
| f. Weight Per Storage Location (lbs.): | ≤ 1,765, including SNF Assembly, NONFUEL HARDWARE and fuel spacers |
| g. Total Canister Contents Weight (lbs.): | ≤ 62,160, including SNF Assemblies, NONFUEL HARDWARE and fuel spacers |
| B. Quantity per TSC: Up to 37 PWR UNDAMAGED SNF ASSEMBLIES as shown in Figure B2-1. | |

(continued)

^a 1,800 Watts for the four-zone preferential loading with WE 14x14 and CE 16x16 fuel

Table B2-1 TSC with PWR Fuel Limits (continued)

- C. PWR UNDAMAGED SNF ASSEMBLIES may contain NONFUEL HARDWARE. SNF assembly lattices possessing less than the nominal number of undamaged fuel rods specified in Table B2-3 must contain solid filler rods that displace a volume equal to, or greater than, that of the fuel rod that the filler rod replaces. SNF assemblies may have stainless steel rods inserted to displace guide tube “dashpot” water. NONFUEL HARDWARE cool times shall be in accordance with Tables B2-5, B2-6, and B2-7. Alternatively, the ⁶⁰Co curie limits in Tables B2-6 and B2-7 may be used to establish site-specific NONFUEL HARDWARE constraints.
- D. Spacers may be used in a TSC to axially position SNF assemblies to facilitate handling and operations.
- E. Unenriched fuel assemblies and unirradiated (i.e., not inserted in-core) fuel assemblies are not authorized for loading. Low enriched, unenriched, and/or annular fuel pellet axial end blankets are permitted, provided that the nominal length of the blanket is not greater than six (6) inches.
- F. SNF may be loaded uniformly at a maximum heat load of 959 watts/assembly (Figure B2-1). Alternatively, a preferential loading pattern may be applied as described in Table B2-8 and Figure B2-2.
- G. RCCs are restricted to fuel storage locations No. 11, 12, 13, 18, 19, 20, 25, 26 and 27 (Figure B2-1). Minimum RCC cool times are:

| Minimum Cool Time (years) | Maximum Exposure (GWd/MTU) |
|------------------------------|-------------------------------|
| 10 ^a | 180 |
| 14 | 270 |
| 20 | 360 |

- H. One Neutron Source, or Neutron Source Assembly (NSA) is permitted to be loaded in a TSC in fuel storage locations No. 11, 12, 13, 18, 19, 20, 25, 26, or 27 (Figure B2-1). Neutron source assemblies may contain source rods attached to hardware similar in configuration to guide tube plug devices (thimble plugs) and burnable absorbers, in addition to containing burnable poison rodlets and/or thimble plug rodlets. For NSAs containing absorber rodlets, the BPAA cool time and burnup/exposure or hardware ⁶⁰Co curie limit listed in Table B2-6 are applied to the neutron sources. NSAs having only thimble plug rodlets require the thimble plug restriction in Table B2-7 to be applied. Combination NSAs, containing both thimble plug and burnable absorber rodlets must apply the more limiting of the two minimum cool time/curie limit.
- I. Fuel assemblies may contain any number of unirradiated (i.e., not inserted in-core) nonfuel solid filler fuel replacement rods. Activated stainless steel rods are limited to 5 per assembly at a maximum burnup/exposure of 32.5 GWd/MTU.
- J. Fuel assemblies may contain an HFRA at a maximum burnup/exposure of 4.0 GWd/MTU and a minimum cool time of 16 years.

(continued)

^a 2.5 years for the WE 14x14 RCC in uniform and four-zone preferential loading and 5.0 years for the CE 16x16 RCC in uniform and four-zone preferential loading

Table B2-1 TSC with PWR Fuel Limits (continued)

| | |
|---|---|
| II. TSC with DF Basket Assembly | |
| A. Allowable Contents | |
| 1. Uranium PWR UNDAMAGED SNF ASSEMBLIES and DAMAGED FUEL (PWR DAMAGED SNF ASSEMBLIES or PWR FUEL DEBRIS) listed in Tables B2-2 and B2-3 and meeting the following specifications: | |
| a. Cladding Type: | Zirconium-based alloy. |
| b. Enrichment, Post-irradiation Cooling Time and Average Assembly Burnup: | Generic maximum enrichment limits are shown in Table B2-2. The physical characteristics of the different PWR SNF ASSEMBLIES are defined in Table B2-3. The fuel type specific maximum enrichments as a function of neutron absorber sheet areal density at various minimum soluble boron levels are defined in Table B2-4. For variable enrichment SNF assemblies, maximum SNF enrichments represent peak rod enrichments. Combined minimum enrichment, maximum SNF assembly average burnup and minimum cool time limits are shown generically in Tables B2-15 through B2-22 and specifically for WE 14x14 in Tables B2-25 through B2-33 and CE 16x16 in Tables B2-34 through B2-41. For SNF assembly average burnup levels below those shown in Tables B2-15 through B2-22, an SNF assembly minimum cool time is specified generically in Table B2-13, provided that the minimum initial SNF assembly average enrichment limits are applied. |
| c. Decay Heat Per SNF Assembly | |
| 1). Preferential Loading: | $\leq 1,200$ watts ^a |
| 2). Uniform Loading: | ≤ 959 watts |
| d. Nominal Fresh SNF Assy: | ≤ 178.3 |
| e. Nominal Fresh SNF Assembly Width (in.): | ≤ 8.54 |
| f. Weight Per Storage location (lbs.) | $\leq 1,765$, including SNF Assembly, NONFUEL HARDWARE, DFC and fuel spacer |
| g. Total Canister Contents Weight (lbs.) | $\leq 61,184$, including SNF Assemblies, NONFUEL HARDWARE, DFCs and fuel spacers |

(continued)

^a 1,800 Watts for the four-zone preferential loading with WE 14x14 and CE 16x16 fuel

Table B2-1 TSC with PWR Fuel Limits (continued)

- B. Quantity per TSC: Up to a total of 37 PWR UNDAMAGED SNF ASSEMBLIES including up to four (4) DFCs containing PWR UNDAMAGED SNF ASSEMBLIES, PWR DAMAGED SNF ASSEMBLIES, and/or PWR FUEL DEBRIS loaded in the DFC locations No. 4, 8, 30 and 34, as shown on Figure B2-3, for the DF Basket Assembly.
- C. The contents of a DFC must be less than, or equivalent to, one PWR UNDAMAGED SNF ASSEMBLY. PWR SNF ASSEMBLIES loaded in a DFC shall not contain NONFUEL HARDWARE with the exception of instrument tube tie components, guide tube anchors or similar devices, and steel inserts.
- D. PWR UNDAMAGED SNF ASSEMBLIES not loaded in a DFC may contain NONFUEL HARDWARE consistent with Table B2-5. SNF assembly lattices not containing the nominal number of fuel rods specified in Table B2-3 must contain solid filler rods that displace a volume equal to, or greater than, that of the fuel rod that the filler rod replaces. SNF assemblies may have stainless steel rods inserted to displace guide tube “dashpot” water. NONFUEL HARDWARE cool times shall be in accordance with Tables B2-5, B2-6, and B2-7. Alternatively, the ⁶⁰Co curie limits in Tables B2-6 and B2-7 may be used to establish site-specific NONFUEL HARDWARE constraints. Alternatively, the ⁶⁰Co curie limits in Tables B2-6 and B2-7 may be used to establish site-specific NONFUEL HARDWARE constraints.
- E. Spacers may be used in a TSC to axially position PWR UNDAMAGED SNF ASSEMBLIES, and DFCs to facilitate handling and operation.
- F. Unenriched fuel assemblies and unirradiated (i.e., not inserted in-core) fuel assemblies are not authorized for loading. Low enriched, unenriched, and/or annular fuel pellet axial end blankets are permitted, provided that the nominal length of the end blanket is not greater than six (6) inches.
- G. RCCs are restricted to fuel storage locations No. 11, 12, 13, 18, 19, 20, 25, 26 and 27 (Figure B2-1). Minimum RCC cool times are:

| Minimum Cool Time (years) | Maximum Exposure (GWd/MTU) |
|------------------------------|-------------------------------|
| 10 ^a | 180 |
| 14 | 270 |
| 20 | 360 |

(continued)

^a 2.5 years for the WE 14x14 RCC in uniform and four-zone preferential loading and 5.0 years for the CE 16x16 RCC in uniform and four-zone preferential loading

Table B2-1 TSC with PWR Fuel Limits (continued)

- H. One Neutron Source, or Neutron Source Assembly (NSA) is permitted to be loaded in a TSC in fuel storage locations No. 11, 12, 13, 18, 19, 20, 25, 26 or 27 (Figure B2-1). Neutron source assemblies may contain source rods attached to hardware similar in configuration to guide tube plug devices (thimble plugs) and burnable absorbers, in addition to containing burnable poison rodlets and/or thimble plug rodlets. For NSAs containing absorber rodlets, the BPAA cool time and burnup/exposure or hardware ^{60}Co curie limit listed in Table B2-6 are applied to the neutron sources. NSAs having only thimble plug rodlets require the thimble plug restriction in Table B2-7 to be applied. Combination NSAs, containing both thimble plug and burnable absorber rodlets must apply the more limiting of the two minimum cool time/curie limit.
- I. Fuel assemblies may contain any number of unirradiated (i.e., not inserted in-core) nonfuel solid filler fuel replacement rods. Activated stainless steel rods are limited to 5 per assembly at a maximum burnup/exposure of 32.5 GWd/MTU.
- J. Fuel assemblies may contain an HFRA at a maximum burnup/exposure of 4.0 GWd/MTU and a minimum cool time of 16 years.

Table B2-2 PWR Fuel Assembly Characteristics

| Characteristic | 14x14 | 14x14 | 15x15 | 15x15 | 16x16 | 17x17 |
|--|------------|----------------|------------|------------|------------|------------|
| Max Initial Enrichment (wt % ²³⁵ U) | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Min Initial Enrichment (wt % ²³⁵ U) | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| Number of Fuel Rods | 176 | 179 | 204 | 208 | 236 | 264 |
| Max Assembly Average Burnup (MWd/MTU) | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 |
| Peak Average Rod Burnup (MWd/MTU) | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 | 62,500 |
| Min Cool Time (years) | 4 | 4 ² | 4 | 4 | 4 | 4 |
| Max Weight (lb) per Storage Location | See Note 1 | See Note 1 | See Note 1 | See Note 1 | See Note 1 | See Note 1 |
| Max Decay Heat (Watts) per Preferential Storage Location | 1,200 | 1,800 | 1,200 | 1,200 | 1,800 | 1,200 |

- All reported enrichment values are nominal preirradiation fabrication values.
- Maximum initial enrichment is based on a minimum soluble boron concentration in the spent fuel pool water. Required soluble boron content is fuel type and enrichment specific. Minimum soluble boron content varies between 1,500 and 2,500 ppm. Maximum initial enrichment represents the peak fuel rod enrichment for variably-enriched fuel assemblies.

Notes:

1. Maximum weight per storage location is as detailed in Table B2-1
2. Minimum cool time of 2.5 years for WE 14x14 PWR fuel for uniform and four-zone preferential loading

Table B2-3 Bounding PWR Fuel Assembly Loading Criteria

| Assembly Type | No. of Fuel Rods | No. of Guide Tubes ¹ | Geometry ² | | | | | Max Load (MTU) |
|---------------|------------------|---------------------------------|-----------------------|--------------------|------------------------|----------------------|--------------------------|----------------|
| | | | Max Pitch (inch) | Min Clad OD (inch) | Min Clad Thick. (inch) | Max Pellet OD (inch) | Max Active Length (inch) | |
| BW15H1 | 208 | 17 | 0.568 | 0.43 | 0.0265 | 0.3686 | 144.0 | 0.4858 |
| BW15H2 | 208 | 17 | 0.568 | 0.43 | 0.025 | 0.3735 | 144.0 | 0.4988 |
| BW15H3 | 208 | 17 | 0.568 | 0.428 | 0.023 | 0.3742 | 144.0 | 0.5006 |
| BW15H4 | 208 | 17 | 0.568 | 0.414 | 0.022 | 0.3622 | 144.0 | 0.4690 |
| BW17H1 | 264 | 25 | 0.502 | 0.377 | 0.022 | 0.3252 | 144.0 | 0.4799 |
| CE14H1 | 176 | 5 | 0.58 | 0.44 | 0.026 | 0.3805 | 137.0 | 0.4167 |
| CE16H1 | 236 | 5 | 0.5063 | 0.382 | 0.025 | 0.325 | 150.0 | 0.4463 |
| WE14H1 | 179 | 17 | 0.556 | 0.40 | 0.0162 | 0.3674 | 145.2 | 0.4188 |
| WE15H1 | 204 | 21 | 0.563 | 0.422 | 0.0242 | 0.3669 | 144.0 | 0.4720 |
| WE15H2 | 204 | 21 | 0.563 | 0.417 | 0.0265 | 0.357 | 144.0 | 0.4469 |
| WE17H1 | 264 | 25 | 0.496 | 0.372 | 0.0205 | 0.3232 | 144.0 | 0.4740 |
| WE17H2 | 264 | 25 | 0.496 | 0.36 | 0.0225 | 0.3088 | 144.0 | 0.4327 |

¹ Combined number of guide and instrument tubes.

² Assembly characteristics represent cold, unirradiated, nominal configurations.

Note: Amendment No. 2 removed the enrichment/soluble boron limits from this table, along with the note pertaining to them. This information is now presented in Table B2-4.

**Table B2-4 Bounding PWR Fuel Assembly Loading Criteria –
Enrichment/Soluble Boron Limits**

TSC with Undamaged PWR Fuel Basket Assembly Max. Initial Enrichment (wt % ²³⁵U)

| Soluble Boron | Absorber ^a 0.036 ¹⁰ B g/cm ² | | | | | Absorber ^a 0.030 ¹⁰ B g/cm ² | | | | | Absorber ^a 0.027 ¹⁰ B g/cm ² | | | | |
|---------------|---|------------|------------|------------|------------|---|------------|------------|------------|------------|---|------------|------------|------------|------------|
| | 1500 (ppm) | 1750 (ppm) | 2000 (ppm) | 2250 (ppm) | 2500 (ppm) | 1500 (ppm) | 1750 (ppm) | 2000 (ppm) | 2250 (ppm) | 2500 (ppm) | 1500 (ppm) | 1750 (ppm) | 2000 (ppm) | 2250 (ppm) | 2500 (ppm) |
| BW15H1 | 3.7% | 4.1% | 4.4% | 4.7% | 5.0% | 3.6% | 4.0% | 4.2% | 4.5% | 4.8% | 3.6% | 3.9% | 4.2% | 4.5% | 4.8% |
| BW15H2 | 3.7% | 4.0% | 4.3% | 4.6% | 4.9% | 3.6% | 3.9% | 4.2% | 4.5% | 4.8% | 3.6% | 3.8% | 4.1% | 4.4% | 4.7% |
| BW15H3 | 3.7% | 4.0% | 4.3% | 4.6% | 4.9% | 3.6% | 3.9% | 4.2% | 4.4% | 4.7% | 3.5% | 3.8% | 4.1% | 4.4% | 4.7% |
| BW15H4 | 3.8% | 4.2% | 4.5% | 4.8% | 5.0% | 3.7% | 4.1% | 4.4% | 4.7% | 5.0% | 3.7% | 4.0% | 4.3% | 4.6% | 5.0% |
| BW17H1 | 3.7% | 4.0% | 4.3% | 4.6% | 4.9% | 3.6% | 3.9% | 4.2% | 4.5% | 4.8% | 3.6% | 3.9% | 4.1% | 4.5% | 4.7% |
| CE14H1 | 4.5% | 4.8% | 5.0% | 5.0% | 5.0% | 4.3% | 4.7% | 5.0% | 5.0% | 5.0% | 4.3% | 4.6% | 5.0% | 5.0% | 5.0% |
| CE16H1 | 4.4% | 4.8% | 5.0% | 5.0% | 5.0% | 4.3% | 4.6% | 5.0% | 5.0% | 5.0% | 4.2% | 4.6% | 4.9% | 5.0% | 5.0% |
| WE14H1 | 4.7% | 5.0% | 5.0% | 5.0% | 5.0% | 4.6% | 5.0% | 5.0% | 5.0% | 5.0% | 4.5% | 5.0% | 5.0% | 5.0% | 5.0% |
| WE15H1 | 3.8% | 4.2% | 4.5% | 4.8% | 5.0% | 3.7% | 4.1% | 4.4% | 4.7% | 5.0% | 3.7% | 4.0% | 4.3% | 4.6% | 4.9% |
| WE15H2 | 4.0% | 4.4% | 4.7% | 5.0% | 5.0% | 3.9% | 4.2% | 4.6% | 4.9% | 5.0% | 3.8% | 4.2% | 4.5% | 4.8% | 5.0% |
| WE17H1 | 3.7% | 4.1% | 4.4% | 4.7% | 5.0% | 3.7% | 4.0% | 4.3% | 4.6% | 4.9% | 3.6% | 3.9% | 4.2% | 4.5% | 4.9% |
| WE17H2 | 4.0% | 4.3% | 4.7% | 5.0% | 5.0% | 3.9% | 4.3% | 4.6% | 4.9% | 5.0% | 3.8% | 4.2% | 4.5% | 4.9% | 5.0% |

TSC with Damaged PWR Fuel Basket Assembly Max. Initial Enrichment (wt % ²³⁵U)

| | | | | | | | | | | | | | | | |
|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| BW15H1 | 3.7% | 4.0% | 4.3% | 4.6% | 4.9% | 3.6% | 3.9% | 4.2% | 4.5% | 4.7% | 3.6% | 3.8% | 4.1% | 4.4% | 4.7% |
| BW15H2 | 3.6% | 3.9% | 4.2% | 4.5% | 4.8% | 3.6% | 3.8% | 4.1% | 4.4% | 4.7% | 3.5% | 3.8% | 4.1% | 4.3% | 4.6% |
| BW15H3 | 3.6% | 3.9% | 4.2% | 4.5% | 4.8% | 3.5% | 3.8% | 4.1% | 4.4% | 4.6% | 3.5% | 3.8% | 4.0% | 4.3% | 4.6% |
| BW15H4 | 3.8% | 4.1% | 4.4% | 4.7% | 5.0% | 3.7% | 4.0% | 4.3% | 4.6% | 4.9% | 3.6% | 3.9% | 4.2% | 4.5% | 4.8% |
| BW17H1 | 3.6% | 3.9% | 4.2% | 4.5% | 4.8% | 3.6% | 3.9% | 4.1% | 4.4% | 4.7% | 3.5% | 3.8% | 4.1% | 4.4% | 4.6% |
| CE14H1 | 4.4% | 4.8% | 5.0% | 5.0% | 5.0% | 4.3% | 4.7% | 5.0% | 5.0% | 5.0% | 4.3% | 4.6% | 4.9% | 5.0% | 5.0% |
| CE16H1 | 4.4% | 4.7% | 5.0% | 5.0% | 5.0% | 4.2% | 4.6% | 5.0% | 5.0% | 5.0% | 4.2% | 4.5% | 4.9% | 5.0% | 5.0% |
| WE14H1 | 4.6% | 5.0% | 5.0% | 5.0% | 5.0% | 4.5% | 5.0% | 5.0% | 5.0% | 5.0% | 4.5% | 4.9% | 5.0% | 5.0% | 5.0% |
| WE15H1 | 3.8% | 4.1% | 4.4% | 4.7% | 5.0% | 3.7% | 4.0% | 4.3% | 4.6% | 4.9% | 3.6% | 4.0% | 4.3% | 4.6% | 4.8% |
| WE15H2 | 3.9% | 4.3% | 4.6% | 4.9% | 5.0% | 3.8% | 4.2% | 4.5% | 4.8% | 5.0% | 3.8% | 4.1% | 4.4% | 4.7% | 5.0% |
| WE17H1 | 3.7% | 4.0% | 4.3% | 4.6% | 4.9% | 3.6% | 3.9% | 4.2% | 4.5% | 4.8% | 3.6% | 3.9% | 4.2% | 4.5% | 4.8% |
| WE17H2 | 3.9% | 4.3% | 4.6% | 5.0% | 5.0% | 3.9% | 4.2% | 4.5% | 4.9% | 5.0% | 3.8% | 4.1% | 4.5% | 4.8% | 5.0% |

- Specified soluble boron concentrations are independent of whether an assembly contains a nonfuel insert.

^a Borated aluminum neutron absorber sheet effective areal ¹⁰B density.

**Table B2-5 Additional SNF Assembly Cool Time Required to Load NONFUEL
HARDWARE**

| Assy | | Uniform | Three-Zone | | | Four-Zone | | | |
|-----------|------------------|------------------|------------|-----|-----|-----------|-----|-----|-----|
| | | | A | B | C | A | B1 | B2 | C |
| CE 14x14 | BPAA/HFRA | -- | -- | -- | -- | -- | -- | -- | -- |
| | GTPD/NSA | -- | -- | -- | -- | -- | -- | -- | -- |
| | RCC | 0.2 | 0.2 | 0.1 | 0.2 | -- | -- | -- | -- |
| WE 14x14 | BPAA/HFRA | 0.5 | 0.5 | 0.2 | 0.7 | 1.4 | 0.1 | 0.1 | 0.7 |
| | GTPD/NSA | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 |
| | RCC ^a | 0.7 | 2.3 | 0.7 | 4.1 | 2.2 | 0.2 | 0.1 | 1.0 |
| WE 15x15 | BPAA/HFRA | 0.5 | 0.6 | 0.2 | 0.8 | -- | -- | -- | -- |
| | GTPD/NSA | 0.1 | 0.1 | 0.1 | 0.1 | -- | -- | -- | -- |
| | RCC | 3.1 | 3.4 | 1.5 | 4.5 | -- | -- | -- | -- |
| B&W 15x15 | BPAA/HFRA | 0.1 | 0.1 | 0.1 | 0.1 | -- | -- | -- | -- |
| | GTPD/NSA | 0.1 | 0.1 | 0.1 | 0.1 | -- | -- | -- | -- |
| | RCC | 0.2 | 0.2 | 0.1 | 0.2 | -- | -- | -- | -- |
| CE 16x16 | BPAA/HFRA | -- | -- | -- | -- | -- | -- | -- | -- |
| | GTPD/NSA | -- | -- | -- | -- | -- | -- | -- | -- |
| | RCC ^b | 0.3 ^c | 0.2 | 0.1 | 0.3 | 0.8 | 0.1 | 0.1 | 0.4 |
| WE 17x17 | BPAA/HFRA | 0.5 | 0.6 | 0.2 | 0.7 | -- | -- | -- | -- |
| | GTPD/NSA | 0.1 | 0.1 | 0.1 | 0.1 | -- | -- | -- | -- |
| | RCC | 2.9 | 3.3 | 1.4 | 4.3 | -- | -- | -- | -- |
| B&W 17x17 | BPAA/HFRA | 0.1 | 0.1 | 0.1 | 0.1 | -- | -- | -- | -- |
| | GTPD/NSA | 0.1 | 0.1 | 0.1 | 0.1 | -- | -- | -- | -- |
| | RCC | 0.2 | 0.2 | 0.1 | 0.2 | -- | -- | -- | -- |

Note: Additional SNF assembly cooling time to be added to the minimum SNF assembly cool time based on SNF assembly initial enrichment and SNF assembly average burnup listed in Tables B2-15 through B2-22 and B2-25 through B2-41.

^a WE14x14 Uniform and four-zone preferential are evaluated using RCC with 2.5-year minimum cool time

^b CE16x16 Uniform and four-zone preferential are evaluated using RCC with 5-year minimum cool time

^c 0.2 years for RCC with 10-year minimum cool time

Table B2-6 Allowed BPAA/NSA Burnup and Cool Time Combinations

| Maximum Burnup (GWd/MTU) | Minimum Cool Time (yrs) | | | | |
|------------------------------------|-------------------------|----------|-----------|----------|-----------|
| | WE 14×14 | WE 15×15 | B&W 15×15 | WE 17×17 | B&W 17×17 |
| 10 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 15 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| 20 | 0.5 | 1.0 | 2.0 | 2.0 | 0.5 |
| 25 | 1.0 | 2.5 | 3.5 | 3.5 | 1.0 |
| 30 | 2.5 | 4.0 | 5.0 | 5.0 | 2.5 |
| 32.5 | 3.0 | 4.5 | 6.0 | 6.0 | 3.0 |
| 35 | 3.5 | 5.0 | 6.0 | 6.0 | 3.5 |
| 37.5 | 4.0 | 6.0 | 7.0 | 7.0 | 4.0 |
| 40 | 4.5 | 6.0 | 7.0 | 7.0 | 4.5 |
| 45 | 5.0 | 7.0 | 8.0 | 8.0 | 6.0 |
| 50 | 6.0 | 8.0 | 9.0 | 9.0 | 7.0 |
| 55 | 7.0 | 8.0 | 10.0 | 9.0 | 7.0 |
| 60 | 7.0 | 9.0 | 10.0 | 10.0 | 8.0 |
| 65 | 8.0 | 10.0 | 12.0 | 12.0 | 8.0 |
| 70 | 8.0 | 10.0 | 12.0 | 12.0 | 9.0 |
| Max ⁶⁰ Co Activity (Ci) | 718 | 733 | 19 | 637 | 26 |

Note: Specified minimum cool times for BPRAs are independent of the required minimum cool times for the fuel assembly containing the BPRA.

Table B2-7 Allowed GTPD/NSA Burnup and Cool Time Combinations

| Maximum Burnup (GWd/MTU) | Minimum Cool Time (yrs) | | | | |
|--------------------------------|-------------------------|----------|-----------|----------|-----------|
| | WE 14×14 | WE 15×15 | B&W 15×15 | WE 17×17 | B&W 17×17 |
| 45 | 2.0 | 3.5 | 7.0 | 5.0 | 6.0 |
| 90 | 6.0 | 7.0 | 10.0 | 9.0 | 10.0 |
| 135 | 7.0 | 9.0 | 12.0 | 10.0 | 12.0 |
| 180 | 8.0 | 9.0 | 14.0 | 12.0 | 12.0 |
| ⁶⁰ Co Activity (Ci) | 63.5 | 64.1 | 56.9 | 64.0 | 63.6 |

Note: Specified minimum cool times for thimble plugs are independent of the required minimum cool times for the fuel assembly containing the thimble plug.

Table B2-8 PWR Fuel Preferential Loading Pattern Definitions

Three-Zone

| Zone Description (see Figure B2-2) | Designator | Maximum Heat Load (W/assy) | # Assemblies |
|---------------------------------------|------------|-------------------------------|--------------|
| Inner Zone | A | 922 | 9 |
| Middle Zone | B | 1,200 | 12 |
| Outer Zone | C | 800 | 16 |

Four-Zone

| Zone Description (see Figure B2-2) | Designator | Maximum Heat Load (W/assy) | # Assemblies |
|---------------------------------------|------------|-------------------------------|--------------|
| Inner Zone | A | 513 | 9 |
| Middle Zone | B1 | 1,300 | 8 |
| | B2 | 1,800 | 4 |
| Outer Zone | C | 830 | 16 |

Figure B2-1 Schematic of 37-Assembly PWR Basket

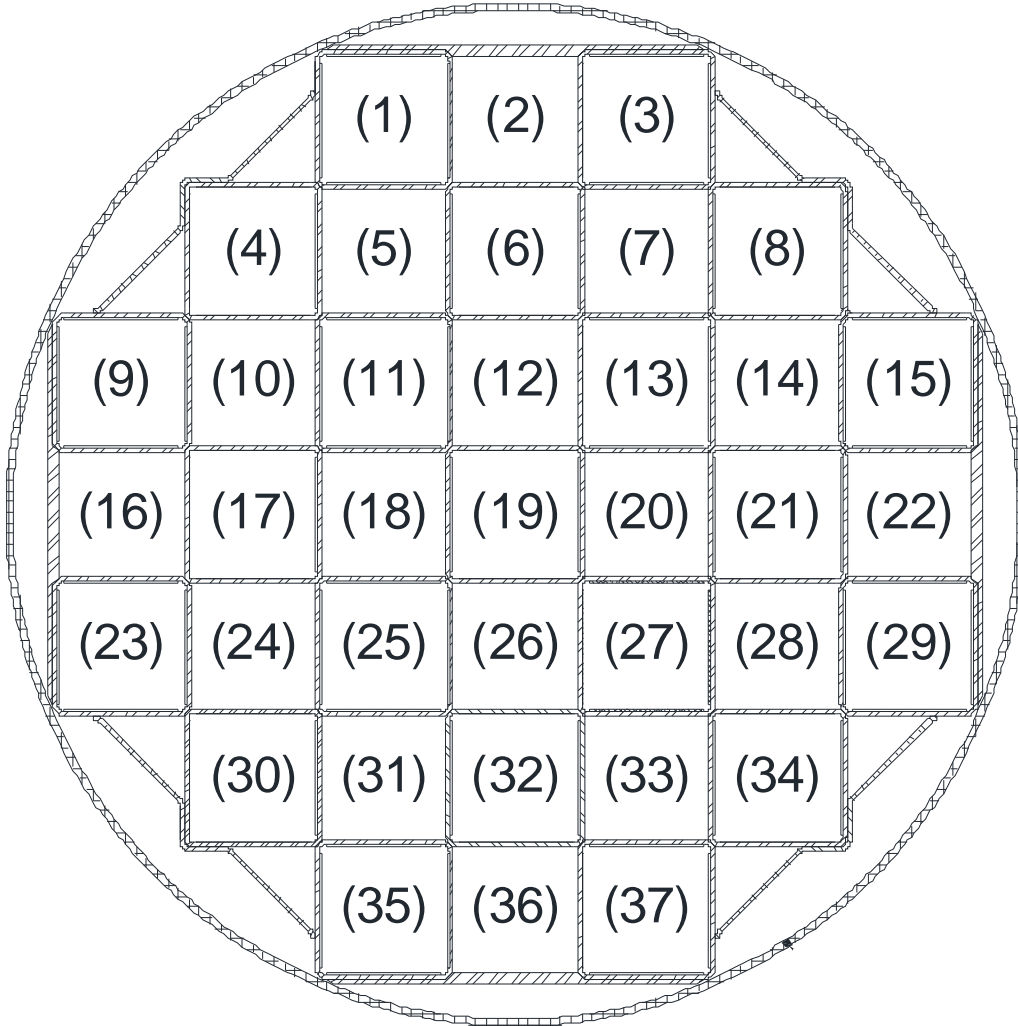
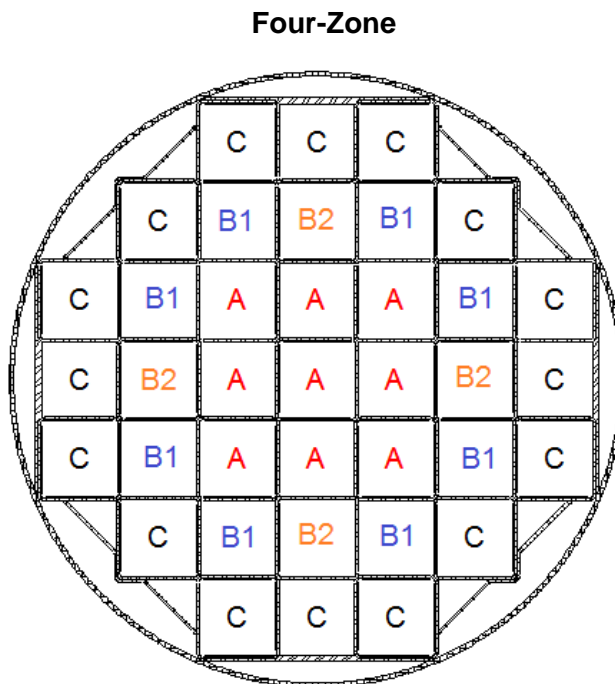
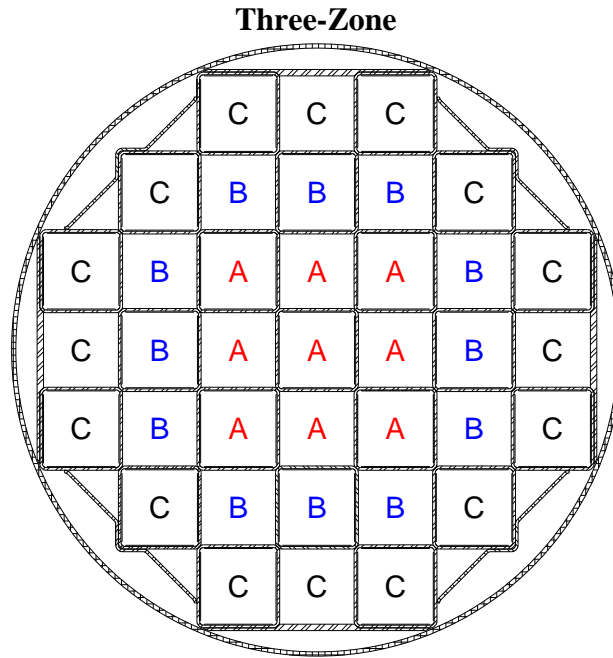
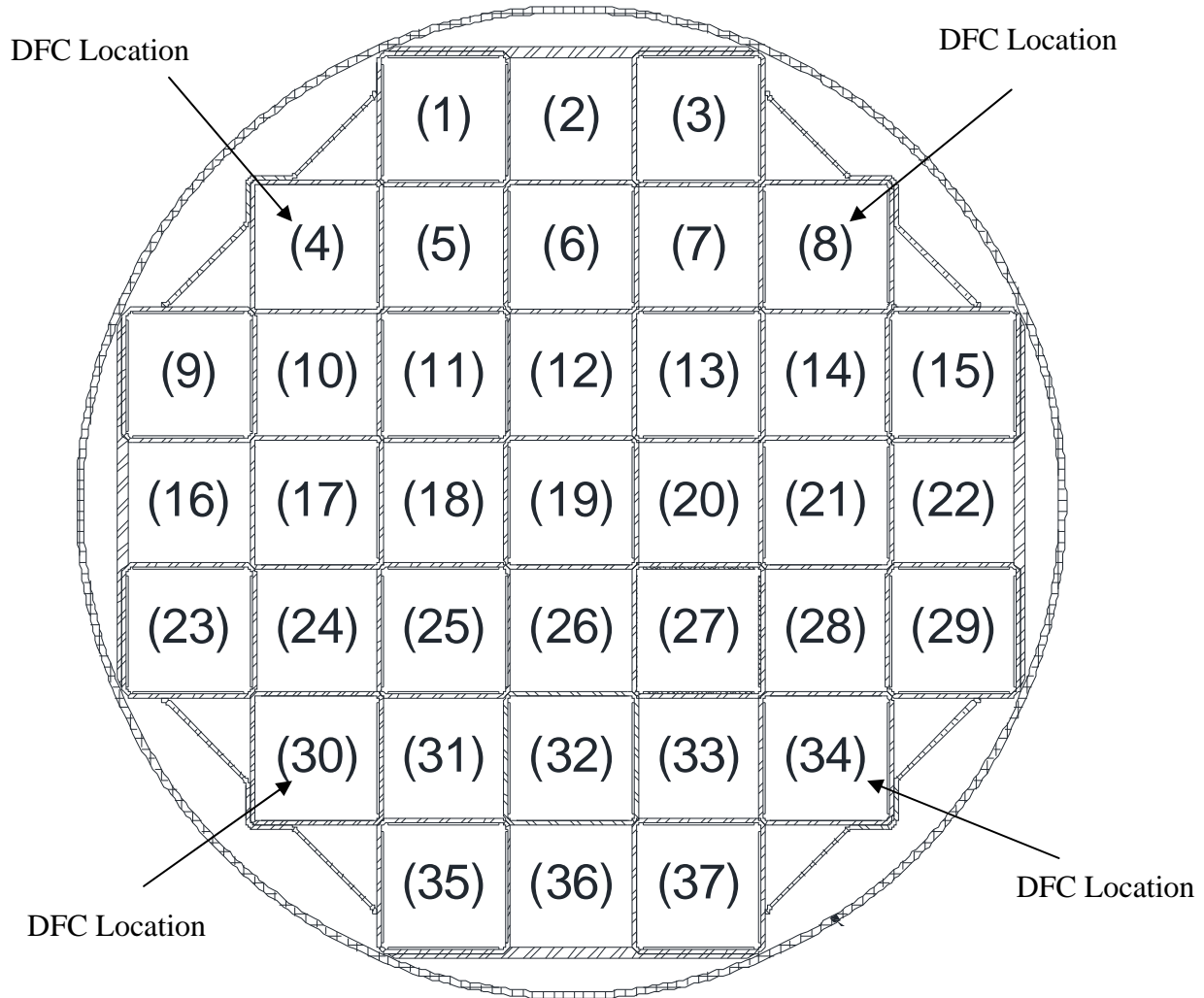


Figure B2-2 Schematic of 37-Assembly PWR Basket Preferential Loading Patterns



Refer to Table B2-8 for Maximum Heat Loads

Figure B2-3 Schematic of DF Basket Assembly Configuration for PWR SNF with DFCs



DFC designated locations may contain a loaded DFC or a PWR UNDA MAGED SNF ASSEMBLY.

Table B2-9 TSC with BWR Fuel Limits

| | |
|---|--|
| I. BWR FUEL | |
| A. Allowable Contents | |
| 1. Uranium BWR UNDAMAGED FUEL assemblies listed in Tables B2-10 and B2-11 and meeting the following specifications: | |
| a. Cladding Type: | Zirconium-based alloy. |
| b. Enrichment: Post-irradiation Cooling Time and Assembly Average Burnup | Generic maximum INITIAL PEAK PLANAR-AVERAGE ENRICHMENTS are shown in Table B2-10. The physical characteristics of the different BWR SNF ASSEMBLIES are defined in Table B2-11. Fuel type specific enrichment limits for the 87-assembly and 82-assembly BWR fuel basket configurations are defined in Table B2-12 as a function of neutron absorber areal density. Combined minimum enrichment, maximum SNF assembly average burnup and minimum cool time limits are shown in Table B2-23 and Table B2-24. For SNF assembly average burnup levels below those shown in Table B2-23 and Table B2-24, an SNF assembly minimum cool time is specified in Table B2-14, provided that the minimum initial SNF assembly average enrichment limits are applied. |
| c. Decay Heat per SNF Assembly: | ≤ 379 watts |
| d. Nominal Fresh Fuel Design SNF Assembly Length (in.): | ≤ 176.2 |
| e. Nominal Fresh Fuel Design SNF Assembly Width (in.): | ≤ 5.52 |
| f. SNF Assembly Weight (lb): | ≤ 704 , including channels |
| B. Quantity per TSC: Up to 87 BWR UNDAMAGED SNF ASSEMBLIES. With the exception of the designated nonfuel locations in the 82-assembly basket configuration, fuel storage locations not containing a fuel assembly shall have an empty fuel cell insert installed. Prior to use of the 86 and 82-assembly configurations, the cell fuel storage locations as noted and shown in Figures B2-4 and B2-5 must be physically blocked to prevent fuel assembly loading, respectively. | |

(continued)

Table B2-9 TSC with BWR Fuel Limits (continued)

-
- C. BWR fuel assemblies may be unchanneled, or channeled with zirconium-based alloy channels.
 - D. BWR fuel assemblies with stainless steel channels are not authorized.
 - E. SNF Assembly lattices possessing less than the nominal number of undamaged fuel rods (see Table B2-11) must contain solid filler rods that displace a volume equal to, or greater than, that of the fuel rod that the filler rod replaces.
 - F. Spacers may be used in a TSC to axially position BWR SNF assemblies to facilitate handling.
 - G. Unirradiated (i.e., not inserted in-core) fuel assemblies are not authorized for loading. Unenriched axial blankets are permitted, provided that the nominal length of the blanket is not greater than six (6) inches.
 - H. Allowable SNF assembly locations for the 86-assembly fuel basket configuration is shown in Figure B2-4.
 - I. Allowable SNF assembly locations for the standard and alternate 82-assembly fuel basket configurations are shown in Figure B2-5.

Table B2-10 BWR SNF Assembly Characteristics

| Characteristic | Fuel Class | | | |
|--|------------|-----------------------|------------------------------------|--|
| | 7×7 | 8×8 | 9×9 | 10×10 |
| Max Initial Enrichment (wt % ²³⁵ U) | 4.5 | 4.5 | 4.5 | 4.5 |
| Number of Fuel Rods | 48/49 | 59/60/61/ 62/63/64 | 72/74 ^(a) /76/ 79/80 | 91 ^(a) /92 ^(a) / 96 ^(a) /100 |
| Max Assembly Average Burnup (MWd/MTU) | 60,000 | 60,000 | 60,000 | 60,000 |
| Peak Average Rod Burnup (MWd/MTU) | 62,500 | 62,500 | 62,500 | 62,500 |
| Min Cool Time (years) | 4 | 4 | 4 | 4 |
| Min Average Enrichment (wt % ²³⁵ U) | 0.7 | 0.7 | 0.7 | 0.7 |
| Max Weight (lb) per Storage Location | 704 | 704 | 704 | 704 |
| Max Decay Heat (Watts) per Storage Location | 379 | 379 | 379 | 379 |

- Each BWR fuel assembly may include a zirconium-based alloy channel.
- Assembly weight includes the weight of the channel.
- Maximum initial enrichment is the peak planar-average enrichment.
- Water rods may occupy more than one fuel lattice location. Fuel assembly to contain nominal number of water rods for the specific assembly design.
- All enrichment values are nominal preirradiation fabrication values.
- Spacers may be used to axially position fuel assemblies to facilitate handling.

^(a) Assemblies may contain partial-length fuel rods.

Table B2-11 BWR SNF Assembly Loading Criteria

| Assembly Type | Number of Fuel Rods | Number of Partial Length Rods ¹ | Geometry ^{3,4} | | | | | Max Active Length (inch) | Max Loading (MTU) |
|-----------------------|---------------------|--|-------------------------|--------------------|------------------------|----------------------|--------------------------|--------------------------|-------------------|
| | | | Max Pitch (inch) | Min Clad OD (inch) | Min Clad Thick. (inch) | Max Pellet OD (inch) | Max Active Length (inch) | | |
| B7_48A | 48 | N/A | 0.7380 | 0.5700 | 0.03600 | 0.4900 | 144.0 | 0.1981 | |
| B7_49A | 49 | N/A | 0.7380 | 0.5630 | 0.03200 | 0.4880 | 146.0 | 0.2034 | |
| B7_49B | 49 | N/A | 0.7380 | 0.5630 | 0.03200 | 0.4910 | 150.0 | 0.2115 | |
| B8_59A | 59 | N/A | 0.6400 | 0.4930 | 0.03400 | 0.4160 | 150.0 | 0.1828 | |
| B8_60A | 60 | N/A | 0.6417 | 0.4840 | 0.03150 | 0.4110 | 150.0 | 0.1815 | |
| B8_60B | 60 | N/A | 0.6400 | 0.4830 | 0.03000 | 0.4140 | 150.0 | 0.1841 | |
| B8_61B | 61 | N/A | 0.6400 | 0.4830 | 0.03000 | 0.4140 | 150.0 | 0.1872 | |
| B8_62A | 62 | N/A | 0.6417 | 0.4830 | 0.02900 | 0.4160 | 150.0 | 0.1921 | |
| B8_63A | 63 | N/A | 0.6420 | 0.4840 | 0.02725 | 0.4195 | 150.0 | 0.1985 | |
| B8_64A | 64 | N/A | 0.6420 | 0.4840 | 0.02725 | 0.4195 | 150.0 | 0.2017 | |
| B8_64B ⁵ | 64 | N/A | 0.6090 | 0.4576 | 0.02900 | 0.3913 | 150.0 | 0.1755 | |
| B9_72A | 72 | N/A | 0.5720 | 0.4330 | 0.02600 | 0.3740 | 150.0 | 0.1803 | |
| B9_74A | 74 ² | 8 | 0.5720 | 0.4240 | 0.02390 | 0.3760 | 150.0 | 0.1873 | |
| B9_76A | 76 | N/A | 0.5720 | 0.4170 | 0.02090 | 0.3750 | 150.0 | 0.1914 | |
| B9_79A | 79 | N/A | 0.5720 | 0.4240 | 0.02390 | 0.3760 | 150.0 | 0.2000 | |
| B9_80A | 80 | N/A | 0.5720 | 0.4230 | 0.02950 | 0.3565 | 150.0 | 0.1821 | |
| B10_91A | 91 ² | 8 | 0.5100 | 0.3957 | 0.02385 | 0.3420 | 150.0 | 0.1906 | |
| B10_92A | 92 ² | 14 | 0.5100 | 0.4040 | 0.02600 | 0.3455 | 150.0 | 0.1966 | |
| B10_96A ⁵ | 96 ² | 12 | 0.4880 | 0.3780 | 0.02430 | 0.3224 | 150.0 | 0.1787 | |
| B10_100A ⁵ | 100 | N/A | 0.4880 | 0.3780 | 0.02430 | 0.3224 | 150.0 | 0.1861 | |

¹ Location of the partial length rods is illustrated in Figure B2-6.

² Assemblies may contain partial-length fuel rods.

³ Assembly characteristics represent cold, unirradiated, nominal configurations.

⁴ Maximum channel thickness allowed is 120 mils (nominal).

⁵ Composed of four subchannel clusters.

| |
|--|
| Note: Amendment No. 2 removed the enrichment/soluble boron limits from this table. This information is now presented in Table B2-12. |
|--|

Table B2-12 BWR SNF Assembly Loading Criteria – Enrichment Limits for 87-Assembly and 82-Assembly Configurations

| | Max. Initial Enrichment ^a (wt % ²³⁵ U) | | | | | |
|----------|---|-------------------|---|----------------|---|----------------|
| | Absorber ^b 0.027 ¹⁰ B g/cm ² | | Absorber 0.0225 ¹⁰ B g/cm ² | | Absorber 0.02 ¹⁰ B g/cm ² | |
| | 87-Assy Basket | 82-Assy Basket | 87-Assy Basket | 82-Assy Basket | 87-Assy Basket | 82-Assy Basket |
| B7_48A | 4.0% | 4.5% | 3.7% | 4.5% | 3.6% | 4.4% |
| B7_49A | 3.8% | 4.5% | 3.6% | 4.4% | 3.5% | 4.3% |
| B7_49B | 3.8% | 4.5% | 3.6% | 4.4% | 3.5% | 4.2% |
| B8_59A | 3.9% | 4.5% | 3.7% | 4.5% | 3.6% | 4.3% |
| B8_60A | 3.8% | 4.5% | 3.7% | 4.4% | 3.5% | 4.2% |
| B8_60B | 3.8% | 4.5% | 3.6% | 4.3% | 3.5% | 4.2% |
| B8_61B | 3.8% | 4.5% | 3.6% | 4.3% | 3.5% | 4.2% |
| B8_62A | 3.8% | 4.5% | 3.6% | 4.3% | 3.5% | 4.1% |
| B8_63A | 3.8% | 4.5% | 3.6% | 4.3% | 3.4% | 4.2% |
| B8_64A | 3.8% | 4.5% | 3.6% | 4.3% | 3.5% | 4.2% |
| B8_64B | 3.6% | 4.3% | 3.4% | 4.1% | 3.3% | 4.0% |
| B9_72A | 3.8% | 4.5% | 3.6% | 4.3% | 3.4% | 4.1% |
| B9_74A | 3.7% ^c | 4.3% | 3.4% | 4.1% | 3.4% | 4.0% |
| B9_76A | 3.5% | 4.2% | 3.4% | 4.0% | 3.3% | 3.9% |
| B9_79A | 3.7% | 4.4% | 3.4% | 4.2% | 3.3% | 4.0% |
| B9_80A | 3.8% | 4.5% | 3.6% | 4.3% | 3.5% | 4.2% |
| B10_91A | 3.7% | 4.5% ^d | 3.6% | 4.3% | 3.5% | 4.1% |
| B10_92A | 3.8% | 4.5% ^d | 3.6% | 4.3% | 3.5% | 4.1% |
| B10_96A | 3.7% | 4.3% | 3.5% | 4.1% | 3.4% | 4.0% |
| B10_100A | 3.6% | 4.4% | 3.5% | 4.1% | 3.4% | 4.0% |

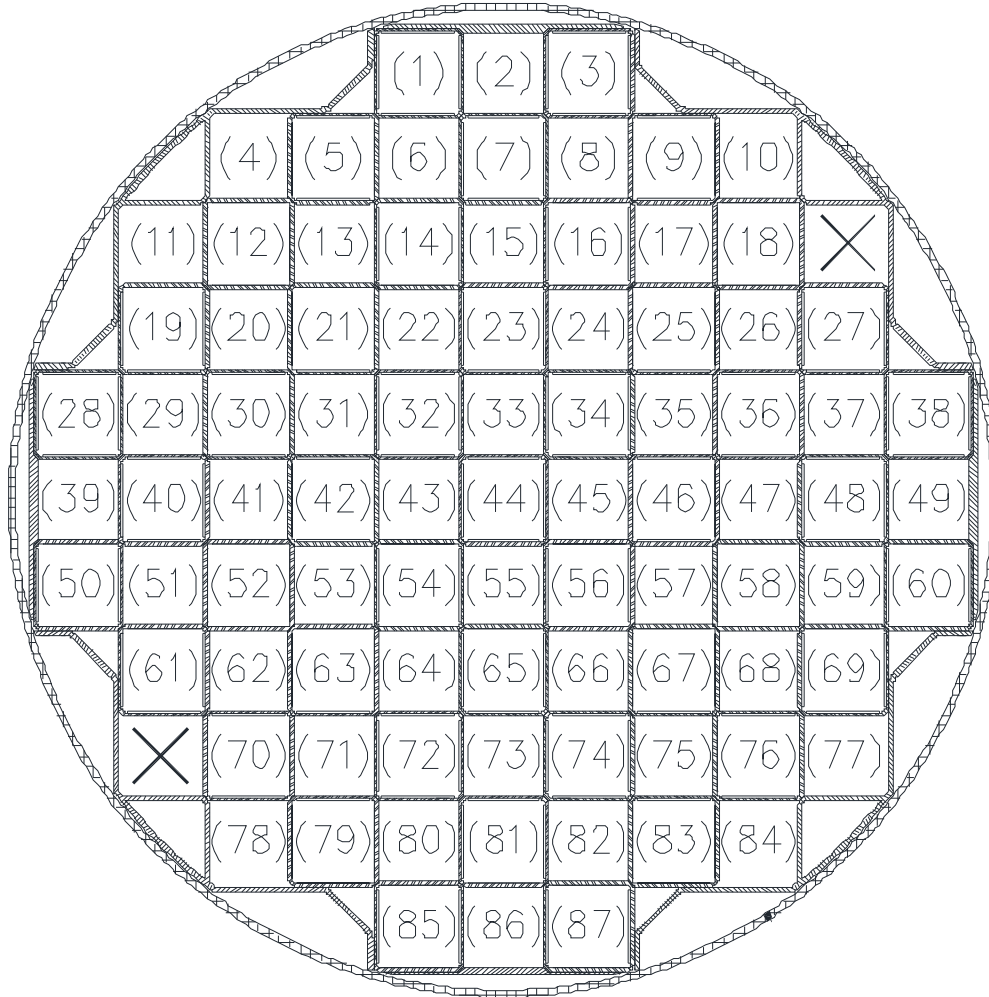
^a Maximum planar average.

^b Borated aluminum neutron absorber sheet effective areal ¹⁰B density.

^c 3.85% in the 86-assembly basket configuration

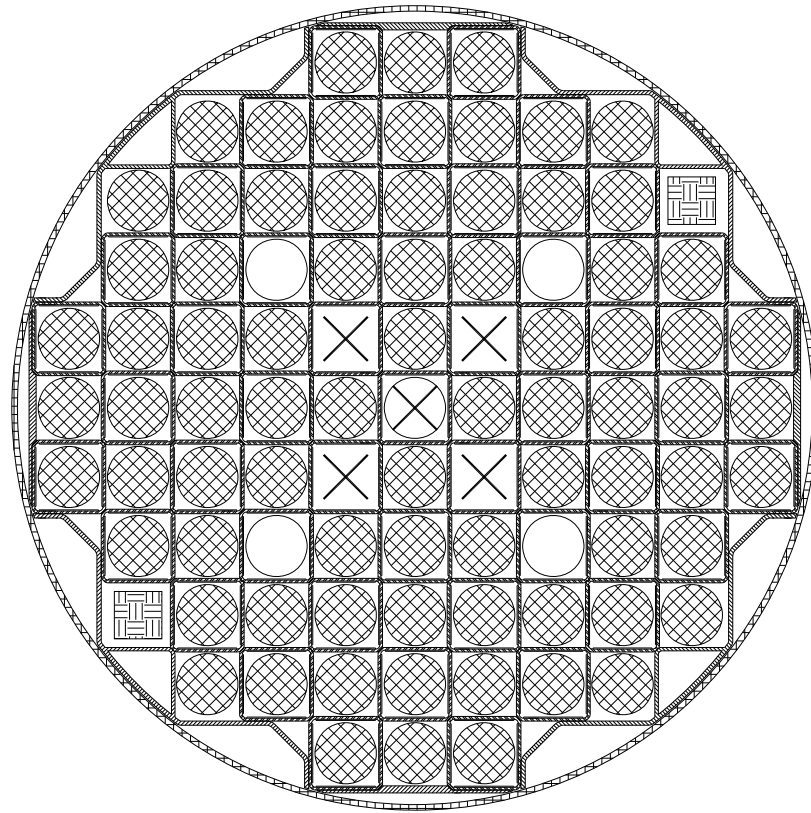
^d 4.55% in the alternate 82-assembly basket configuration

Figure B2-4 Schematic of 87-Assembly BWR Basket



Note – Cell location 44 must have an empty fuel cell insert installed in order to use the 86-assembly configuration.

Figure B2-5 Schematic of 82-Assembly BWR Basket



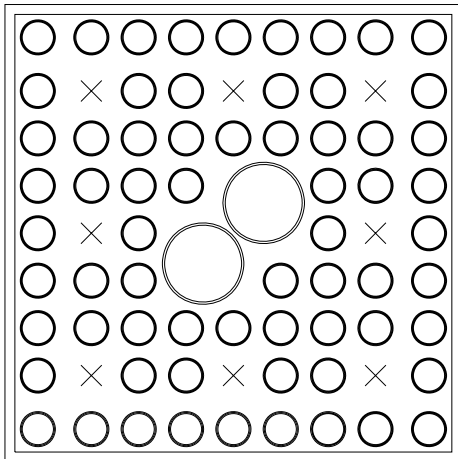
 = Fuel Assembly Locations

 = Vent/Drain Port Locations

 = Designated Nonfuel Locations for
Standard 82-Assembly Config

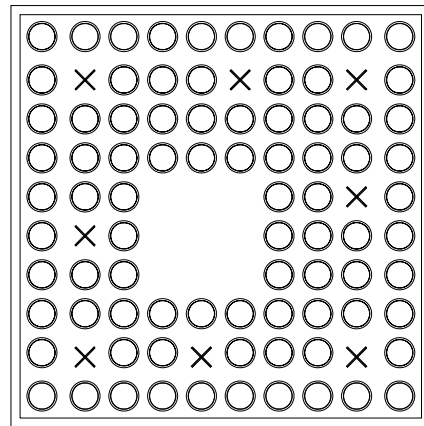
 = Designated Nonfuel Locations for
Alternate 82-Assembly Config

Figure B2-6 BWR Partial Length Fuel Rod Location Sketches



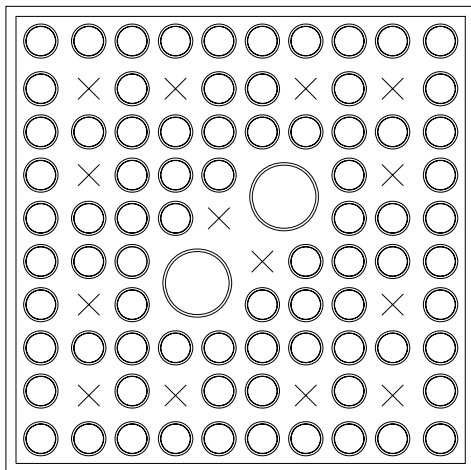
○ = Fuel Rod Location
× = Partial Rod Location

B9_74A 8 Partial Length Rods



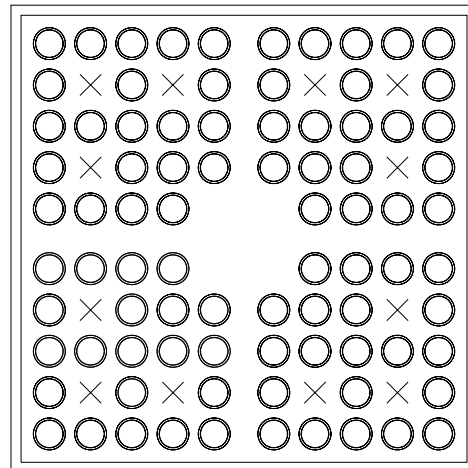
○ = Fuel Rod Location
× = Partial Rod Location

B10_91A 8 Partial Length Rods



○ = Fuel Rod Location
× = Partial Rod Location

B10_92A 14 Partial Length Rods



○ = Fuel Rod Location
× = Partial Rod Location

B10_96A 12 Partial Length Rods

Table B2-13 PWR Loading Table – Low SNF Assembly Average Burnup Enrichment Limits

| Max. Assembly Avg. Burnup (MWd/MTU) | Min. Assembly Avg. Initial Enrichment (wt% ²³⁵ U) | Minimum Cool Time (yrs) | | | |
|-------------------------------------|--|-------------------------|-------|-------|---------|
| | | 959 W | 800 W | 922 W | 1,200 W |
| Heat Load per Assy | -- | | | | |
| 10,000 | 1.3 | 4.0 | 4.0 | 4.0 | 4.0 |
| 15,000 | 1.5 | 4.0 | 4.0 | 4.0 | 4.0 |
| 20,000 | 1.7 | 4.0 | 4.0 | 4.0 | 4.0 |
| 25,000 | 1.9 | 4.0 | 4.3 | 4.0 | 4.0 |
| 30,000 | 2.1 | 4.4 | 5.2 | 4.5 | 4.0 |

Table B2-14 BWR Loading Table – Low SNF Assembly Average Burnup Enrichment Limits

| Max. Assembly Avg. Burnup (MWd/MTU) | Min. Assembly Avg. Initial Enrichment (wt% ²³⁵ U) | Minimum Cool Time (yrs) |
|-------------------------------------|--|-------------------------|
| | | |
| 5,000 | 0.7 | 4.0 |
| 10,000 | 1.3 | 4.0 |
| 15,000 | 1.5 | 4.0 |
| 20,000 | 1.7 | 4.0 |
| 25,000 | 1.9 | 4.0 |
| 30,000 | 2.1 | 4.3 |

Table B2-15 Loading Table for PWR Fuel – 959 W/Assembly

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 30 < Assembly Average Burnup ≤ 32.5 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------------|-------------|--------------|-------------|-------------|--------------|
| | CE 14×14 | WE 14×14 | WE 15×15 | B&W 15×15 | CE 16×16 | WE 17×17 | B&W 17×17 |
| 2.1 ≤ E < 2.3 | 4.1 | 4.1 | 4.6 | 4.7 | 4.4 | 4.7 | 4.7 |
| 2.3 ≤ E < 2.5 | 4.0 | 4.1 | 4.5 | 4.7 | 4.4 | 4.6 | 4.6 |
| 2.5 ≤ E < 2.7 | 4.0 | 4.0 | 4.5 | 4.6 | 4.3 | 4.6 | 4.6 |
| 2.7 ≤ E < 2.9 | 4.0 | 4.0 | 4.5 | 4.5 | 4.3 | 4.5 | 4.5 |
| 2.9 ≤ E < 3.1 | 4.0 | 4.0 | 4.4 | 4.5 | 4.2 | 4.5 | 4.5 |
| 3.1 ≤ E < 3.3 | 4.0 | 4.0 | 4.4 | 4.5 | 4.2 | 4.5 | 4.5 |
| 3.3 ≤ E < 3.5 | 4.0 | 4.0 | 4.3 | 4.4 | 4.2 | 4.4 | 4.4 |
| 3.5 ≤ E < 3.7 | 4.0 | 4.0 | 4.3 | 4.4 | 4.1 | 4.4 | 4.4 |
| 3.7 ≤ E < 3.9 | 4.0 | 4.0 | 4.3 | 4.4 | 4.1 | 4.4 | 4.4 |
| 3.9 ≤ E < 4.1 | 4.0 | 4.0 | 4.2 | 4.3 | 4.0 | 4.3 | 4.3 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.0 | 4.2 | 4.3 | 4.0 | 4.3 | 4.3 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.0 | 4.2 | 4.3 | 4.0 | 4.3 | 4.3 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.0 | 4.1 | 4.2 | 4.0 | 4.2 | 4.2 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.0 | 4.1 | 4.2 | 4.0 | 4.2 | 4.2 |
| E ≥ 4.9 | 4.0 | 4.0 | 4.1 | 4.2 | 4.0 | 4.2 | 4.2 |

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 32.5 < Assembly Average Burnup ≤ 35 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------------|-------------|--------------|-------------|-------------|--------------|
| | CE 14×14 | WE 14×14 | WE 15×15 | B&W 15×15 | CE 16×16 | WE 17×17 | B&W 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | 4.3 | 4.4 | 5.0 | 5.1 | 4.7 | 5.0 | 5.0 |
| 2.5 ≤ E < 2.7 | 4.3 | 4.4 | 4.9 | 5.0 | 4.7 | 5.0 | 5.0 |
| 2.7 ≤ E < 2.9 | 4.2 | 4.3 | 4.8 | 5.0 | 4.6 | 4.9 | 4.9 |
| 2.9 ≤ E < 3.1 | 4.2 | 4.3 | 4.8 | 4.9 | 4.6 | 4.9 | 4.9 |
| 3.1 ≤ E < 3.3 | 4.1 | 4.2 | 4.7 | 4.9 | 4.5 | 4.8 | 4.8 |
| 3.3 ≤ E < 3.5 | 4.1 | 4.2 | 4.7 | 4.8 | 4.5 | 4.8 | 4.8 |
| 3.5 ≤ E < 3.7 | 4.1 | 4.1 | 4.6 | 4.8 | 4.4 | 4.7 | 4.7 |
| 3.7 ≤ E < 3.9 | 4.0 | 4.1 | 4.6 | 4.7 | 4.4 | 4.7 | 4.7 |
| 3.9 ≤ E < 4.1 | 4.0 | 4.1 | 4.6 | 4.7 | 4.4 | 4.7 | 4.7 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.0 | 4.5 | 4.7 | 4.3 | 4.6 | 4.6 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.0 | 4.5 | 4.6 | 4.3 | 4.6 | 4.6 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.0 | 4.5 | 4.6 | 4.3 | 4.6 | 4.6 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.0 | 4.4 | 4.6 | 4.3 | 4.5 | 4.5 |
| E ≥ 4.9 | 4.0 | 4.0 | 4.4 | 4.5 | 4.2 | 4.5 | 4.5 |

Table B2-15 Loading Table for PWR Fuel – 959 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 35 < Assembly Average Burnup ≤ 37.5 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | 4.7 | 4.8 | 5.5 | 5.7 | 5.2 | 5.6 | 5.6 |
| 2.5 ≤ E < 2.7 | 4.6 | 4.7 | 5.4 | 5.6 | 5.1 | 5.5 | 5.5 |
| 2.7 ≤ E < 2.9 | 4.6 | 4.7 | 5.3 | 5.5 | 5.0 | 5.4 | 5.4 |
| 2.9 ≤ E < 3.1 | 4.5 | 4.6 | 5.3 | 5.4 | 5.0 | 5.4 | 5.4 |
| 3.1 ≤ E < 3.3 | 4.5 | 4.5 | 5.2 | 5.4 | 4.9 | 5.3 | 5.3 |
| 3.3 ≤ E < 3.5 | 4.4 | 4.5 | 5.1 | 5.3 | 4.9 | 5.2 | 5.2 |
| 3.5 ≤ E < 3.7 | 4.4 | 4.5 | 5.0 | 5.2 | 4.8 | 5.2 | 5.2 |
| 3.7 ≤ E < 3.9 | 4.3 | 4.4 | 5.0 | 5.2 | 4.8 | 5.1 | 5.1 |
| 3.9 ≤ E < 4.1 | 4.3 | 4.4 | 5.0 | 5.1 | 4.7 | 5.1 | 5.1 |
| 4.1 ≤ E < 4.3 | 4.3 | 4.4 | 4.9 | 5.1 | 4.7 | 5.0 | 5.0 |
| 4.3 ≤ E < 4.5 | 4.2 | 4.3 | 4.9 | 5.0 | 4.7 | 5.0 | 5.0 |
| 4.5 ≤ E < 4.7 | 4.2 | 4.3 | 4.9 | 5.0 | 4.6 | 5.0 | 5.0 |
| 4.7 ≤ E < 4.9 | 4.2 | 4.3 | 4.8 | 5.0 | 4.6 | 4.9 | 4.9 |
| E ≥ 4.9 | 4.1 | 4.2 | 4.8 | 4.9 | 4.5 | 4.9 | 4.9 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 37.5 < Assembly Average Burnup ≤ 40 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 5.0 | 5.2 | 5.9 | 6.1 | 5.6 | 6.0 | 6.0 |
| 2.7 ≤ E < 2.9 | 5.0 | 5.1 | 5.9 | 6.0 | 5.5 | 5.9 | 5.9 |
| 2.9 ≤ E < 3.1 | 4.9 | 5.0 | 5.8 | 6.0 | 5.5 | 5.9 | 5.9 |
| 3.1 ≤ E < 3.3 | 4.9 | 4.9 | 5.7 | 5.9 | 5.4 | 5.8 | 5.8 |
| 3.3 ≤ E < 3.5 | 4.8 | 4.9 | 5.7 | 5.8 | 5.3 | 5.7 | 5.7 |
| 3.5 ≤ E < 3.7 | 4.7 | 4.8 | 5.6 | 5.8 | 5.2 | 5.7 | 5.7 |
| 3.7 ≤ E < 3.9 | 4.7 | 4.8 | 5.5 | 5.7 | 5.2 | 5.6 | 5.6 |
| 3.9 ≤ E < 4.1 | 4.6 | 4.8 | 5.5 | 5.7 | 5.1 | 5.6 | 5.6 |
| 4.1 ≤ E < 4.3 | 4.6 | 4.7 | 5.4 | 5.6 | 5.1 | 5.5 | 5.5 |
| 4.3 ≤ E < 4.5 | 4.5 | 4.7 | 5.4 | 5.6 | 5.0 | 5.5 | 5.5 |
| 4.5 ≤ E < 4.7 | 4.5 | 4.6 | 5.3 | 5.5 | 5.0 | 5.4 | 5.4 |
| 4.7 ≤ E < 4.9 | 4.5 | 4.6 | 5.3 | 5.5 | 5.0 | 5.4 | 5.4 |
| E ≥ 4.9 | 4.5 | 4.5 | 5.2 | 5.4 | 4.9 | 5.4 | 5.4 |

Table B2-15 Loading Table for PWR Fuel – 959 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 40 < Assembly Average Burnup ≤ 41 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 5.3 | 5.4 | 6.2 | 6.4 | 5.8 | 6.3 | 6.3 |
| 2.7 ≤ E < 2.9 | 5.2 | 5.3 | 6.1 | 6.3 | 5.7 | 6.2 | 6.2 |
| 2.9 ≤ E < 3.1 | 5.1 | 5.2 | 6.0 | 6.2 | 5.7 | 6.1 | 6.1 |
| 3.1 ≤ E < 3.3 | 5.0 | 5.1 | 5.9 | 6.1 | 5.6 | 6.0 | 6.0 |
| 3.3 ≤ E < 3.5 | 4.9 | 5.1 | 5.9 | 6.0 | 5.5 | 5.9 | 5.9 |
| 3.5 ≤ E < 3.7 | 4.9 | 5.0 | 5.8 | 6.0 | 5.5 | 5.9 | 5.9 |
| 3.7 ≤ E < 3.9 | 4.8 | 4.9 | 5.7 | 5.9 | 5.4 | 5.8 | 5.8 |
| 3.9 ≤ E < 4.1 | 4.8 | 4.9 | 5.7 | 5.9 | 5.3 | 5.8 | 5.8 |
| 4.1 ≤ E < 4.3 | 4.7 | 4.9 | 5.6 | 5.8 | 5.3 | 5.7 | 5.7 |
| 4.3 ≤ E < 4.5 | 4.7 | 4.8 | 5.6 | 5.8 | 5.2 | 5.7 | 5.7 |
| 4.5 ≤ E < 4.7 | 4.7 | 4.8 | 5.5 | 5.7 | 5.2 | 5.6 | 5.6 |
| 4.7 ≤ E < 4.9 | 4.6 | 4.7 | 5.5 | 5.7 | 5.1 | 5.6 | 5.6 |
| E ≥ 4.9 | 4.6 | 4.7 | 5.5 | 5.6 | 5.1 | 5.6 | 5.6 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 41 < Assembly Average Burnup ≤ 42 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 5.5 | 5.6 | 6.5 | 6.7 | 6.0 | 6.6 | 6.6 |
| 2.7 ≤ E < 2.9 | 5.4 | 5.5 | 6.4 | 6.6 | 5.9 | 6.5 | 6.5 |
| 2.9 ≤ E < 3.1 | 5.3 | 5.4 | 6.3 | 6.5 | 5.9 | 6.4 | 6.4 |
| 3.1 ≤ E < 3.3 | 5.2 | 5.3 | 6.2 | 6.4 | 5.8 | 6.3 | 6.3 |
| 3.3 ≤ E < 3.5 | 5.1 | 5.3 | 6.1 | 6.3 | 5.7 | 6.2 | 6.2 |
| 3.5 ≤ E < 3.7 | 5.0 | 5.2 | 6.0 | 6.2 | 5.7 | 6.1 | 6.1 |
| 3.7 ≤ E < 3.9 | 5.0 | 5.1 | 5.9 | 6.2 | 5.6 | 6.0 | 6.0 |
| 3.9 ≤ E < 4.1 | 4.9 | 5.1 | 5.9 | 6.1 | 5.5 | 6.0 | 6.0 |
| 4.1 ≤ E < 4.3 | 4.9 | 5.0 | 5.8 | 6.0 | 5.5 | 5.9 | 5.9 |
| 4.3 ≤ E < 4.5 | 4.9 | 5.0 | 5.8 | 6.0 | 5.4 | 5.9 | 5.9 |
| 4.5 ≤ E < 4.7 | 4.8 | 4.9 | 5.7 | 5.9 | 5.4 | 5.8 | 5.8 |
| 4.7 ≤ E < 4.9 | 4.8 | 4.9 | 5.7 | 5.9 | 5.3 | 5.8 | 5.8 |
| E ≥ 4.9 | 4.7 | 4.9 | 5.7 | 5.9 | 5.3 | 5.8 | 5.8 |

Table B2-15 Loading Table for PWR Fuel – 959 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 42 < Assembly Average Burnup ≤ 43 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 5.7 | 5.8 | 6.8 | 7.0 | 6.3 | 6.9 | 6.9 |
| 2.7 ≤ E < 2.9 | 5.6 | 5.7 | 6.7 | 6.9 | 6.2 | 6.8 | 6.8 |
| 2.9 ≤ E < 3.1 | 5.5 | 5.6 | 6.6 | 6.8 | 6.0 | 6.7 | 6.7 |
| 3.1 ≤ E < 3.3 | 5.4 | 5.6 | 6.5 | 6.7 | 6.0 | 6.6 | 6.6 |
| 3.3 ≤ E < 3.5 | 5.3 | 5.5 | 6.4 | 6.6 | 5.9 | 6.5 | 6.5 |
| 3.5 ≤ E < 3.7 | 5.3 | 5.4 | 6.3 | 6.5 | 5.9 | 6.4 | 6.4 |
| 3.7 ≤ E < 3.9 | 5.2 | 5.3 | 6.2 | 6.5 | 5.8 | 6.3 | 6.3 |
| 3.9 ≤ E < 4.1 | 5.1 | 5.3 | 6.1 | 6.4 | 5.7 | 6.2 | 6.2 |
| 4.1 ≤ E < 4.3 | 5.0 | 5.2 | 6.0 | 6.3 | 5.7 | 6.2 | 6.1 |
| 4.3 ≤ E < 4.5 | 5.0 | 5.2 | 6.0 | 6.2 | 5.6 | 6.1 | 6.1 |
| 4.5 ≤ E < 4.7 | 5.0 | 5.1 | 5.9 | 6.2 | 5.6 | 6.0 | 6.0 |
| 4.7 ≤ E < 4.9 | 4.9 | 5.0 | 5.9 | 6.1 | 5.5 | 6.0 | 6.0 |
| E ≥ 4.9 | 4.9 | 5.0 | 5.8 | 6.0 | 5.5 | 6.0 | 5.9 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 43 < Assembly Average Burnup ≤ 44 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 5.9 | 6.0 | 7.1 | 7.4 | 6.6 | 7.2 | 7.2 |
| 2.7 ≤ E < 2.9 | 5.8 | 5.9 | 7.0 | 7.3 | 6.5 | 7.0 | 7.0 |
| 2.9 ≤ E < 3.1 | 5.7 | 5.8 | 6.9 | 7.1 | 6.4 | 6.9 | 6.9 |
| 3.1 ≤ E < 3.3 | 5.6 | 5.8 | 6.8 | 7.0 | 6.2 | 6.8 | 6.8 |
| 3.3 ≤ E < 3.5 | 5.5 | 5.7 | 6.7 | 6.9 | 6.1 | 6.8 | 6.7 |
| 3.5 ≤ E < 3.7 | 5.5 | 5.6 | 6.6 | 6.8 | 6.0 | 6.7 | 6.7 |
| 3.7 ≤ E < 3.9 | 5.4 | 5.6 | 6.5 | 6.8 | 6.0 | 6.6 | 6.6 |
| 3.9 ≤ E < 4.1 | 5.3 | 5.5 | 6.4 | 6.7 | 5.9 | 6.5 | 6.5 |
| 4.1 ≤ E < 4.3 | 5.3 | 5.4 | 6.3 | 6.6 | 5.9 | 6.4 | 6.4 |
| 4.3 ≤ E < 4.5 | 5.2 | 5.4 | 6.2 | 6.5 | 5.8 | 6.4 | 6.4 |
| 4.5 ≤ E < 4.7 | 5.1 | 5.3 | 6.2 | 6.5 | 5.8 | 6.3 | 6.3 |
| 4.7 ≤ E < 4.9 | 5.1 | 5.3 | 6.1 | 6.4 | 5.7 | 6.2 | 6.2 |
| E ≥ 4.9 | 5.0 | 5.2 | 6.0 | 6.3 | 5.7 | 6.2 | 6.2 |

Table B2-15 Loading Table for PWR Fuel – 959 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 44 < Assembly Average Burnup ≤ 45 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 6.0 | 6.2 | 7.3 | 7.7 | 6.7 | 7.4 | 7.4 |
| 2.9 ≤ E < 3.1 | 5.9 | 6.0 | 7.2 | 7.6 | 6.6 | 7.3 | 7.3 |
| 3.1 ≤ E < 3.3 | 5.8 | 6.0 | 7.0 | 7.4 | 6.5 | 7.2 | 7.1 |
| 3.3 ≤ E < 3.5 | 5.7 | 5.9 | 6.9 | 7.3 | 6.4 | 7.0 | 7.0 |
| 3.5 ≤ E < 3.7 | 5.7 | 5.8 | 6.8 | 7.2 | 6.3 | 6.9 | 6.9 |
| 3.7 ≤ E < 3.9 | 5.6 | 5.8 | 6.8 | 7.0 | 6.2 | 6.9 | 6.9 |
| 3.9 ≤ E < 4.1 | 5.5 | 5.7 | 6.7 | 7.0 | 6.2 | 6.8 | 6.8 |
| 4.1 ≤ E < 4.3 | 5.5 | 5.6 | 6.6 | 6.9 | 6.1 | 6.7 | 6.7 |
| 4.3 ≤ E < 4.5 | 5.4 | 5.6 | 6.5 | 6.8 | 6.0 | 6.7 | 6.6 |
| 4.5 ≤ E < 4.7 | 5.3 | 5.5 | 6.5 | 6.7 | 6.0 | 6.6 | 6.6 |
| 4.7 ≤ E < 4.9 | 5.3 | 5.5 | 6.4 | 6.7 | 5.9 | 6.5 | 6.5 |
| E ≥ 4.9 | 5.2 | 5.4 | 6.3 | 6.6 | 5.9 | 6.5 | 6.5 |

Note: For fuel assembly average burnup greater than 45 GWd/MTU, cool time tables have been revised to account for a 5% margin in heat load.

Table B2-16 Loading Table for PWR Fuel – 911 W/Assembly

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 45 < Assembly Average Burnup ≤ 46 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 6.7 | 6.9 | 8.5 | 9.0 | 7.7 | 8.6 | 8.6 |
| 2.9 ≤ E < 3.1 | 6.6 | 6.8 | 8.3 | 8.8 | 7.5 | 8.4 | 8.4 |
| 3.1 ≤ E < 3.3 | 6.5 | 6.7 | 8.1 | 8.6 | 7.4 | 8.2 | 8.2 |
| 3.3 ≤ E < 3.5 | 6.4 | 6.6 | 8.0 | 8.5 | 7.3 | 8.1 | 8.1 |
| 3.5 ≤ E < 3.7 | 6.3 | 6.5 | 7.8 | 8.3 | 7.1 | 8.0 | 7.9 |
| 3.7 ≤ E < 3.9 | 6.2 | 6.4 | 7.7 | 8.2 | 7.0 | 7.8 | 7.8 |
| 3.9 ≤ E < 4.1 | 6.1 | 6.3 | 7.6 | 8.0 | 6.9 | 7.7 | 7.7 |
| 4.1 ≤ E < 4.3 | 6.0 | 6.2 | 7.5 | 7.9 | 6.9 | 7.7 | 7.6 |
| 4.3 ≤ E < 4.5 | 6.0 | 6.2 | 7.4 | 7.8 | 6.8 | 7.6 | 7.6 |
| 4.5 ≤ E < 4.7 | 5.9 | 6.1 | 7.3 | 7.8 | 6.7 | 7.5 | 7.5 |
| 4.7 ≤ E < 4.9 | 5.9 | 6.0 | 7.2 | 7.7 | 6.7 | 7.4 | 7.4 |
| E ≥ 4.9 | 5.8 | 6.0 | 7.2 | 7.6 | 6.6 | 7.3 | 7.3 |

Table B2-16 Loading Table for PWR Fuel – 911 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 46 < Assembly Average Burnup ≤ 47 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 7.0 | 7.3 | 9.0 | 9.6 | 8.0 | 9.1 | 9.1 |
| 2.9 ≤ E < 3.1 | 6.9 | 7.1 | 8.8 | 9.4 | 7.9 | 8.9 | 8.9 |
| 3.1 ≤ E < 3.3 | 6.8 | 7.0 | 8.6 | 9.2 | 7.8 | 8.7 | 8.7 |
| 3.3 ≤ E < 3.5 | 6.7 | 6.9 | 8.4 | 9.0 | 7.6 | 8.6 | 8.6 |
| 3.5 ≤ E < 3.7 | 6.6 | 6.8 | 8.3 | 8.8 | 7.5 | 8.4 | 8.4 |
| 3.7 ≤ E < 3.9 | 6.5 | 6.7 | 8.1 | 8.7 | 7.4 | 8.3 | 8.3 |
| 3.9 ≤ E < 4.1 | 6.4 | 6.6 | 8.0 | 8.5 | 7.3 | 8.1 | 8.1 |
| 4.1 ≤ E < 4.3 | 6.3 | 6.5 | 7.9 | 8.4 | 7.2 | 8.0 | 8.0 |
| 4.3 ≤ E < 4.5 | 6.2 | 6.5 | 7.8 | 8.3 | 7.1 | 7.9 | 7.9 |
| 4.5 ≤ E < 4.7 | 6.1 | 6.4 | 7.7 | 8.2 | 7.0 | 7.9 | 7.8 |
| 4.7 ≤ E < 4.9 | 6.0 | 6.3 | 7.6 | 8.1 | 6.9 | 7.8 | 7.8 |
| E ≥ 4.9 | 6.0 | 6.2 | 7.6 | 8.0 | 6.9 | 7.7 | 7.7 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 47 < Assembly Average Burnup ≤ 48 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 7.4 | 7.7 | 9.6 | 10.3 | 8.6 | 9.7 | 9.7 |
| 2.9 ≤ E < 3.1 | 7.2 | 7.6 | 9.4 | 10.0 | 8.4 | 9.5 | 9.5 |
| 3.1 ≤ E < 3.3 | 7.1 | 7.4 | 9.1 | 9.8 | 8.2 | 9.3 | 9.3 |
| 3.3 ≤ E < 3.5 | 7.0 | 7.2 | 8.9 | 9.6 | 8.0 | 9.1 | 9.0 |
| 3.5 ≤ E < 3.7 | 6.9 | 7.1 | 8.8 | 9.4 | 7.9 | 8.9 | 8.9 |
| 3.7 ≤ E < 3.9 | 6.7 | 7.0 | 8.6 | 9.2 | 7.8 | 8.8 | 8.7 |
| 3.9 ≤ E < 4.1 | 6.7 | 6.9 | 8.5 | 9.0 | 7.6 | 8.6 | 8.6 |
| 4.1 ≤ E < 4.3 | 6.6 | 6.8 | 8.4 | 8.9 | 7.6 | 8.5 | 8.5 |
| 4.3 ≤ E < 4.5 | 6.5 | 6.7 | 8.2 | 8.8 | 7.4 | 8.4 | 8.4 |
| 4.5 ≤ E < 4.7 | 6.4 | 6.7 | 8.1 | 8.7 | 7.4 | 8.3 | 8.3 |
| 4.7 ≤ E < 4.9 | 6.3 | 6.6 | 8.0 | 8.6 | 7.3 | 8.2 | 8.2 |
| E ≥ 4.9 | 6.2 | 6.5 | 7.9 | 8.5 | 7.2 | 8.1 | 8.1 |

Table B2-16 Loading Table for PWR Fuel – 911 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 48 < Assembly Average Burnup ≤ 49 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 7.8 | 8.1 | 10.2 | 11.1 | 9.0 | 10.4 | 10.4 |
| 2.9 ≤ E < 3.1 | 7.6 | 7.9 | 10.0 | 10.8 | 8.8 | 10.1 | 10.1 |
| 3.1 ≤ E < 3.3 | 7.5 | 7.8 | 9.7 | 10.5 | 8.6 | 9.9 | 9.8 |
| 3.3 ≤ E < 3.5 | 7.3 | 7.6 | 9.5 | 10.2 | 8.5 | 9.7 | 9.6 |
| 3.5 ≤ E < 3.7 | 7.2 | 7.5 | 9.3 | 10.0 | 8.3 | 9.5 | 9.4 |
| 3.7 ≤ E < 3.9 | 7.0 | 7.4 | 9.1 | 9.8 | 8.2 | 9.3 | 9.3 |
| 3.9 ≤ E < 4.1 | 6.9 | 7.2 | 9.0 | 9.6 | 8.0 | 9.1 | 9.1 |
| 4.1 ≤ E < 4.3 | 6.8 | 7.1 | 8.8 | 9.5 | 7.9 | 9.0 | 9.0 |
| 4.3 ≤ E < 4.5 | 6.8 | 7.0 | 8.7 | 9.3 | 7.8 | 8.9 | 8.9 |
| 4.5 ≤ E < 4.7 | 6.7 | 6.9 | 8.6 | 9.2 | 7.7 | 8.8 | 8.7 |
| 4.7 ≤ E < 4.9 | 6.6 | 6.9 | 8.5 | 9.1 | 7.6 | 8.7 | 8.6 |
| E ≥ 4.9 | 6.5 | 6.8 | 8.4 | 9.0 | 7.6 | 8.6 | 8.5 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 49 < Assembly Average Burnup ≤ 50 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 8.0 | 8.3 | 10.7 | 11.6 | 9.4 | 10.9 | 10.9 |
| 3.1 ≤ E < 3.3 | 7.8 | 8.1 | 10.4 | 11.3 | 9.1 | 10.6 | 10.6 |
| 3.3 ≤ E < 3.5 | 7.7 | 7.9 | 10.1 | 11.0 | 9.0 | 10.3 | 10.3 |
| 3.5 ≤ E < 3.7 | 7.5 | 7.8 | 9.9 | 10.8 | 8.8 | 10.0 | 10.0 |
| 3.7 ≤ E < 3.9 | 7.4 | 7.6 | 9.7 | 10.5 | 8.6 | 9.9 | 9.9 |
| 3.9 ≤ E < 4.1 | 7.3 | 7.5 | 9.5 | 10.3 | 8.5 | 9.7 | 9.7 |
| 4.1 ≤ E < 4.3 | 7.1 | 7.4 | 9.4 | 10.1 | 8.3 | 9.6 | 9.5 |
| 4.3 ≤ E < 4.5 | 7.0 | 7.3 | 9.2 | 9.9 | 8.2 | 9.4 | 9.4 |
| 4.5 ≤ E < 4.7 | 6.9 | 7.2 | 9.1 | 9.8 | 8.1 | 9.3 | 9.2 |
| 4.7 ≤ E < 4.9 | 6.9 | 7.1 | 9.0 | 9.6 | 8.0 | 9.1 | 9.1 |
| E ≥ 4.9 | 6.8 | 7.0 | 8.9 | 9.5 | 7.9 | 9.0 | 9.0 |

Table B2-16 Loading Table for PWR Fuel – 911 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 50 < Assembly Average Burnup ≤ 51 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 8.3 | 8.7 | 11.5 | 12.3 | 10.0 | 11.6 | 11.6 |
| 3.1 ≤ E < 3.3 | 8.0 | 8.5 | 11.2 | 12.0 | 9.8 | 11.3 | 11.3 |
| 3.3 ≤ E < 3.5 | 7.9 | 8.3 | 10.9 | 11.7 | 9.5 | 11.1 | 11.1 |
| 3.5 ≤ E < 3.7 | 7.8 | 8.1 | 10.6 | 11.5 | 9.3 | 10.8 | 10.8 |
| 3.7 ≤ E < 3.9 | 7.6 | 8.0 | 10.4 | 11.3 | 9.1 | 10.6 | 10.6 |
| 3.9 ≤ E < 4.1 | 7.5 | 7.9 | 10.1 | 11.1 | 9.0 | 10.4 | 10.4 |
| 4.1 ≤ E < 4.3 | 7.4 | 7.8 | 10.0 | 10.9 | 8.8 | 10.2 | 10.1 |
| 4.3 ≤ E < 4.5 | 7.3 | 7.6 | 9.8 | 10.6 | 8.7 | 10.0 | 10.0 |
| 4.5 ≤ E < 4.7 | 7.1 | 7.5 | 9.7 | 10.5 | 8.6 | 9.8 | 9.8 |
| 4.7 ≤ E < 4.9 | 7.0 | 7.4 | 9.5 | 10.3 | 8.5 | 9.7 | 9.7 |
| E ≥ 4.9 | 7.0 | 7.3 | 9.4 | 10.1 | 8.3 | 9.6 | 9.6 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 51 < Assembly Average Burnup ≤ 52 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 8.8 | 9.3 | 12.2 | 13.0 | 10.7 | 12.4 | 12.4 |
| 3.1 ≤ E < 3.3 | 8.5 | 9.0 | 11.9 | 12.6 | 10.4 | 12.1 | 12.0 |
| 3.3 ≤ E < 3.5 | 8.3 | 8.8 | 11.6 | 12.3 | 10.1 | 11.8 | 11.8 |
| 3.5 ≤ E < 3.7 | 8.1 | 8.6 | 11.4 | 11.9 | 9.9 | 11.6 | 11.5 |
| 3.7 ≤ E < 3.9 | 8.0 | 8.5 | 11.1 | 11.7 | 9.7 | 11.3 | 11.3 |
| 3.9 ≤ E < 4.1 | 7.9 | 8.3 | 10.9 | 11.5 | 9.5 | 11.1 | 11.1 |
| 4.1 ≤ E < 4.3 | 7.7 | 8.1 | 10.7 | 11.3 | 9.3 | 10.9 | 10.9 |
| 4.3 ≤ E < 4.5 | 7.6 | 8.0 | 10.5 | 11.1 | 9.2 | 10.7 | 10.7 |
| 4.5 ≤ E < 4.7 | 7.5 | 7.9 | 10.3 | 11.0 | 9.0 | 10.5 | 10.5 |
| 4.7 ≤ E < 4.9 | 7.4 | 7.8 | 10.1 | 10.8 | 8.9 | 10.3 | 10.3 |
| E ≥ 4.9 | 7.3 | 7.7 | 10.0 | 10.6 | 8.8 | 10.2 | 10.2 |

Table B2-16 Loading Table for PWR Fuel – 911 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 52 < Assembly Average Burnup ≤ 53 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 9.3 | 9.8 | 12.8 | 13.8 | 11.4 | 13.3 | 13.3 |
| 3.1 ≤ E < 3.3 | 9.0 | 9.6 | 12.4 | 13.5 | 11.2 | 13.0 | 13.0 |
| 3.3 ≤ E < 3.5 | 8.8 | 9.3 | 12.1 | 13.2 | 10.9 | 12.6 | 12.6 |
| 3.5 ≤ E < 3.7 | 8.6 | 9.1 | 11.8 | 12.8 | 10.6 | 12.3 | 12.3 |
| 3.7 ≤ E < 3.9 | 8.4 | 9.0 | 11.5 | 12.6 | 10.3 | 12.0 | 12.0 |
| 3.9 ≤ E < 4.1 | 8.2 | 8.8 | 11.3 | 12.3 | 10.1 | 11.8 | 11.8 |
| 4.1 ≤ E < 4.3 | 8.1 | 8.6 | 11.1 | 12.0 | 9.9 | 11.6 | 11.6 |
| 4.3 ≤ E < 4.5 | 8.0 | 8.5 | 10.9 | 11.8 | 9.7 | 11.4 | 11.4 |
| 4.5 ≤ E < 4.7 | 7.9 | 8.3 | 10.7 | 11.7 | 9.6 | 11.2 | 11.2 |
| 4.7 ≤ E < 4.9 | 7.8 | 8.2 | 10.6 | 11.5 | 9.4 | 11.1 | 11.0 |
| E ≥ 4.9 | 7.7 | 8.1 | 10.4 | 11.3 | 9.3 | 10.9 | 10.9 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 53 < Assembly Average Burnup ≤ 54 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 9.8 | 10.5 | 13.6 | 14.9 | 12.2 | 14.2 | 14.2 |
| 3.1 ≤ E < 3.3 | 9.6 | 10.2 | 13.3 | 14.4 | 11.8 | 13.8 | 13.8 |
| 3.3 ≤ E < 3.5 | 9.3 | 9.9 | 12.9 | 14.0 | 11.6 | 13.5 | 13.5 |
| 3.5 ≤ E < 3.7 | 9.1 | 9.7 | 12.6 | 13.7 | 11.3 | 13.2 | 13.2 |
| 3.7 ≤ E < 3.9 | 8.9 | 9.5 | 12.3 | 13.4 | 11.0 | 12.9 | 12.9 |
| 3.9 ≤ E < 4.1 | 8.7 | 9.3 | 12.0 | 13.2 | 10.8 | 12.6 | 12.6 |
| 4.1 ≤ E < 4.3 | 8.6 | 9.1 | 11.8 | 12.9 | 10.6 | 12.4 | 12.4 |
| 4.3 ≤ E < 4.5 | 8.4 | 8.9 | 11.6 | 12.6 | 10.4 | 12.1 | 12.1 |
| 4.5 ≤ E < 4.7 | 8.3 | 8.8 | 11.4 | 12.4 | 10.1 | 11.9 | 11.9 |
| 4.7 ≤ E < 4.9 | 8.1 | 8.7 | 11.3 | 12.2 | 10.0 | 11.8 | 11.7 |
| E ≥ 4.9 | 8.0 | 8.8 | 11.1 | 12.0 | 9.9 | 11.6 | 11.6 |

Table B2-16 Loading Table for PWR Fuel – 911 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 54 < Assembly Average Burnup ≤ 55 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 10.1 | 10.9 | 14.1 | 15.4 | 12.7 | 14.8 | 14.8 |
| 3.3 ≤ E < 3.5 | 9.9 | 10.6 | 13.8 | 15.0 | 12.3 | 14.4 | 14.4 |
| 3.5 ≤ E < 3.7 | 9.6 | 10.3 | 13.5 | 14.7 | 12.0 | 14.0 | 14.0 |
| 3.7 ≤ E < 3.9 | 9.4 | 10.1 | 13.1 | 14.3 | 11.8 | 13.8 | 13.8 |
| 3.9 ≤ E < 4.1 | 9.2 | 9.8 | 12.9 | 14.0 | 11.5 | 13.5 | 13.5 |
| 4.1 ≤ E < 4.3 | 9.0 | 9.7 | 12.6 | 13.8 | 11.3 | 13.3 | 13.2 |
| 4.3 ≤ E < 4.5 | 8.9 | 9.5 | 12.3 | 13.5 | 11.1 | 13.0 | 13.0 |
| 4.5 ≤ E < 4.7 | 8.7 | 9.3 | 12.1 | 13.3 | 10.9 | 12.8 | 12.7 |
| 4.7 ≤ E < 4.9 | 8.6 | 9.1 | 11.9 | 13.1 | 10.7 | 12.6 | 12.5 |
| E ≥ 4.9 | 8.5 | 9.0 | 11.7 | 12.9 | 10.5 | 12.3 | 12.3 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 55 < Assembly Average Burnup ≤ 56 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 10.9 | 11.6 | 15.1 | 16.5 | 13.1 | 15.8 | 15.8 |
| 3.3 ≤ E < 3.5 | 10.5 | 11.3 | 14.7 | 16.0 | 12.8 | 15.4 | 15.4 |
| 3.5 ≤ E < 3.7 | 10.2 | 11.0 | 14.3 | 15.7 | 12.4 | 15.1 | 15.0 |
| 3.7 ≤ E < 3.9 | 9.9 | 10.8 | 14.0 | 15.3 | 12.1 | 14.7 | 14.7 |
| 3.9 ≤ E < 4.1 | 9.7 | 10.5 | 13.7 | 15.0 | 11.9 | 14.4 | 14.4 |
| 4.1 ≤ E < 4.3 | 9.5 | 10.2 | 13.4 | 14.7 | 11.7 | 14.1 | 14.1 |
| 4.3 ≤ E < 4.5 | 9.3 | 10.0 | 13.2 | 14.5 | 11.4 | 13.8 | 13.8 |
| 4.5 ≤ E < 4.7 | 9.2 | 9.9 | 12.9 | 14.2 | 11.2 | 13.6 | 13.6 |
| 4.7 ≤ E < 4.9 | 9.0 | 9.7 | 12.7 | 13.9 | 11.1 | 13.4 | 13.4 |
| E ≥ 4.9 | 8.9 | 9.5 | 12.5 | 13.8 | 10.9 | 13.2 | 13.2 |

Table B2-16 Loading Table for PWR Fuel – 911 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 56 < Assembly Average Burnup ≤ 57 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 11.5 | 12.3 | 16.0 | 17.4 | 14.0 | 16.8 | 16.8 |
| 3.3 ≤ E < 3.5 | 11.2 | 12.0 | 15.6 | 17.1 | 13.6 | 16.4 | 16.4 |
| 3.5 ≤ E < 3.7 | 10.9 | 11.7 | 15.3 | 16.7 | 13.3 | 16.0 | 16.0 |
| 3.7 ≤ E < 3.9 | 10.6 | 11.4 | 14.9 | 16.3 | 13.0 | 15.7 | 15.6 |
| 3.9 ≤ E < 4.1 | 10.3 | 11.2 | 14.6 | 16.0 | 12.6 | 15.4 | 15.3 |
| 4.1 ≤ E < 4.3 | 10.1 | 10.9 | 14.2 | 15.7 | 12.4 | 15.1 | 15.1 |
| 4.3 ≤ E < 4.5 | 9.9 | 10.7 | 14.0 | 15.4 | 12.1 | 14.8 | 14.8 |
| 4.5 ≤ E < 4.7 | 9.7 | 10.5 | 13.8 | 15.2 | 11.9 | 14.5 | 14.5 |
| 4.7 ≤ E < 4.9 | 9.5 | 10.3 | 13.6 | 14.9 | 11.7 | 14.2 | 14.2 |
| E ≥ 4.9 | 9.4 | 10.1 | 13.4 | 14.7 | 11.5 | 14.0 | 14.0 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 57 < Assembly Average Burnup ≤ 58 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 12.2 | 13.2 | 17.0 | 18.5 | 14.9 | 17.8 | 17.7 |
| 3.3 ≤ E < 3.5 | 11.9 | 12.8 | 16.7 | 18.1 | 14.5 | 17.4 | 17.4 |
| 3.5 ≤ E < 3.7 | 11.6 | 12.4 | 16.2 | 17.7 | 14.1 | 17.0 | 17.0 |
| 3.7 ≤ E < 3.9 | 11.3 | 12.1 | 15.9 | 17.3 | 13.8 | 16.7 | 16.6 |
| 3.9 ≤ E < 4.1 | 11.0 | 11.9 | 15.6 | 17.0 | 13.5 | 16.3 | 16.3 |
| 4.1 ≤ E < 4.3 | 10.7 | 11.6 | 15.3 | 16.7 | 13.2 | 16.0 | 16.0 |
| 4.3 ≤ E < 4.5 | 10.5 | 11.4 | 15.0 | 16.4 | 12.9 | 15.7 | 15.7 |
| 4.5 ≤ E < 4.7 | 10.3 | 11.2 | 14.7 | 16.1 | 12.7 | 15.5 | 15.4 |
| 4.7 ≤ E < 4.9 | 10.0 | 10.9 | 14.4 | 15.8 | 12.4 | 15.2 | 15.2 |
| E ≥ 4.9 | 9.9 | 10.8 | 14.2 | 15.6 | 12.2 | 15.0 | 14.9 |

Table B2-16 Loading Table for PWR Fuel – 911 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 58 < Assembly Average Burnup ≤ 59 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 13.0 | 14.0 | 18.0 | 19.5 | 15.8 | 18.8 | 18.8 |
| 3.3 ≤ E < 3.5 | 12.6 | 13.6 | 17.6 | 19.1 | 15.4 | 18.4 | 18.4 |
| 3.5 ≤ E < 3.7 | 12.2 | 13.3 | 17.2 | 18.7 | 15.0 | 18.0 | 18.0 |
| 3.7 ≤ E < 3.9 | 11.9 | 12.9 | 16.9 | 18.3 | 14.6 | 17.7 | 17.7 |
| 3.9 ≤ E < 4.1 | 11.6 | 12.6 | 16.5 | 18.0 | 14.3 | 17.4 | 17.3 |
| 4.1 ≤ E < 4.3 | 11.4 | 12.3 | 16.2 | 17.7 | 14.0 | 17.0 | 17.0 |
| 4.3 ≤ E < 4.5 | 11.1 | 12.0 | 15.9 | 17.4 | 13.7 | 16.7 | 16.7 |
| 4.5 ≤ E < 4.7 | 10.9 | 11.8 | 15.6 | 17.1 | 13.5 | 16.4 | 16.4 |
| 4.7 ≤ E < 4.9 | 10.7 | 11.6 | 15.4 | 16.8 | 13.2 | 16.1 | 16.1 |
| E ≥ 4.9 | 10.5 | 11.4 | 15.1 | 16.6 | 13.0 | 15.9 | 15.9 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 59 < Assembly Average Burnup ≤ 60 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | - | - | - | - | - | - | - |
| 3.3 ≤ E < 3.5 | 13.4 | 14.4 | 18.6 | 20.1 | 16.3 | 19.0 | 19.0 |
| 3.5 ≤ E < 3.7 | 13.0 | 14.1 | 18.2 | 19.7 | 15.9 | 18.6 | 18.5 |
| 3.7 ≤ E < 3.9 | 12.7 | 13.7 | 17.8 | 19.4 | 15.5 | 18.2 | 18.1 |
| 3.9 ≤ E < 4.1 | 12.3 | 13.4 | 17.5 | 19.0 | 15.2 | 17.9 | 17.8 |
| 4.1 ≤ E < 4.3 | 12.0 | 13.1 | 17.1 | 18.7 | 14.9 | 17.5 | 17.5 |
| 4.3 ≤ E < 4.5 | 11.8 | 12.8 | 16.8 | 18.4 | 14.6 | 17.2 | 17.2 |
| 4.5 ≤ E < 4.7 | 11.6 | 12.6 | 16.5 | 18.0 | 14.3 | 16.9 | 16.9 |
| 4.7 ≤ E < 4.9 | 11.3 | 12.3 | 16.2 | 17.8 | 14.0 | 16.6 | 16.6 |
| E ≥ 4.9 | 11.2 | 12.1 | 16.0 | 17.6 | 13.8 | 16.4 | 16.3 |

Table B2-17 Loading Table for PWR Fuel – 1,200 W/Assembly

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 30 < Assembly Average Burnup ≤ 32.5 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------------|-------------|--------------|-------------|-------------|--------------|
| | CE 14×14 | WE 14×14 | WE 15×15 | B&W 15×15 | CE 16×16 | WE 17×17 | B&W 17×17 |
| 2.1 ≤ E < 2.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 2.3 ≤ E < 2.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 2.5 ≤ E < 2.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 2.7 ≤ E < 2.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 2.9 ≤ E < 3.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.1 ≤ E < 3.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.3 ≤ E < 3.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.5 ≤ E < 3.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.7 ≤ E < 3.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.9 ≤ E < 4.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| E ≥ 4.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 32.5 < Assembly Average Burnup ≤ 35 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE 14×14 | WE 14×14 | WE 15×15 | B&W 15×15 | CE 16×16 | WE 17×17 | B&W 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | 4.0 | 4.0 | 4.0 | 4.1 | 4.0 | 4.1 | 4.1 |
| 2.5 ≤ E < 2.7 | 4.0 | 4.0 | 4.0 | 4.1 | 4.0 | 4.0 | 4.0 |
| 2.7 ≤ E < 2.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 2.9 ≤ E < 3.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.1 ≤ E < 3.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.3 ≤ E < 3.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.5 ≤ E < 3.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.7 ≤ E < 3.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.9 ≤ E < 4.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| E ≥ 4.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |

Table B2-17 Loading Table for PWR Fuel – 1,200 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 35 < Assembly Average Burnup ≤ 37.5 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | 4.0 | 4.0 | 4.3 | 4.4 | 4.2 | 4.4 | 4.4 |
| 2.5 ≤ E < 2.7 | 4.0 | 4.0 | 4.3 | 4.4 | 4.1 | 4.4 | 4.4 |
| 2.7 ≤ E < 2.9 | 4.0 | 4.0 | 4.2 | 4.3 | 4.1 | 4.3 | 4.3 |
| 2.9 ≤ E < 3.1 | 4.0 | 4.0 | 4.2 | 4.3 | 4.0 | 4.3 | 4.3 |
| 3.1 ≤ E < 3.3 | 4.0 | 4.0 | 4.1 | 4.2 | 4.0 | 4.2 | 4.2 |
| 3.3 ≤ E < 3.5 | 4.0 | 4.0 | 4.1 | 4.2 | 4.0 | 4.2 | 4.2 |
| 3.5 ≤ E < 3.7 | 4.0 | 4.0 | 4.0 | 4.2 | 4.0 | 4.2 | 4.2 |
| 3.7 ≤ E < 3.9 | 4.0 | 4.0 | 4.0 | 4.1 | 4.0 | 4.1 | 4.1 |
| 3.9 ≤ E < 4.1 | 4.0 | 4.0 | 4.0 | 4.1 | 4.0 | 4.1 | 4.1 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| E ≥ 4.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 37.5 < Assembly Average Burnup ≤ 40 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 4.0 | 4.1 | 4.6 | 4.8 | 4.4 | 4.7 | 4.7 |
| 2.7 ≤ E < 2.9 | 4.0 | 4.0 | 4.6 | 4.7 | 4.4 | 4.7 | 4.7 |
| 2.9 ≤ E < 3.1 | 4.0 | 4.0 | 4.5 | 4.6 | 4.3 | 4.6 | 4.6 |
| 3.1 ≤ E < 3.3 | 4.0 | 4.0 | 4.5 | 4.6 | 4.3 | 4.5 | 4.5 |
| 3.3 ≤ E < 3.5 | 4.0 | 4.0 | 4.4 | 4.5 | 4.2 | 4.5 | 4.5 |
| 3.5 ≤ E < 3.7 | 4.0 | 4.0 | 4.4 | 4.5 | 4.2 | 4.5 | 4.4 |
| 3.7 ≤ E < 3.9 | 4.0 | 4.0 | 4.3 | 4.4 | 4.1 | 4.4 | 4.4 |
| 3.9 ≤ E < 4.1 | 4.0 | 4.0 | 4.3 | 4.4 | 4.1 | 4.4 | 4.4 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.0 | 4.2 | 4.3 | 4.1 | 4.3 | 4.3 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.0 | 4.2 | 4.3 | 4.0 | 4.3 | 4.3 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.0 | 4.2 | 4.3 | 4.0 | 4.3 | 4.3 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.0 | 4.1 | 4.3 | 4.0 | 4.3 | 4.3 |
| E ≥ 4.9 | 4.0 | 4.0 | 4.1 | 4.2 | 4.0 | 4.2 | 4.2 |

Table B2-17 Loading Table for PWR Fuel – 1,200 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 40 < Assembly Average Burnup ≤ 41 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 4.2 | 4.2 | 4.8 | 4.9 | 4.5 | 4.9 | 4.9 |
| 2.7 ≤ E < 2.9 | 4.1 | 4.2 | 4.7 | 4.8 | 4.5 | 4.8 | 4.8 |
| 2.9 ≤ E < 3.1 | 4.0 | 4.1 | 4.7 | 4.8 | 4.4 | 4.8 | 4.7 |
| 3.1 ≤ E < 3.3 | 4.0 | 4.1 | 4.6 | 4.7 | 4.4 | 4.7 | 4.7 |
| 3.3 ≤ E < 3.5 | 4.0 | 4.0 | 4.5 | 4.7 | 4.4 | 4.6 | 4.6 |
| 3.5 ≤ E < 3.7 | 4.0 | 4.0 | 4.5 | 4.6 | 4.3 | 4.6 | 4.6 |
| 3.7 ≤ E < 3.9 | 4.0 | 4.0 | 4.4 | 4.5 | 4.2 | 4.5 | 4.5 |
| 3.9 ≤ E < 4.1 | 4.0 | 4.0 | 4.4 | 4.5 | 4.2 | 4.5 | 4.5 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.0 | 4.4 | 4.5 | 4.2 | 4.5 | 4.5 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.0 | 4.3 | 4.4 | 4.1 | 4.4 | 4.4 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.0 | 4.3 | 4.4 | 4.1 | 4.4 | 4.4 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.0 | 4.3 | 4.4 | 4.1 | 4.4 | 4.4 |
| E ≥ 4.9 | 4.0 | 4.0 | 4.2 | 4.3 | 4.0 | 4.4 | 4.3 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 41 < Assembly Average Burnup ≤ 42 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 4.3 | 4.4 | 4.9 | 5.1 | 4.7 | 5.0 | 5.0 |
| 2.7 ≤ E < 2.9 | 4.2 | 4.3 | 4.9 | 5.0 | 4.6 | 5.0 | 5.0 |
| 2.9 ≤ E < 3.1 | 4.2 | 4.2 | 4.8 | 4.9 | 4.6 | 4.9 | 4.9 |
| 3.1 ≤ E < 3.3 | 4.1 | 4.2 | 4.7 | 4.9 | 4.5 | 4.8 | 4.8 |
| 3.3 ≤ E < 3.5 | 4.0 | 4.1 | 4.7 | 4.8 | 4.5 | 4.8 | 4.8 |
| 3.5 ≤ E < 3.7 | 4.0 | 4.1 | 4.6 | 4.8 | 4.4 | 4.7 | 4.7 |
| 3.7 ≤ E < 3.9 | 4.0 | 4.1 | 4.6 | 4.7 | 4.4 | 4.7 | 4.7 |
| 3.9 ≤ E < 4.1 | 4.0 | 4.0 | 4.5 | 4.6 | 4.3 | 4.6 | 4.6 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.0 | 4.5 | 4.6 | 4.3 | 4.6 | 4.6 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.0 | 4.4 | 4.6 | 4.3 | 4.5 | 4.5 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.0 | 4.4 | 4.5 | 4.2 | 4.5 | 4.5 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.0 | 4.4 | 4.5 | 4.2 | 4.5 | 4.5 |
| E ≥ 4.9 | 4.0 | 4.0 | 4.3 | 4.5 | 4.2 | 4.5 | 4.5 |

Table B2-17 Loading Table for PWR Fuel – 1,200 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 42 < Assembly Average Burnup ≤ 43 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 4.4 | 4.5 | 5.1 | 5.3 | 4.9 | 5.2 | 5.2 |
| 2.7 ≤ E < 2.9 | 4.4 | 4.4 | 5.0 | 5.2 | 4.8 | 5.1 | 5.1 |
| 2.9 ≤ E < 3.1 | 4.3 | 4.4 | 5.0 | 5.1 | 4.7 | 5.0 | 5.0 |
| 3.1 ≤ E < 3.3 | 4.2 | 4.3 | 4.9 | 5.0 | 4.7 | 5.0 | 5.0 |
| 3.3 ≤ E < 3.5 | 4.2 | 4.3 | 4.8 | 5.0 | 4.6 | 4.9 | 4.9 |
| 3.5 ≤ E < 3.7 | 4.1 | 4.2 | 4.8 | 4.9 | 4.5 | 4.9 | 4.9 |
| 3.7 ≤ E < 3.9 | 4.1 | 4.2 | 4.7 | 4.9 | 4.5 | 4.8 | 4.8 |
| 3.9 ≤ E < 4.1 | 4.0 | 4.1 | 4.7 | 4.8 | 4.4 | 4.8 | 4.8 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.1 | 4.6 | 4.8 | 4.4 | 4.7 | 4.7 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.0 | 4.6 | 4.7 | 4.4 | 4.7 | 4.7 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.0 | 4.5 | 4.7 | 4.3 | 4.7 | 4.6 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.0 | 4.5 | 4.6 | 4.3 | 4.6 | 4.6 |
| E ≥ 4.9 | 4.0 | 4.0 | 4.4 | 4.6 | 4.3 | 4.6 | 4.5 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 43 < Assembly Average Burnup ≤ 44 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 4.5 | 4.6 | 5.3 | 5.5 | 5.0 | 5.4 | 5.4 |
| 2.7 ≤ E < 2.9 | 4.5 | 4.6 | 5.2 | 5.4 | 4.9 | 5.3 | 5.3 |
| 2.9 ≤ E < 3.1 | 4.4 | 4.5 | 5.1 | 5.3 | 4.9 | 5.2 | 5.2 |
| 3.1 ≤ E < 3.3 | 4.4 | 4.4 | 5.0 | 5.2 | 4.8 | 5.2 | 5.2 |
| 3.3 ≤ E < 3.5 | 4.3 | 4.4 | 5.0 | 5.1 | 4.7 | 5.1 | 5.1 |
| 3.5 ≤ E < 3.7 | 4.2 | 4.3 | 4.9 | 5.1 | 4.7 | 5.0 | 5.0 |
| 3.7 ≤ E < 3.9 | 4.2 | 4.3 | 4.9 | 5.0 | 4.6 | 5.0 | 5.0 |
| 3.9 ≤ E < 4.1 | 4.1 | 4.3 | 4.8 | 5.0 | 4.6 | 4.9 | 4.9 |
| 4.1 ≤ E < 4.3 | 4.1 | 4.2 | 4.8 | 4.9 | 4.5 | 4.9 | 4.9 |
| 4.3 ≤ E < 4.5 | 4.1 | 4.2 | 4.7 | 4.9 | 4.5 | 4.8 | 4.8 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.2 | 4.7 | 4.8 | 4.5 | 4.8 | 4.8 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.1 | 4.6 | 4.8 | 4.4 | 4.8 | 4.7 |
| E ≥ 4.9 | 4.0 | 4.1 | 4.6 | 4.8 | 4.4 | 4.7 | 4.7 |

Table B2-17 Loading Table for PWR Fuel – 1,200 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 44 < Assembly Average Burnup ≤ 45 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 4.6 | 4.7 | 5.4 | 5.6 | 5.1 | 5.5 | 5.5 |
| 2.9 ≤ E < 3.1 | 4.5 | 4.6 | 5.3 | 5.5 | 5.0 | 5.4 | 5.4 |
| 3.1 ≤ E < 3.3 | 4.5 | 4.6 | 5.2 | 5.4 | 4.9 | 5.4 | 5.4 |
| 3.3 ≤ E < 3.5 | 4.4 | 4.5 | 5.2 | 5.4 | 4.9 | 5.3 | 5.3 |
| 3.5 ≤ E < 3.7 | 4.4 | 4.5 | 5.1 | 5.3 | 4.8 | 5.2 | 5.2 |
| 3.7 ≤ E < 3.9 | 4.3 | 4.4 | 5.0 | 5.2 | 4.8 | 5.1 | 5.1 |
| 3.9 ≤ E < 4.1 | 4.3 | 4.4 | 5.0 | 5.1 | 4.7 | 5.1 | 5.1 |
| 4.1 ≤ E < 4.3 | 4.2 | 4.3 | 4.9 | 5.1 | 4.7 | 5.0 | 5.0 |
| 4.3 ≤ E < 4.5 | 4.2 | 4.3 | 4.9 | 5.0 | 4.6 | 5.0 | 5.0 |
| 4.5 ≤ E < 4.7 | 4.1 | 4.2 | 4.8 | 5.0 | 4.6 | 4.9 | 4.9 |
| 4.7 ≤ E < 4.9 | 4.1 | 4.2 | 4.8 | 4.9 | 4.5 | 4.9 | 4.9 |
| E ≥ 4.9 | 4.0 | 4.2 | 4.7 | 4.9 | 4.5 | 4.9 | 4.8 |

Note: For fuel assembly average burnup greater than 45 GWd/MTU, cool time tables have been revised to account for a 5% margin in heat load.

Table B2-18 Loading Table for PWR Fuel – 1,140 W/Assembly

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 45 < Assembly Average Burnup ≤ 46 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 5.0 | 5.2 | 6.0 | 6.2 | 5.6 | 6.0 | 6.0 |
| 2.9 ≤ E < 3.1 | 5.0 | 5.1 | 5.9 | 6.0 | 5.5 | 6.0 | 6.0 |
| 3.1 ≤ E < 3.3 | 4.9 | 5.0 | 5.8 | 6.0 | 5.5 | 5.9 | 5.9 |
| 3.3 ≤ E < 3.5 | 4.8 | 4.9 | 5.7 | 5.9 | 5.4 | 5.8 | 5.8 |
| 3.5 ≤ E < 3.7 | 4.8 | 4.9 | 5.6 | 5.8 | 5.3 | 5.7 | 5.7 |
| 3.7 ≤ E < 3.9 | 4.7 | 4.8 | 5.6 | 5.8 | 5.2 | 5.7 | 5.7 |
| 3.9 ≤ E < 4.1 | 4.6 | 4.8 | 5.5 | 5.7 | 5.1 | 5.6 | 5.6 |
| 4.1 ≤ E < 4.3 | 4.6 | 4.7 | 5.4 | 5.6 | 5.1 | 5.5 | 5.6 |
| 4.3 ≤ E < 4.5 | 4.5 | 4.6 | 5.4 | 5.6 | 5.0 | 5.5 | 5.5 |
| 4.5 ≤ E < 4.7 | 4.5 | 4.6 | 5.3 | 5.5 | 5.0 | 5.4 | 5.4 |
| 4.7 ≤ E < 4.9 | 4.4 | 4.6 | 5.3 | 5.5 | 4.9 | 5.4 | 5.4 |
| E ≥ 4.9 | 4.4 | 4.5 | 5.2 | 5.4 | 4.9 | 5.4 | 5.3 |

Table B2-18 Loading Table for PWR Fuel – 1,140 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 46 < Assembly Average Burnup ≤ 47 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 5.2 | 5.4 | 6.2 | 6.5 | 5.8 | 6.3 | 6.3 |
| 2.9 ≤ E < 3.1 | 5.1 | 5.3 | 6.1 | 6.4 | 5.7 | 6.2 | 6.2 |
| 3.1 ≤ E < 3.3 | 5.0 | 5.2 | 6.0 | 6.2 | 5.6 | 6.1 | 6.1 |
| 3.3 ≤ E < 3.5 | 5.0 | 5.1 | 5.9 | 6.1 | 5.6 | 6.0 | 6.0 |
| 3.5 ≤ E < 3.7 | 4.9 | 5.0 | 5.8 | 6.0 | 5.5 | 5.9 | 5.9 |
| 3.7 ≤ E < 3.9 | 4.8 | 5.0 | 5.8 | 6.0 | 5.4 | 5.9 | 5.9 |
| 3.9 ≤ E < 4.1 | 4.8 | 4.9 | 5.7 | 5.9 | 5.3 | 5.8 | 5.8 |
| 4.1 ≤ E < 4.3 | 4.7 | 4.8 | 5.6 | 5.8 | 5.3 | 5.8 | 5.7 |
| 4.3 ≤ E < 4.5 | 4.7 | 4.8 | 5.6 | 5.8 | 5.2 | 5.7 | 5.7 |
| 4.5 ≤ E < 4.7 | 4.6 | 4.7 | 5.5 | 5.7 | 5.2 | 5.6 | 5.6 |
| 4.7 ≤ E < 4.9 | 4.6 | 4.7 | 5.5 | 5.7 | 5.1 | 5.6 | 5.6 |
| E ≥ 4.9 | 4.5 | 4.7 | 5.4 | 5.6 | 5.0 | 5.5 | 5.5 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 47 < Assembly Average Burnup ≤ 48 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 5.4 | 5.6 | 6.5 | 6.8 | 6.0 | 6.6 | 6.6 |
| 2.9 ≤ E < 3.1 | 5.3 | 5.5 | 6.4 | 6.6 | 5.9 | 6.5 | 6.5 |
| 3.1 ≤ E < 3.3 | 5.2 | 5.4 | 6.2 | 6.5 | 5.8 | 6.4 | 6.4 |
| 3.3 ≤ E < 3.5 | 5.1 | 5.3 | 6.1 | 6.4 | 5.8 | 6.2 | 6.2 |
| 3.5 ≤ E < 3.7 | 5.0 | 5.2 | 6.0 | 6.3 | 5.7 | 6.2 | 6.1 |
| 3.7 ≤ E < 3.9 | 5.0 | 5.1 | 5.9 | 6.2 | 5.6 | 6.0 | 6.0 |
| 3.9 ≤ E < 4.1 | 4.9 | 5.0 | 5.9 | 6.1 | 5.5 | 6.0 | 6.0 |
| 4.1 ≤ E < 4.3 | 4.9 | 5.0 | 5.8 | 6.0 | 5.5 | 5.9 | 5.9 |
| 4.3 ≤ E < 4.5 | 4.8 | 4.9 | 5.8 | 6.0 | 5.4 | 5.9 | 5.9 |
| 4.5 ≤ E < 4.7 | 4.8 | 4.9 | 5.7 | 5.9 | 5.3 | 5.8 | 5.8 |
| 4.7 ≤ E < 4.9 | 4.7 | 4.9 | 5.7 | 5.8 | 5.3 | 5.8 | 5.8 |
| E ≥ 4.9 | 4.7 | 4.8 | 5.6 | 5.8 | 5.2 | 5.7 | 5.7 |

Table B2-18 Loading Table for PWR Fuel – 1,140 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 48 < Assembly Average Burnup ≤ 49 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 5.6 | 5.8 | 6.8 | 7.0 | 6.3 | 6.9 | 6.9 |
| 2.9 ≤ E < 3.1 | 5.5 | 5.7 | 6.7 | 6.9 | 6.1 | 6.8 | 6.7 |
| 3.1 ≤ E < 3.3 | 5.4 | 5.6 | 6.5 | 6.8 | 6.0 | 6.6 | 6.6 |
| 3.3 ≤ E < 3.5 | 5.3 | 5.5 | 6.4 | 6.7 | 5.9 | 6.5 | 6.5 |
| 3.5 ≤ E < 3.7 | 5.2 | 5.4 | 6.3 | 6.6 | 5.9 | 6.4 | 6.4 |
| 3.7 ≤ E < 3.9 | 5.2 | 5.3 | 6.2 | 6.5 | 5.8 | 6.3 | 6.3 |
| 3.9 ≤ E < 4.1 | 5.1 | 5.2 | 6.1 | 6.4 | 5.7 | 6.2 | 6.2 |
| 4.1 ≤ E < 4.3 | 5.0 | 5.2 | 6.0 | 6.3 | 5.7 | 6.1 | 6.1 |
| 4.3 ≤ E < 4.5 | 5.0 | 5.1 | 5.9 | 6.2 | 5.6 | 6.0 | 6.0 |
| 4.5 ≤ E < 4.7 | 4.9 | 5.0 | 5.9 | 6.1 | 5.5 | 6.0 | 6.0 |
| 4.7 ≤ E < 4.9 | 4.8 | 5.0 | 5.8 | 6.0 | 5.5 | 5.9 | 5.9 |
| E ≥ 4.9 | 4.8 | 4.9 | 5.8 | 6.0 | 5.4 | 5.9 | 5.9 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 49 < Assembly Average Burnup ≤ 50 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 5.7 | 5.8 | 6.9 | 7.3 | 6.4 | 7.0 | 7.0 |
| 3.1 ≤ E < 3.3 | 5.6 | 5.7 | 6.8 | 7.1 | 6.3 | 6.9 | 6.9 |
| 3.3 ≤ E < 3.5 | 5.5 | 5.6 | 6.7 | 7.0 | 6.2 | 6.8 | 6.8 |
| 3.5 ≤ E < 3.7 | 5.4 | 5.5 | 6.6 | 6.9 | 6.0 | 6.7 | 6.7 |
| 3.7 ≤ E < 3.9 | 5.4 | 5.5 | 6.5 | 6.8 | 6.0 | 6.6 | 6.6 |
| 3.9 ≤ E < 4.1 | 5.3 | 5.4 | 6.4 | 6.7 | 5.9 | 6.5 | 6.5 |
| 4.1 ≤ E < 4.3 | 5.2 | 5.3 | 6.3 | 6.6 | 5.8 | 6.4 | 6.4 |
| 4.3 ≤ E < 4.5 | 5.1 | 5.2 | 6.2 | 6.5 | 5.8 | 6.3 | 6.3 |
| 4.5 ≤ E < 4.7 | 5.0 | 5.2 | 6.1 | 6.4 | 5.7 | 6.2 | 6.2 |
| 4.7 ≤ E < 4.9 | 5.0 | 5.1 | 6.0 | 6.3 | 5.7 | 6.2 | 6.2 |
| E ≥ 4.9 | 4.9 | 5.0 | 6.0 | 6.2 | 5.6 | 6.1 | 6.1 |

Table B2-18 Loading Table for PWR Fuel – 1,140 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 50 < Assembly Average Burnup ≤ 51 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 5.8 | 6.0 | 7.3 | 7.6 | 6.7 | 7.4 | 7.4 |
| 3.1 ≤ E < 3.3 | 5.8 | 5.9 | 7.1 | 7.5 | 6.6 | 7.2 | 7.2 |
| 3.3 ≤ E < 3.5 | 5.7 | 5.8 | 7.0 | 7.3 | 6.4 | 7.1 | 7.0 |
| 3.5 ≤ E < 3.7 | 5.6 | 5.7 | 6.8 | 7.2 | 6.3 | 6.9 | 6.9 |
| 3.7 ≤ E < 3.9 | 5.5 | 5.7 | 6.7 | 7.0 | 6.2 | 6.9 | 6.8 |
| 3.9 ≤ E < 4.1 | 5.4 | 5.6 | 6.6 | 6.9 | 6.1 | 6.8 | 6.8 |
| 4.1 ≤ E < 4.3 | 5.3 | 5.5 | 6.5 | 6.8 | 6.0 | 6.7 | 6.7 |
| 4.3 ≤ E < 4.5 | 5.2 | 5.4 | 6.4 | 6.8 | 6.0 | 6.6 | 6.6 |
| 4.5 ≤ E < 4.7 | 5.2 | 5.4 | 6.4 | 6.7 | 5.9 | 6.5 | 6.5 |
| 4.7 ≤ E < 4.9 | 5.1 | 5.3 | 6.3 | 6.6 | 5.8 | 6.4 | 6.4 |
| E ≥ 4.9 | 5.0 | 5.2 | 6.2 | 6.5 | 5.8 | 6.4 | 6.3 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 51 < Assembly Average Burnup ≤ 52 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 6.0 | 6.3 | 7.6 | 7.9 | 6.9 | 7.7 | 7.7 |
| 3.1 ≤ E < 3.3 | 5.9 | 6.1 | 7.5 | 7.7 | 6.8 | 7.6 | 7.6 |
| 3.3 ≤ E < 3.5 | 5.8 | 6.0 | 7.3 | 7.6 | 6.7 | 7.4 | 7.4 |
| 3.5 ≤ E < 3.7 | 5.8 | 5.9 | 7.1 | 7.4 | 6.6 | 7.3 | 7.3 |
| 3.7 ≤ E < 3.9 | 5.7 | 5.9 | 7.0 | 7.3 | 6.5 | 7.1 | 7.1 |
| 3.9 ≤ E < 4.1 | 5.6 | 5.8 | 6.9 | 7.1 | 6.4 | 7.0 | 7.0 |
| 4.1 ≤ E < 4.3 | 5.5 | 5.7 | 6.8 | 7.0 | 6.3 | 6.9 | 6.9 |
| 4.3 ≤ E < 4.5 | 5.4 | 5.6 | 6.7 | 6.9 | 6.2 | 6.8 | 6.8 |
| 4.5 ≤ E < 4.7 | 5.4 | 5.6 | 6.6 | 6.8 | 6.1 | 6.8 | 6.8 |
| 4.7 ≤ E < 4.9 | 5.3 | 5.5 | 6.5 | 6.8 | 6.0 | 6.7 | 6.7 |
| E ≥ 4.9 | 5.2 | 5.4 | 6.5 | 6.7 | 6.0 | 6.6 | 6.6 |

Table B2-18 Loading Table for PWR Fuel – 1,140 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 52 < Assembly Average Burnup ≤ 53 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 6.3 | 6.5 | 7.9 | 8.3 | 7.3 | 8.1 | 8.1 |
| 3.1 ≤ E < 3.3 | 6.2 | 6.4 | 7.7 | 8.1 | 7.1 | 7.9 | 7.9 |
| 3.3 ≤ E < 3.5 | 6.0 | 6.3 | 7.5 | 7.9 | 7.0 | 7.8 | 7.8 |
| 3.5 ≤ E < 3.7 | 5.9 | 6.1 | 7.4 | 7.8 | 6.9 | 7.6 | 7.6 |
| 3.7 ≤ E < 3.9 | 5.8 | 6.1 | 7.2 | 7.6 | 6.7 | 7.5 | 7.5 |
| 3.9 ≤ E < 4.1 | 5.8 | 6.0 | 7.1 | 7.5 | 6.6 | 7.4 | 7.3 |
| 4.1 ≤ E < 4.3 | 5.7 | 5.9 | 7.0 | 7.4 | 6.5 | 7.2 | 7.2 |
| 4.3 ≤ E < 4.5 | 5.6 | 5.8 | 6.9 | 7.2 | 6.4 | 7.1 | 7.1 |
| 4.5 ≤ E < 4.7 | 5.5 | 5.7 | 6.8 | 7.1 | 6.4 | 7.0 | 7.0 |
| 4.7 ≤ E < 4.9 | 5.5 | 5.7 | 6.7 | 7.0 | 6.3 | 6.9 | 6.9 |
| E ≥ 4.9 | 5.4 | 5.6 | 6.6 | 6.9 | 6.2 | 6.9 | 6.9 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 53 < Assembly Average Burnup ≤ 54 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 6.6 | 6.8 | 8.3 | 8.8 | 7.6 | 8.6 | 8.6 |
| 3.1 ≤ E < 3.3 | 6.4 | 6.7 | 8.0 | 8.6 | 7.5 | 8.3 | 8.3 |
| 3.3 ≤ E < 3.5 | 6.3 | 6.5 | 7.9 | 8.3 | 7.3 | 8.2 | 8.1 |
| 3.5 ≤ E < 3.7 | 6.1 | 6.4 | 7.7 | 8.1 | 7.1 | 8.0 | 8.0 |
| 3.7 ≤ E < 3.9 | 6.0 | 6.3 | 7.6 | 8.0 | 7.0 | 7.9 | 7.8 |
| 3.9 ≤ E < 4.1 | 5.9 | 6.2 | 7.4 | 7.8 | 6.9 | 7.7 | 7.7 |
| 4.1 ≤ E < 4.3 | 5.9 | 6.1 | 7.3 | 7.7 | 6.8 | 7.6 | 7.6 |
| 4.3 ≤ E < 4.5 | 5.8 | 6.0 | 7.2 | 7.6 | 6.7 | 7.5 | 7.5 |
| 4.5 ≤ E < 4.7 | 5.7 | 5.9 | 7.0 | 7.5 | 6.6 | 7.4 | 7.3 |
| 4.7 ≤ E < 4.9 | 5.7 | 5.9 | 7.0 | 7.4 | 6.5 | 7.2 | 7.2 |
| E ≥ 4.9 | 5.6 | 5.9 | 6.9 | 7.3 | 6.4 | 7.1 | 7.1 |

Table B2-18 Loading Table for PWR Fuel – 1,140 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 54 < Assembly Average Burnup ≤ 55 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 6.7 | 6.9 | 8.5 | 9.0 | 7.8 | 8.8 | 8.8 |
| 3.3 ≤ E < 3.5 | 6.6 | 6.8 | 8.3 | 8.8 | 7.6 | 8.6 | 8.6 |
| 3.5 ≤ E < 3.7 | 6.4 | 6.7 | 8.1 | 8.6 | 7.5 | 8.4 | 8.4 |
| 3.7 ≤ E < 3.9 | 6.3 | 6.6 | 7.9 | 8.4 | 7.3 | 8.2 | 8.2 |
| 3.9 ≤ E < 4.1 | 6.2 | 6.5 | 7.8 | 8.2 | 7.2 | 8.0 | 8.0 |
| 4.1 ≤ E < 4.3 | 6.1 | 6.3 | 7.6 | 8.1 | 7.0 | 7.9 | 7.9 |
| 4.3 ≤ E < 4.5 | 6.0 | 6.2 | 7.5 | 7.9 | 7.0 | 7.8 | 7.8 |
| 4.5 ≤ E < 4.7 | 5.9 | 6.1 | 7.4 | 7.8 | 6.9 | 7.7 | 7.7 |
| 4.7 ≤ E < 4.9 | 5.9 | 6.0 | 7.3 | 7.7 | 6.8 | 7.6 | 7.6 |
| E ≥ 4.9 | 5.8 | 6.0 | 7.2 | 7.6 | 6.7 | 7.5 | 7.5 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 55 < Assembly Average Burnup ≤ 56 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 6.9 | 7.3 | 8.9 | 9.6 | 8.0 | 9.3 | 9.3 |
| 3.3 ≤ E < 3.5 | 6.8 | 7.1 | 8.7 | 9.3 | 7.8 | 9.0 | 9.0 |
| 3.5 ≤ E < 3.7 | 6.7 | 6.9 | 8.5 | 9.1 | 7.7 | 8.8 | 8.9 |
| 3.7 ≤ E < 3.9 | 6.6 | 6.8 | 8.3 | 8.9 | 7.5 | 8.7 | 8.7 |
| 3.9 ≤ E < 4.1 | 6.4 | 6.7 | 8.1 | 8.7 | 7.4 | 8.5 | 8.5 |
| 4.1 ≤ E < 4.3 | 6.3 | 6.6 | 8.0 | 8.5 | 7.2 | 8.3 | 8.3 |
| 4.3 ≤ E < 4.5 | 6.2 | 6.5 | 7.9 | 8.4 | 7.1 | 8.2 | 8.1 |
| 4.5 ≤ E < 4.7 | 6.1 | 6.4 | 7.7 | 8.2 | 7.0 | 8.0 | 8.0 |
| 4.7 ≤ E < 4.9 | 6.0 | 6.3 | 7.6 | 8.1 | 6.9 | 7.9 | 7.9 |
| E ≥ 4.9 | 6.0 | 6.2 | 7.5 | 8.0 | 6.8 | 7.8 | 7.8 |

Table B2-18 Loading Table for PWR Fuel – 1,140 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 56 < Assembly Average Burnup ≤ 57 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 7.3 | 7.6 | 9.4 | 10.1 | 8.4 | 9.8 | 9.8 |
| 3.3 ≤ E < 3.5 | 7.1 | 7.4 | 9.2 | 9.9 | 8.2 | 9.6 | 9.6 |
| 3.5 ≤ E < 3.7 | 6.9 | 7.3 | 9.0 | 9.6 | 8.0 | 9.4 | 9.3 |
| 3.7 ≤ E < 3.9 | 6.8 | 7.1 | 8.8 | 9.4 | 7.9 | 9.1 | 9.1 |
| 3.9 ≤ E < 4.1 | 6.7 | 7.0 | 8.6 | 9.2 | 7.7 | 8.9 | 8.9 |
| 4.1 ≤ E < 4.3 | 6.6 | 6.9 | 8.4 | 9.0 | 7.6 | 8.8 | 8.8 |
| 4.3 ≤ E < 4.5 | 6.5 | 6.8 | 8.2 | 8.8 | 7.5 | 8.6 | 8.6 |
| 4.5 ≤ E < 4.7 | 6.4 | 6.7 | 8.1 | 8.7 | 7.3 | 8.5 | 8.4 |
| 4.7 ≤ E < 4.9 | 6.3 | 6.6 | 8.0 | 8.5 | 7.2 | 8.3 | 8.3 |
| E ≥ 4.9 | 6.2 | 6.5 | 7.8 | 8.4 | 7.1 | 8.2 | 8.2 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 57 < Assembly Average Burnup ≤ 58 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 7.6 | 8.0 | 10.0 | 10.8 | 8.9 | 10.5 | 10.4 |
| 3.3 ≤ E < 3.5 | 7.4 | 7.8 | 9.7 | 10.5 | 8.7 | 10.2 | 10.1 |
| 3.5 ≤ E < 3.7 | 7.2 | 7.6 | 9.5 | 10.2 | 8.4 | 9.9 | 9.9 |
| 3.7 ≤ E < 3.9 | 7.1 | 7.5 | 9.3 | 9.9 | 8.2 | 9.7 | 9.6 |
| 3.9 ≤ E < 4.1 | 6.9 | 7.3 | 9.0 | 9.7 | 8.1 | 9.5 | 9.4 |
| 4.1 ≤ E < 4.3 | 6.8 | 7.1 | 8.8 | 9.5 | 7.9 | 9.2 | 9.2 |
| 4.3 ≤ E < 4.5 | 6.7 | 7.0 | 8.7 | 9.3 | 7.8 | 9.0 | 9.0 |
| 4.5 ≤ E < 4.7 | 6.6 | 6.9 | 8.5 | 9.1 | 7.7 | 8.9 | 8.9 |
| 4.7 ≤ E < 4.9 | 6.5 | 6.8 | 8.4 | 8.9 | 7.5 | 8.7 | 8.7 |
| E ≥ 4.9 | 6.4 | 6.7 | 8.2 | 8.8 | 7.4 | 8.6 | 8.6 |

Table B2-18 Loading Table for PWR Fuel – 1,140 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 58 < Assembly Average Burnup ≤ 59 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 7.9 | 8.4 | 10.7 | 11.5 | 9.4 | 11.1 | 11.1 |
| 3.3 ≤ E < 3.5 | 7.8 | 8.2 | 10.3 | 11.2 | 9.1 | 10.8 | 10.8 |
| 3.5 ≤ E < 3.7 | 7.6 | 8.0 | 10.0 | 10.9 | 8.9 | 10.5 | 10.5 |
| 3.7 ≤ E < 3.9 | 7.4 | 7.8 | 9.8 | 10.6 | 8.7 | 10.2 | 10.2 |
| 3.9 ≤ E < 4.1 | 7.2 | 7.6 | 9.5 | 10.3 | 8.5 | 10.0 | 9.9 |
| 4.1 ≤ E < 4.3 | 7.1 | 7.5 | 9.3 | 10.0 | 8.3 | 9.8 | 9.7 |
| 4.3 ≤ E < 4.5 | 7.0 | 7.3 | 9.1 | 9.8 | 8.1 | 9.6 | 9.5 |
| 4.5 ≤ E < 4.7 | 6.9 | 7.2 | 8.9 | 9.6 | 8.0 | 9.4 | 9.4 |
| 4.7 ≤ E < 4.9 | 6.8 | 7.1 | 8.8 | 9.5 | 7.9 | 9.2 | 9.2 |
| E ≥ 4.9 | 6.7 | 7.0 | 8.7 | 9.3 | 7.8 | 9.0 | 9.0 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 59 < Assembly Average Burnup ≤ 60 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | - | - | - | - | - | - | - |
| 3.3 ≤ E < 3.5 | 8.1 | 8.6 | 11.0 | 11.8 | 9.6 | 11.2 | 11.2 |
| 3.5 ≤ E < 3.7 | 7.9 | 8.4 | 10.7 | 11.5 | 9.4 | 10.9 | 10.8 |
| 3.7 ≤ E < 3.9 | 7.7 | 8.2 | 10.3 | 11.2 | 9.1 | 10.6 | 10.5 |
| 3.9 ≤ E < 4.1 | 7.6 | 8.0 | 10.1 | 11.0 | 8.9 | 10.3 | 10.3 |
| 4.1 ≤ E < 4.3 | 7.4 | 7.8 | 9.8 | 10.7 | 8.7 | 10.0 | 10.0 |
| 4.3 ≤ E < 4.5 | 7.3 | 7.7 | 9.6 | 10.4 | 8.5 | 9.8 | 9.8 |
| 4.5 ≤ E < 4.7 | 7.1 | 7.6 | 9.4 | 10.2 | 8.4 | 9.7 | 9.6 |
| 4.7 ≤ E < 4.9 | 7.0 | 7.4 | 9.2 | 10.0 | 8.2 | 9.5 | 9.4 |
| E ≥ 4.9 | 6.9 | 7.3 | 9.1 | 9.8 | 8.1 | 9.3 | 9.3 |

Table B2-19 Loading Table for PWR Fuel – 922 W/Assembly

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 30 < Assembly Average Burnup ≤ 32.5 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------------|-------------|--------------|-------------|-------------|--------------|
| | CE 14×14 | WE 14×14 | WE 15×15 | B&W 15×15 | CE 16×16 | WE 17×17 | B&W 17×17 |
| 2.1 ≤ E < 2.3 | 4.2 | 4.3 | 4.8 | 4.9 | 4.6 | 4.9 | 4.9 |
| 2.3 ≤ E < 2.5 | 4.2 | 4.2 | 4.7 | 4.8 | 4.5 | 4.8 | 4.8 |
| 2.5 ≤ E < 2.7 | 4.1 | 4.2 | 4.7 | 4.8 | 4.5 | 4.8 | 4.8 |
| 2.7 ≤ E < 2.9 | 4.1 | 4.1 | 4.6 | 4.7 | 4.4 | 4.7 | 4.7 |
| 2.9 ≤ E < 3.1 | 4.0 | 4.1 | 4.6 | 4.7 | 4.4 | 4.7 | 4.7 |
| 3.1 ≤ E < 3.3 | 4.0 | 4.0 | 4.5 | 4.6 | 4.3 | 4.6 | 4.6 |
| 3.3 ≤ E < 3.5 | 4.0 | 4.0 | 4.5 | 4.6 | 4.3 | 4.6 | 4.6 |
| 3.5 ≤ E < 3.7 | 4.0 | 4.0 | 4.5 | 4.5 | 4.3 | 4.5 | 4.5 |
| 3.7 ≤ E < 3.9 | 4.0 | 4.0 | 4.4 | 4.5 | 4.2 | 4.5 | 4.5 |
| 3.9 ≤ E < 4.1 | 4.0 | 4.0 | 4.4 | 4.5 | 4.2 | 4.5 | 4.5 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.0 | 4.4 | 4.5 | 4.2 | 4.4 | 4.4 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.0 | 4.3 | 4.4 | 4.2 | 4.4 | 4.4 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.0 | 4.3 | 4.4 | 4.1 | 4.4 | 4.4 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.0 | 4.3 | 4.4 | 4.1 | 4.4 | 4.4 |
| E ≥ 4.9 | 4.0 | 4.0 | 4.3 | 4.4 | 4.1 | 4.4 | 4.4 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 32.5 < Assembly Average Burnup ≤ 35 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE 14×14 | WE 14×14 | WE 15×15 | B&W 15×15 | CE 16×16 | WE 17×17 | B&W 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | 4.5 | 4.6 | 5.2 | 5.3 | 4.9 | 5.3 | 5.3 |
| 2.5 ≤ E < 2.7 | 4.4 | 4.5 | 5.1 | 5.3 | 4.9 | 5.2 | 5.2 |
| 2.7 ≤ E < 2.9 | 4.4 | 4.5 | 5.0 | 5.2 | 4.8 | 5.1 | 5.1 |
| 2.9 ≤ E < 3.1 | 4.4 | 4.4 | 5.0 | 5.1 | 4.8 | 5.1 | 5.1 |
| 3.1 ≤ E < 3.3 | 4.3 | 4.4 | 4.9 | 5.0 | 4.7 | 5.0 | 5.0 |
| 3.3 ≤ E < 3.5 | 4.3 | 4.3 | 4.9 | 5.0 | 4.7 | 5.0 | 5.0 |
| 3.5 ≤ E < 3.7 | 4.2 | 4.3 | 4.8 | 5.0 | 4.6 | 4.9 | 4.9 |
| 3.7 ≤ E < 3.9 | 4.2 | 4.3 | 4.8 | 4.9 | 4.6 | 4.9 | 4.9 |
| 3.9 ≤ E < 4.1 | 4.1 | 4.2 | 4.8 | 4.9 | 4.5 | 4.9 | 4.9 |
| 4.1 ≤ E < 4.3 | 4.1 | 4.2 | 4.7 | 4.9 | 4.5 | 4.8 | 4.8 |
| 4.3 ≤ E < 4.5 | 4.1 | 4.2 | 4.7 | 4.8 | 4.5 | 4.8 | 4.8 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.1 | 4.7 | 4.8 | 4.5 | 4.8 | 4.8 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.1 | 4.6 | 4.8 | 4.4 | 4.7 | 4.7 |
| E ≥ 4.9 | 4.0 | 4.1 | 4.6 | 4.7 | 4.4 | 4.7 | 4.7 |

Table B2-19 Loading Table for PWR Fuel – 922 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 35 < Assembly Average Burnup ≤ 37.5 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | 4.9 | 5.0 | 5.7 | 5.9 | 5.4 | 5.8 | 5.8 |
| 2.5 ≤ E < 2.7 | 4.8 | 4.9 | 5.7 | 5.8 | 5.3 | 5.7 | 5.7 |
| 2.7 ≤ E < 2.9 | 4.8 | 4.9 | 5.6 | 5.8 | 5.3 | 5.7 | 5.7 |
| 2.9 ≤ E < 3.1 | 4.7 | 4.8 | 5.5 | 5.7 | 5.2 | 5.6 | 5.6 |
| 3.1 ≤ E < 3.3 | 4.6 | 4.7 | 5.4 | 5.6 | 5.1 | 5.5 | 5.5 |
| 3.3 ≤ E < 3.5 | 4.6 | 4.7 | 5.4 | 5.6 | 5.0 | 5.5 | 5.5 |
| 3.5 ≤ E < 3.7 | 4.5 | 4.6 | 5.3 | 5.5 | 5.0 | 5.4 | 5.4 |
| 3.7 ≤ E < 3.9 | 4.5 | 4.6 | 5.3 | 5.4 | 5.0 | 5.4 | 5.4 |
| 3.9 ≤ E < 4.1 | 4.5 | 4.6 | 5.2 | 5.4 | 4.9 | 5.3 | 5.3 |
| 4.1 ≤ E < 4.3 | 4.4 | 4.5 | 5.2 | 5.4 | 4.9 | 5.3 | 5.3 |
| 4.3 ≤ E < 4.5 | 4.4 | 4.5 | 5.1 | 5.3 | 4.9 | 5.2 | 5.2 |
| 4.5 ≤ E < 4.7 | 4.4 | 4.5 | 5.1 | 5.3 | 4.8 | 5.2 | 5.2 |
| 4.7 ≤ E < 4.9 | 4.3 | 4.4 | 5.0 | 5.2 | 4.8 | 5.2 | 5.2 |
| E ≥ 4.9 | 4.3 | 4.4 | 5.0 | 5.2 | 4.8 | 5.1 | 5.1 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 37.5 < Assembly Average Burnup ≤ 40 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 5.3 | 5.4 | 6.2 | 6.5 | 5.9 | 6.3 | 6.3 |
| 2.7 ≤ E < 2.9 | 5.2 | 5.3 | 6.1 | 6.4 | 5.8 | 6.2 | 6.2 |
| 2.9 ≤ E < 3.1 | 5.1 | 5.3 | 6.0 | 6.3 | 5.7 | 6.1 | 6.1 |
| 3.1 ≤ E < 3.3 | 5.0 | 5.2 | 6.0 | 6.2 | 5.6 | 6.0 | 6.0 |
| 3.3 ≤ E < 3.5 | 5.0 | 5.1 | 5.9 | 6.1 | 5.6 | 6.0 | 6.0 |
| 3.5 ≤ E < 3.7 | 4.9 | 5.0 | 5.9 | 6.0 | 5.5 | 5.9 | 5.9 |
| 3.7 ≤ E < 3.9 | 4.9 | 5.0 | 5.8 | 6.0 | 5.5 | 5.9 | 5.9 |
| 3.9 ≤ E < 4.1 | 4.8 | 5.0 | 5.7 | 5.9 | 5.4 | 5.8 | 5.8 |
| 4.1 ≤ E < 4.3 | 4.8 | 4.9 | 5.7 | 5.9 | 5.4 | 5.8 | 5.8 |
| 4.3 ≤ E < 4.5 | 4.8 | 4.9 | 5.7 | 5.8 | 5.3 | 5.8 | 5.7 |
| 4.5 ≤ E < 4.7 | 4.7 | 4.8 | 5.6 | 5.8 | 5.3 | 5.7 | 5.7 |
| 4.7 ≤ E < 4.9 | 4.7 | 4.8 | 5.6 | 5.8 | 5.2 | 5.7 | 5.7 |
| E ≥ 4.9 | 4.6 | 4.8 | 5.5 | 5.7 | 5.2 | 5.6 | 5.6 |

Table B2-19 Loading Table for PWR Fuel – 922 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 40 < Assembly Average Burnup ≤ 41 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 5.5 | 5.6 | 6.6 | 6.8 | 6.0 | 6.6 | 6.6 |
| 2.7 ≤ E < 2.9 | 5.4 | 5.6 | 6.4 | 6.7 | 6.0 | 6.5 | 6.5 |
| 2.9 ≤ E < 3.1 | 5.3 | 5.5 | 6.3 | 6.6 | 5.9 | 6.4 | 6.4 |
| 3.1 ≤ E < 3.3 | 5.3 | 5.4 | 6.2 | 6.5 | 5.8 | 6.3 | 6.3 |
| 3.3 ≤ E < 3.5 | 5.2 | 5.3 | 6.1 | 6.4 | 5.8 | 6.3 | 6.2 |
| 3.5 ≤ E < 3.7 | 5.1 | 5.3 | 6.1 | 6.3 | 5.7 | 6.2 | 6.2 |
| 3.7 ≤ E < 3.9 | 5.0 | 5.2 | 6.0 | 6.2 | 5.7 | 6.1 | 6.1 |
| 3.9 ≤ E < 4.1 | 5.0 | 5.1 | 5.9 | 6.2 | 5.6 | 6.0 | 6.0 |
| 4.1 ≤ E < 4.3 | 5.0 | 5.1 | 5.9 | 6.1 | 5.6 | 6.0 | 6.0 |
| 4.3 ≤ E < 4.5 | 4.9 | 5.0 | 5.9 | 6.0 | 5.5 | 5.9 | 5.9 |
| 4.5 ≤ E < 4.7 | 4.9 | 5.0 | 5.8 | 6.0 | 5.5 | 5.9 | 5.9 |
| 4.7 ≤ E < 4.9 | 4.8 | 5.0 | 5.8 | 6.0 | 5.4 | 5.9 | 5.9 |
| E ≥ 4.9 | 4.8 | 4.9 | 5.7 | 5.9 | 5.4 | 5.8 | 5.8 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 41 < Assembly Average Burnup ≤ 42 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 5.7 | 5.9 | 6.9 | 7.1 | 6.4 | 6.9 | 6.9 |
| 2.7 ≤ E < 2.9 | 5.6 | 5.8 | 6.7 | 7.0 | 6.2 | 6.8 | 6.8 |
| 2.9 ≤ E < 3.1 | 5.6 | 5.7 | 6.6 | 6.9 | 6.1 | 6.7 | 6.7 |
| 3.1 ≤ E < 3.3 | 5.5 | 5.6 | 6.5 | 6.8 | 6.0 | 6.6 | 6.6 |
| 3.3 ≤ E < 3.5 | 5.4 | 5.5 | 6.4 | 6.7 | 6.0 | 6.6 | 6.5 |
| 3.5 ≤ E < 3.7 | 5.3 | 5.5 | 6.4 | 6.6 | 5.9 | 6.5 | 6.5 |
| 3.7 ≤ E < 3.9 | 5.3 | 5.4 | 6.3 | 6.6 | 5.9 | 6.4 | 6.4 |
| 3.9 ≤ E < 4.1 | 5.2 | 5.4 | 6.2 | 6.5 | 5.8 | 6.3 | 6.3 |
| 4.1 ≤ E < 4.3 | 5.1 | 5.3 | 6.1 | 6.4 | 5.8 | 6.3 | 6.2 |
| 4.3 ≤ E < 4.5 | 5.1 | 5.2 | 6.0 | 6.3 | 5.7 | 6.2 | 6.2 |
| 4.5 ≤ E < 4.7 | 5.0 | 5.2 | 6.0 | 6.3 | 5.7 | 6.1 | 6.1 |
| 4.7 ≤ E < 4.9 | 5.0 | 5.1 | 6.0 | 6.2 | 5.6 | 6.1 | 6.1 |
| E ≥ 4.9 | 4.9 | 5.1 | 5.9 | 6.2 | 5.6 | 6.0 | 6.0 |

Table B2-19 Loading Table for PWR Fuel – 922 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 42 < Assembly Average Burnup ≤ 43 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 5.9 | 6.1 | 7.2 | 7.5 | 6.7 | 7.3 | 7.3 |
| 2.7 ≤ E < 2.9 | 5.8 | 6.0 | 7.0 | 7.4 | 6.5 | 7.1 | 7.1 |
| 2.9 ≤ E < 3.1 | 5.8 | 5.9 | 6.9 | 7.3 | 6.4 | 7.0 | 7.0 |
| 3.1 ≤ E < 3.3 | 5.7 | 5.8 | 6.8 | 7.1 | 6.3 | 6.9 | 6.9 |
| 3.3 ≤ E < 3.5 | 5.6 | 5.8 | 6.7 | 7.0 | 6.2 | 6.8 | 6.8 |
| 3.5 ≤ E < 3.7 | 5.5 | 5.7 | 6.7 | 6.9 | 6.1 | 6.8 | 6.7 |
| 3.7 ≤ E < 3.9 | 5.5 | 5.6 | 6.6 | 6.8 | 6.1 | 6.7 | 6.7 |
| 3.9 ≤ E < 4.1 | 5.4 | 5.6 | 6.5 | 6.8 | 6.0 | 6.6 | 6.6 |
| 4.1 ≤ E < 4.3 | 5.3 | 5.5 | 6.4 | 6.7 | 6.0 | 6.5 | 6.5 |
| 4.3 ≤ E < 4.5 | 5.3 | 5.5 | 6.4 | 6.6 | 5.9 | 6.5 | 6.5 |
| 4.5 ≤ E < 4.7 | 5.2 | 5.4 | 6.3 | 6.6 | 5.9 | 6.4 | 6.4 |
| 4.7 ≤ E < 4.9 | 5.2 | 5.3 | 6.2 | 6.5 | 5.8 | 6.4 | 6.4 |
| E ≥ 4.9 | 5.1 | 5.3 | 6.2 | 6.5 | 5.8 | 6.3 | 6.3 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 43 < Assembly Average Burnup ≤ 44 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 6.2 | 6.4 | 7.6 | 8.0 | 6.9 | 7.7 | 7.7 |
| 2.7 ≤ E < 2.9 | 6.0 | 6.2 | 7.4 | 7.8 | 6.8 | 7.5 | 7.5 |
| 2.9 ≤ E < 3.1 | 6.0 | 6.1 | 7.3 | 7.7 | 6.7 | 7.4 | 7.4 |
| 3.1 ≤ E < 3.3 | 5.9 | 6.0 | 7.2 | 7.5 | 6.6 | 7.3 | 7.3 |
| 3.3 ≤ E < 3.5 | 5.8 | 6.0 | 7.0 | 7.4 | 6.5 | 7.1 | 7.1 |
| 3.5 ≤ E < 3.7 | 5.8 | 5.9 | 6.9 | 7.3 | 6.4 | 7.0 | 7.0 |
| 3.7 ≤ E < 3.9 | 5.7 | 5.8 | 6.9 | 7.2 | 6.3 | 7.0 | 7.0 |
| 3.9 ≤ E < 4.1 | 5.6 | 5.8 | 6.8 | 7.1 | 6.3 | 6.9 | 6.9 |
| 4.1 ≤ E < 4.3 | 5.5 | 5.7 | 6.7 | 7.0 | 6.2 | 6.8 | 6.8 |
| 4.3 ≤ E < 4.5 | 5.5 | 5.7 | 6.7 | 6.9 | 6.1 | 6.8 | 6.8 |
| 4.5 ≤ E < 4.7 | 5.4 | 5.6 | 6.6 | 6.9 | 6.0 | 6.7 | 6.7 |
| 4.7 ≤ E < 4.9 | 5.4 | 5.6 | 6.5 | 6.8 | 6.0 | 6.6 | 6.6 |
| E ≥ 4.9 | 5.3 | 5.5 | 6.5 | 6.8 | 6.0 | 6.6 | 6.6 |

Table B2-19 Loading Table for PWR Fuel – 922 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 44 < Assembly Average Burnup ≤ 45 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 6.3 | 6.6 | 7.8 | 8.3 | 7.1 | 7.9 | 7.9 |
| 2.9 ≤ E < 3.1 | 6.2 | 6.4 | 7.7 | 8.1 | 7.0 | 7.8 | 7.8 |
| 3.1 ≤ E < 3.3 | 6.1 | 6.3 | 7.6 | 7.9 | 6.9 | 7.7 | 7.7 |
| 3.3 ≤ E < 3.5 | 6.0 | 6.2 | 7.4 | 7.8 | 6.8 | 7.5 | 7.5 |
| 3.5 ≤ E < 3.7 | 5.9 | 6.1 | 7.3 | 7.7 | 6.7 | 7.4 | 7.4 |
| 3.7 ≤ E < 3.9 | 5.9 | 6.0 | 7.2 | 7.6 | 6.6 | 7.3 | 7.3 |
| 3.9 ≤ E < 4.1 | 5.8 | 6.0 | 7.1 | 7.5 | 6.6 | 7.2 | 7.2 |
| 4.1 ≤ E < 4.3 | 5.7 | 5.9 | 7.0 | 7.4 | 6.5 | 7.1 | 7.1 |
| 4.3 ≤ E < 4.5 | 5.7 | 5.9 | 6.9 | 7.3 | 6.4 | 7.0 | 7.0 |
| 4.5 ≤ E < 4.7 | 5.6 | 5.8 | 6.9 | 7.2 | 6.3 | 7.0 | 7.0 |
| 4.7 ≤ E < 4.9 | 5.6 | 5.8 | 6.8 | 7.1 | 6.3 | 6.9 | 6.9 |
| E ≥ 4.9 | 5.5 | 5.7 | 6.7 | 7.0 | 6.2 | 6.9 | 6.9 |

Note: For fuel assembly average burnup greater than 45 GWd/MTU, cool time tables have been revised to account for a 5% margin in heat load.

Table B2-20 Loading Table for PWR Fuel – 876 W/Assembly

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 45 < Assembly Average Burnup ≤ 46 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------------|-------------|--------------|-------------|-------------|--------------|
| | CE 14×14 | WE 14×14 | WE 15×15 | B&W 15×15 | CE 16×16 | WE 17×17 | B&W 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 7.1 | 7.4 | 9.2 | 9.8 | 8.2 | 9.3 | 9.3 |
| 2.9 ≤ E < 3.1 | 7.0 | 7.3 | 9.0 | 9.6 | 8.0 | 9.1 | 9.0 |
| 3.1 ≤ E < 3.3 | 6.9 | 7.1 | 8.8 | 9.4 | 7.9 | 8.9 | 8.9 |
| 3.3 ≤ E < 3.5 | 6.8 | 7.0 | 8.6 | 9.1 | 7.8 | 8.7 | 8.7 |
| 3.5 ≤ E < 3.7 | 6.7 | 6.9 | 8.5 | 9.0 | 7.6 | 8.6 | 8.6 |
| 3.7 ≤ E < 3.9 | 6.6 | 6.8 | 8.3 | 8.9 | 7.5 | 8.5 | 8.4 |
| 3.9 ≤ E < 4.1 | 6.5 | 6.7 | 8.2 | 8.7 | 7.4 | 8.3 | 8.3 |
| 4.1 ≤ E < 4.3 | 6.4 | 6.6 | 8.1 | 8.6 | 7.3 | 8.2 | 8.2 |
| 4.3 ≤ E < 4.5 | 6.3 | 6.6 | 8.0 | 8.5 | 7.2 | 8.1 | 8.1 |
| 4.5 ≤ E < 4.7 | 6.2 | 6.5 | 7.9 | 8.4 | 7.2 | 8.0 | 8.0 |
| 4.7 ≤ E < 4.9 | 6.2 | 6.4 | 7.8 | 8.3 | 7.1 | 8.0 | 7.9 |
| E ≥ 4.9 | 6.1 | 6.4 | 7.7 | 8.2 | 7.0 | 7.9 | 7.9 |

Table B2-20 Loading Table for PWR Fuel – 876 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 46 < Assembly Average Burnup ≤ 47 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 7.5 | 7.8 | 9.8 | 10.5 | 8.7 | 9.9 | 9.9 |
| 2.9 ≤ E < 3.1 | 7.4 | 7.7 | 9.6 | 10.3 | 8.5 | 9.7 | 9.7 |
| 3.1 ≤ E < 3.3 | 7.2 | 7.5 | 9.3 | 10.0 | 8.3 | 9.5 | 9.5 |
| 3.3 ≤ E < 3.5 | 7.1 | 7.4 | 9.1 | 9.8 | 8.1 | 9.3 | 9.3 |
| 3.5 ≤ E < 3.7 | 7.0 | 7.2 | 9.0 | 9.6 | 8.0 | 9.1 | 9.1 |
| 3.7 ≤ E < 3.9 | 6.9 | 7.1 | 8.8 | 9.4 | 7.9 | 9.0 | 8.9 |
| 3.9 ≤ E < 4.1 | 6.8 | 7.0 | 8.7 | 9.3 | 7.8 | 8.8 | 8.8 |
| 4.1 ≤ E < 4.3 | 6.7 | 6.9 | 8.6 | 9.1 | 7.7 | 8.7 | 8.7 |
| 4.3 ≤ E < 4.5 | 6.6 | 6.9 | 8.4 | 9.0 | 7.6 | 8.6 | 8.6 |
| 4.5 ≤ E < 4.7 | 6.5 | 6.8 | 8.3 | 8.9 | 7.5 | 8.5 | 8.5 |
| 4.7 ≤ E < 4.9 | 6.5 | 6.7 | 8.2 | 8.8 | 7.5 | 8.4 | 8.4 |
| E ≥ 4.9 | 6.4 | 6.7 | 8.1 | 8.7 | 7.4 | 8.3 | 8.3 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 47 < Assembly Average Burnup ≤ 48 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 7.9 | 8.3 | 10.5 | 11.3 | 9.2 | 10.7 | 10.6 |
| 2.9 ≤ E < 3.1 | 7.7 | 8.1 | 10.2 | 11.1 | 9.0 | 10.4 | 10.3 |
| 3.1 ≤ E < 3.3 | 7.6 | 7.9 | 10.0 | 10.8 | 8.8 | 10.1 | 10.1 |
| 3.3 ≤ E < 3.5 | 7.4 | 7.8 | 9.7 | 10.5 | 8.7 | 9.9 | 9.9 |
| 3.5 ≤ E < 3.7 | 7.3 | 7.6 | 9.6 | 10.3 | 8.5 | 9.7 | 9.7 |
| 3.7 ≤ E < 3.9 | 7.2 | 7.5 | 9.4 | 10.1 | 8.4 | 9.5 | 9.5 |
| 3.9 ≤ E < 4.1 | 7.0 | 7.4 | 9.2 | 9.9 | 8.2 | 9.4 | 9.4 |
| 4.1 ≤ E < 4.3 | 7.0 | 7.3 | 9.0 | 9.7 | 8.1 | 9.2 | 9.2 |
| 4.3 ≤ E < 4.5 | 6.9 | 7.2 | 8.9 | 9.6 | 8.0 | 9.1 | 9.1 |
| 4.5 ≤ E < 4.7 | 6.8 | 7.1 | 8.8 | 9.5 | 7.9 | 9.0 | 9.0 |
| 4.7 ≤ E < 4.9 | 6.7 | 7.0 | 8.7 | 9.4 | 7.8 | 8.9 | 8.9 |
| E ≥ 4.9 | 6.7 | 6.9 | 8.6 | 9.2 | 7.7 | 8.8 | 8.8 |

Table B2-20 Loading Table for PWR Fuel – 876 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 48 < Assembly Average Burnup ≤ 49 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 8.4 | 8.8 | 11.3 | 12.1 | 9.9 | 11.4 | 11.4 |
| 2.9 ≤ E < 3.1 | 8.2 | 8.6 | 11.0 | 11.8 | 9.6 | 11.1 | 11.1 |
| 3.1 ≤ E < 3.3 | 8.0 | 8.4 | 10.7 | 11.6 | 9.4 | 10.9 | 10.8 |
| 3.3 ≤ E < 3.5 | 7.8 | 8.2 | 10.4 | 11.3 | 9.2 | 10.6 | 10.6 |
| 3.5 ≤ E < 3.7 | 7.7 | 8.0 | 10.2 | 11.1 | 9.0 | 10.4 | 10.4 |
| 3.7 ≤ E < 3.9 | 7.6 | 7.9 | 10.0 | 10.8 | 8.8 | 10.2 | 10.1 |
| 3.9 ≤ E < 4.1 | 7.4 | 7.8 | 9.8 | 10.6 | 8.7 | 10.0 | 9.9 |
| 4.1 ≤ E < 4.3 | 7.3 | 7.7 | 9.7 | 10.4 | 8.6 | 9.8 | 9.8 |
| 4.3 ≤ E < 4.5 | 7.2 | 7.6 | 9.5 | 10.3 | 8.4 | 9.7 | 9.7 |
| 4.5 ≤ E < 4.7 | 7.1 | 7.5 | 9.4 | 10.1 | 8.3 | 9.6 | 9.5 |
| 4.7 ≤ E < 4.9 | 7.0 | 7.4 | 9.2 | 10.0 | 8.2 | 9.4 | 9.4 |
| E ≥ 4.9 | 6.9 | 7.3 | 9.1 | 9.8 | 8.1 | 9.3 | 9.3 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 49 < Assembly Average Burnup ≤ 50 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 8.7 | 8.9 | 11.8 | 12.7 | 10.2 | 11.9 | 11.9 |
| 3.1 ≤ E < 3.3 | 8.4 | 8.7 | 11.5 | 12.4 | 10.0 | 11.7 | 11.6 |
| 3.3 ≤ E < 3.5 | 8.2 | 8.5 | 11.2 | 12.1 | 9.8 | 11.4 | 11.4 |
| 3.5 ≤ E < 3.7 | 8.1 | 8.4 | 11.0 | 11.8 | 9.6 | 11.2 | 11.1 |
| 3.7 ≤ E < 3.9 | 7.9 | 8.2 | 10.7 | 11.6 | 9.4 | 10.9 | 10.9 |
| 3.9 ≤ E < 4.1 | 7.8 | 8.0 | 10.5 | 11.4 | 9.2 | 10.7 | 10.7 |
| 4.1 ≤ E < 4.3 | 7.7 | 7.9 | 10.3 | 11.2 | 9.0 | 10.5 | 10.5 |
| 4.3 ≤ E < 4.5 | 7.6 | 7.8 | 10.1 | 11.0 | 8.9 | 10.4 | 10.3 |
| 4.5 ≤ E < 4.7 | 7.5 | 7.7 | 9.9 | 10.9 | 8.8 | 10.2 | 10.1 |
| 4.7 ≤ E < 4.9 | 7.4 | 7.6 | 9.8 | 10.7 | 8.7 | 10.0 | 10.0 |
| E ≥ 4.9 | 7.3 | 7.6 | 9.7 | 10.5 | 8.6 | 9.9 | 9.9 |

Table B2-20 Loading Table for PWR Fuel – 876 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 50 < Assembly Average Burnup ≤ 51 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 8.9 | 9.5 | 12.6 | 13.7 | 11.0 | 12.8 | 12.8 |
| 3.1 ≤ E < 3.3 | 8.7 | 9.3 | 12.2 | 13.3 | 10.7 | 12.5 | 12.4 |
| 3.3 ≤ E < 3.5 | 8.5 | 9.0 | 11.9 | 13.0 | 10.5 | 12.1 | 12.1 |
| 3.5 ≤ E < 3.7 | 8.4 | 8.8 | 11.7 | 12.7 | 10.2 | 11.9 | 11.9 |
| 3.7 ≤ E < 3.9 | 8.2 | 8.7 | 11.5 | 12.4 | 10.0 | 11.7 | 11.6 |
| 3.9 ≤ E < 4.1 | 8.0 | 8.5 | 11.2 | 12.2 | 9.8 | 11.5 | 11.4 |
| 4.1 ≤ E < 4.3 | 7.9 | 8.4 | 11.0 | 11.9 | 9.6 | 11.3 | 11.2 |
| 4.3 ≤ E < 4.5 | 7.8 | 8.2 | 10.9 | 11.8 | 9.5 | 11.1 | 11.0 |
| 4.5 ≤ E < 4.7 | 7.7 | 8.1 | 10.7 | 11.6 | 9.3 | 10.9 | 10.9 |
| 4.7 ≤ E < 4.9 | 7.6 | 8.0 | 10.5 | 11.4 | 9.2 | 10.8 | 10.7 |
| E ≥ 4.9 | 7.5 | 7.9 | 10.4 | 11.3 | 9.1 | 10.6 | 10.6 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 51 < Assembly Average Burnup ≤ 52 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 9.5 | 10.1 | 13.5 | 14.3 | 11.7 | 13.7 | 13.7 |
| 3.1 ≤ E < 3.3 | 9.2 | 9.8 | 13.2 | 13.9 | 11.5 | 13.4 | 13.4 |
| 3.3 ≤ E < 3.5 | 9.0 | 9.6 | 12.8 | 13.6 | 11.2 | 13.1 | 13.0 |
| 3.5 ≤ E < 3.7 | 8.8 | 9.4 | 12.5 | 13.3 | 10.9 | 12.8 | 12.7 |
| 3.7 ≤ E < 3.9 | 8.7 | 9.2 | 12.2 | 13.0 | 10.7 | 12.5 | 12.4 |
| 3.9 ≤ E < 4.1 | 8.5 | 9.0 | 12.0 | 12.8 | 10.4 | 12.2 | 12.2 |
| 4.1 ≤ E < 4.3 | 8.3 | 8.9 | 11.8 | 12.5 | 10.2 | 12.0 | 11.9 |
| 4.3 ≤ E < 4.5 | 8.2 | 8.7 | 11.6 | 12.3 | 10.0 | 11.8 | 11.8 |
| 4.5 ≤ E < 4.7 | 8.1 | 8.6 | 11.4 | 12.1 | 9.9 | 11.6 | 11.6 |
| 4.7 ≤ E < 4.9 | 8.0 | 8.5 | 11.2 | 11.9 | 9.8 | 11.5 | 11.5 |
| E ≥ 4.9 | 7.9 | 8.3 | 11.1 | 11.8 | 9.6 | 11.3 | 11.3 |

Table B2-20 Loading Table for PWR Fuel – 876 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 52 < Assembly Average Burnup ≤ 53 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 10.1 | 10.9 | 14.0 | 15.3 | 12.6 | 14.7 | 14.7 |
| 3.1 ≤ E < 3.3 | 9.8 | 10.5 | 13.7 | 14.9 | 12.2 | 14.3 | 14.3 |
| 3.3 ≤ E < 3.5 | 9.6 | 10.2 | 13.4 | 14.6 | 11.9 | 14.0 | 13.9 |
| 3.5 ≤ E < 3.7 | 9.3 | 10.0 | 13.1 | 14.2 | 11.6 | 13.7 | 13.6 |
| 3.7 ≤ E < 3.9 | 9.1 | 9.9 | 12.8 | 13.9 | 11.4 | 13.4 | 13.3 |
| 3.9 ≤ E < 4.1 | 8.9 | 9.6 | 12.5 | 13.7 | 11.2 | 13.1 | 13.1 |
| 4.1 ≤ E < 4.3 | 8.8 | 9.4 | 12.2 | 13.4 | 11.0 | 12.9 | 12.8 |
| 4.3 ≤ E < 4.5 | 8.7 | 9.2 | 12.0 | 13.2 | 10.8 | 12.6 | 12.6 |
| 4.5 ≤ E < 4.7 | 8.5 | 9.0 | 11.8 | 13.0 | 10.6 | 12.4 | 12.4 |
| 4.7 ≤ E < 4.9 | 8.4 | 8.9 | 11.7 | 12.8 | 10.4 | 12.2 | 12.2 |
| E ≥ 4.9 | 8.3 | 8.8 | 11.5 | 12.6 | 10.2 | 12.0 | 12.0 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 53 < Assembly Average Burnup ≤ 54 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 10.8 | 11.6 | 15.1 | 16.4 | 13.5 | 15.7 | 15.6 |
| 3.1 ≤ E < 3.3 | 10.5 | 11.3 | 14.6 | 15.9 | 13.1 | 15.3 | 15.3 |
| 3.3 ≤ E < 3.5 | 10.1 | 11.0 | 14.2 | 15.6 | 12.7 | 14.9 | 14.9 |
| 3.5 ≤ E < 3.7 | 9.9 | 10.7 | 13.9 | 15.2 | 12.4 | 14.6 | 14.6 |
| 3.7 ≤ E < 3.9 | 9.7 | 10.4 | 13.6 | 14.9 | 12.1 | 14.3 | 14.2 |
| 3.9 ≤ E < 4.1 | 9.5 | 10.2 | 13.4 | 14.6 | 11.9 | 14.0 | 14.0 |
| 4.1 ≤ E < 4.3 | 9.3 | 9.9 | 13.1 | 14.3 | 11.7 | 13.7 | 13.7 |
| 4.3 ≤ E < 4.5 | 9.1 | 9.8 | 12.9 | 14.0 | 11.5 | 13.5 | 13.5 |
| 4.5 ≤ E < 4.7 | 9.0 | 9.6 | 12.6 | 13.8 | 11.3 | 13.3 | 13.3 |
| 4.7 ≤ E < 4.9 | 8.8 | 9.5 | 12.4 | 13.6 | 11.1 | 13.1 | 13.1 |
| E ≥ 4.9 | 8.7 | 9.6 | 12.2 | 13.4 | 10.9 | 12.9 | 12.9 |

Table B2-20 Loading Table for PWR Fuel – 876 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 54 < Assembly Average Burnup ≤ 55 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 11.2 | 12.0 | 15.6 | 17.0 | 13.9 | 16.3 | 16.3 |
| 3.3 ≤ E < 3.5 | 10.9 | 11.7 | 15.2 | 16.6 | 13.6 | 15.9 | 15.9 |
| 3.5 ≤ E < 3.7 | 10.6 | 11.4 | 14.9 | 16.2 | 13.3 | 15.6 | 15.6 |
| 3.7 ≤ E < 3.9 | 10.3 | 11.2 | 14.5 | 15.9 | 13.0 | 15.3 | 15.3 |
| 3.9 ≤ E < 4.1 | 10.0 | 10.9 | 14.2 | 15.6 | 12.7 | 15.0 | 14.9 |
| 4.1 ≤ E < 4.3 | 9.9 | 10.7 | 13.9 | 15.3 | 12.4 | 14.7 | 14.6 |
| 4.3 ≤ E < 4.5 | 9.7 | 10.5 | 13.7 | 15.1 | 12.2 | 14.4 | 14.4 |
| 4.5 ≤ E < 4.7 | 9.5 | 10.2 | 13.5 | 14.8 | 12.0 | 14.1 | 14.1 |
| 4.7 ≤ E < 4.9 | 9.3 | 10.0 | 13.3 | 14.6 | 11.8 | 13.9 | 13.9 |
| E ≥ 4.9 | 9.2 | 9.9 | 13.1 | 14.3 | 11.6 | 13.8 | 13.7 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 55 < Assembly Average Burnup ≤ 56 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 11.9 | 12.8 | 16.6 | 18.1 | 14.5 | 17.4 | 17.3 |
| 3.3 ≤ E < 3.5 | 11.5 | 12.5 | 16.2 | 17.6 | 14.1 | 17.0 | 16.9 |
| 3.5 ≤ E < 3.7 | 11.3 | 12.1 | 15.8 | 17.3 | 13.7 | 16.6 | 16.6 |
| 3.7 ≤ E < 3.9 | 11.0 | 11.8 | 15.5 | 17.0 | 13.4 | 16.3 | 16.2 |
| 3.9 ≤ E < 4.1 | 10.7 | 11.6 | 15.2 | 16.6 | 13.2 | 15.9 | 15.9 |
| 4.1 ≤ E < 4.3 | 10.5 | 11.3 | 14.9 | 16.3 | 12.9 | 15.7 | 15.6 |
| 4.3 ≤ E < 4.5 | 10.2 | 11.1 | 14.6 | 16.0 | 12.6 | 15.4 | 15.3 |
| 4.5 ≤ E < 4.7 | 10.0 | 10.9 | 14.3 | 15.8 | 12.4 | 15.2 | 15.1 |
| 4.7 ≤ E < 4.9 | 9.9 | 10.7 | 14.1 | 15.6 | 12.2 | 14.9 | 14.9 |
| E ≥ 4.9 | 9.7 | 10.5 | 13.9 | 15.3 | 12.0 | 14.7 | 14.6 |

Table B2-20 Loading Table for PWR Fuel – 876 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 56 < Assembly Average Burnup ≤ 57 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 12.6 | 13.6 | 17.6 | 19.1 | 15.5 | 18.4 | 18.4 |
| 3.3 ≤ E < 3.5 | 12.3 | 13.3 | 17.2 | 18.7 | 15.0 | 18.0 | 18.0 |
| 3.5 ≤ E < 3.7 | 11.9 | 13.0 | 16.8 | 18.4 | 14.6 | 17.7 | 17.6 |
| 3.7 ≤ E < 3.9 | 11.7 | 12.6 | 16.5 | 18.0 | 14.3 | 17.3 | 17.3 |
| 3.9 ≤ E < 4.1 | 11.4 | 12.3 | 16.1 | 17.7 | 14.0 | 17.0 | 17.0 |
| 4.1 ≤ E < 4.3 | 11.2 | 12.0 | 15.8 | 17.4 | 13.7 | 16.7 | 16.7 |
| 4.3 ≤ E < 4.5 | 10.9 | 11.8 | 15.5 | 17.1 | 13.5 | 16.4 | 16.4 |
| 4.5 ≤ E < 4.7 | 10.7 | 11.6 | 15.3 | 16.8 | 13.2 | 16.1 | 16.1 |
| 4.7 ≤ E < 4.9 | 10.5 | 11.4 | 15.1 | 16.6 | 13.0 | 15.8 | 15.8 |
| E ≥ 4.9 | 10.3 | 11.2 | 14.8 | 16.3 | 12.8 | 15.7 | 15.6 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 57 < Assembly Average Burnup ≤ 58 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 13.5 | 14.5 | 18.7 | 20.1 | 16.4 | 19.5 | 19.4 |
| 3.3 ≤ E < 3.5 | 13.1 | 14.1 | 18.3 | 19.8 | 15.9 | 19.1 | 19.0 |
| 3.5 ≤ E < 3.7 | 12.7 | 13.8 | 17.9 | 19.4 | 15.6 | 18.7 | 18.7 |
| 3.7 ≤ E < 3.9 | 12.4 | 13.4 | 17.5 | 19.0 | 15.3 | 18.4 | 18.3 |
| 3.9 ≤ E < 4.1 | 12.1 | 13.1 | 17.2 | 18.7 | 14.9 | 18.0 | 18.0 |
| 4.1 ≤ E < 4.3 | 11.8 | 12.9 | 16.9 | 18.4 | 14.6 | 17.7 | 17.7 |
| 4.3 ≤ E < 4.5 | 11.6 | 12.6 | 16.5 | 18.1 | 14.3 | 17.4 | 17.4 |
| 4.5 ≤ E < 4.7 | 11.4 | 12.3 | 16.3 | 17.8 | 14.0 | 17.2 | 17.1 |
| 4.7 ≤ E < 4.9 | 11.1 | 12.1 | 16.0 | 17.5 | 13.8 | 16.9 | 16.8 |
| E ≥ 4.9 | 11.0 | 11.9 | 15.8 | 17.3 | 13.6 | 16.7 | 16.6 |

Table B2-20 Loading Table for PWR Fuel – 876 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 58 < Assembly Average Burnup ≤ 59 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 14.3 | 15.4 | 19.7 | 21.2 | 17.4 | 20.5 | 20.5 |
| 3.3 ≤ E < 3.5 | 13.9 | 15.0 | 19.3 | 20.8 | 16.9 | 20.1 | 20.1 |
| 3.5 ≤ E < 3.7 | 13.5 | 14.7 | 18.9 | 20.4 | 16.6 | 19.8 | 19.7 |
| 3.7 ≤ E < 3.9 | 13.2 | 14.3 | 18.5 | 20.1 | 16.1 | 19.4 | 19.4 |
| 3.9 ≤ E < 4.1 | 12.9 | 14.0 | 18.2 | 19.7 | 15.8 | 19.1 | 19.0 |
| 4.1 ≤ E < 4.3 | 12.6 | 13.7 | 17.8 | 19.4 | 15.5 | 18.8 | 18.7 |
| 4.3 ≤ E < 4.5 | 12.2 | 13.4 | 17.6 | 19.1 | 15.2 | 18.4 | 18.4 |
| 4.5 ≤ E < 4.7 | 12.0 | 13.1 | 17.3 | 18.9 | 14.9 | 18.2 | 18.1 |
| 4.7 ≤ E < 4.9 | 11.8 | 12.9 | 17.0 | 18.6 | 14.7 | 17.9 | 17.8 |
| E ≥ 4.9 | 11.6 | 12.7 | 16.8 | 18.4 | 14.5 | 17.6 | 17.6 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 59 < Assembly Average Burnup ≤ 60 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | - | - | - | - | - | - | - |
| 3.3 ≤ E < 3.5 | 14.7 | 15.9 | 20.2 | 21.9 | 17.9 | 20.7 | 20.6 |
| 3.5 ≤ E < 3.7 | 14.3 | 15.6 | 19.9 | 21.5 | 17.5 | 20.3 | 20.2 |
| 3.7 ≤ E < 3.9 | 13.9 | 15.2 | 19.5 | 21.1 | 17.1 | 19.9 | 19.9 |
| 3.9 ≤ E < 4.1 | 13.6 | 14.9 | 19.2 | 20.8 | 16.8 | 19.6 | 19.5 |
| 4.1 ≤ E < 4.3 | 13.3 | 14.5 | 18.8 | 20.5 | 16.4 | 19.3 | 19.2 |
| 4.3 ≤ E < 4.5 | 13.1 | 14.2 | 18.5 | 20.2 | 16.1 | 18.9 | 18.9 |
| 4.5 ≤ E < 4.7 | 12.8 | 13.9 | 18.2 | 19.9 | 15.8 | 18.7 | 18.6 |
| 4.7 ≤ E < 4.9 | 12.5 | 13.7 | 18.0 | 19.6 | 15.6 | 18.4 | 18.3 |
| E ≥ 4.9 | 12.3 | 13.5 | 17.7 | 19.4 | 15.4 | 18.2 | 18.1 |

Table B2-21 Loading Table for PWR Fuel – 800 W/Assembly

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 30 < Assembly Average Burnup ≤ 32.5 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | 4.8 | 4.9 | 5.6 | 5.7 | 5.2 | 5.6 | 5.6 |
| 2.3 ≤ E < 2.5 | 4.7 | 4.8 | 5.5 | 5.7 | 5.2 | 5.6 | 5.6 |
| 2.5 ≤ E < 2.7 | 4.7 | 4.8 | 5.4 | 5.6 | 5.1 | 5.5 | 5.5 |
| 2.7 ≤ E < 2.9 | 4.6 | 4.7 | 5.4 | 5.5 | 5.0 | 5.5 | 5.5 |
| 2.9 ≤ E < 3.1 | 4.6 | 4.7 | 5.3 | 5.5 | 5.0 | 5.4 | 5.4 |
| 3.1 ≤ E < 3.3 | 4.5 | 4.6 | 5.3 | 5.4 | 5.0 | 5.3 | 5.3 |
| 3.3 ≤ E < 3.5 | 4.5 | 4.6 | 5.2 | 5.4 | 4.9 | 5.3 | 5.3 |
| 3.5 ≤ E < 3.7 | 4.5 | 4.5 | 5.1 | 5.3 | 4.9 | 5.2 | 5.2 |
| 3.7 ≤ E < 3.9 | 4.4 | 4.5 | 5.1 | 5.3 | 4.8 | 5.2 | 5.2 |
| 3.9 ≤ E < 4.1 | 4.4 | 4.5 | 5.0 | 5.2 | 4.8 | 5.2 | 5.1 |
| 4.1 ≤ E < 4.3 | 4.4 | 4.4 | 5.0 | 5.2 | 4.8 | 5.1 | 5.1 |
| 4.3 ≤ E < 4.5 | 4.3 | 4.4 | 5.0 | 5.1 | 4.8 | 5.1 | 5.1 |
| 4.5 ≤ E < 4.7 | 4.3 | 4.4 | 5.0 | 5.1 | 4.7 | 5.0 | 5.0 |
| 4.7 ≤ E < 4.9 | 4.3 | 4.4 | 4.9 | 5.1 | 4.7 | 5.0 | 5.0 |
| E ≥ 4.9 | 4.3 | 4.3 | 4.9 | 5.0 | 4.7 | 5.0 | 5.0 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 32.5 < Assembly Average Burnup ≤ 35 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | 5.2 | 5.3 | 6.0 | 6.3 | 5.7 | 6.1 | 6.1 |
| 2.5 ≤ E < 2.7 | 5.1 | 5.2 | 6.0 | 6.2 | 5.7 | 6.0 | 6.0 |
| 2.7 ≤ E < 2.9 | 5.0 | 5.2 | 5.9 | 6.1 | 5.6 | 6.0 | 6.0 |
| 2.9 ≤ E < 3.1 | 5.0 | 5.1 | 5.9 | 6.0 | 5.5 | 5.9 | 5.9 |
| 3.1 ≤ E < 3.3 | 4.9 | 5.0 | 5.8 | 6.0 | 5.5 | 5.9 | 5.9 |
| 3.3 ≤ E < 3.5 | 4.9 | 5.0 | 5.8 | 5.9 | 5.4 | 5.8 | 5.8 |
| 3.5 ≤ E < 3.7 | 4.9 | 4.9 | 5.7 | 5.9 | 5.4 | 5.8 | 5.8 |
| 3.7 ≤ E < 3.9 | 4.8 | 4.9 | 5.7 | 5.8 | 5.3 | 5.8 | 5.8 |
| 3.9 ≤ E < 4.1 | 4.8 | 4.9 | 5.6 | 5.8 | 5.3 | 5.7 | 5.7 |
| 4.1 ≤ E < 4.3 | 4.7 | 4.8 | 5.6 | 5.8 | 5.2 | 5.7 | 5.7 |
| 4.3 ≤ E < 4.5 | 4.7 | 4.8 | 5.5 | 5.7 | 5.2 | 5.6 | 5.6 |
| 4.5 ≤ E < 4.7 | 4.7 | 4.8 | 5.5 | 5.7 | 5.2 | 5.6 | 5.6 |
| 4.7 ≤ E < 4.9 | 4.6 | 4.7 | 5.5 | 5.7 | 5.1 | 5.6 | 5.6 |
| E ≥ 4.9 | 4.6 | 4.7 | 5.4 | 5.6 | 5.1 | 5.5 | 5.5 |

Table B2-21 Loading Table for PWR Fuel – 800 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 35 < Assembly Average Burnup ≤ 37.5 Gwd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | 5.8 | 5.9 | 6.9 | 7.1 | 6.4 | 6.9 | 6.9 |
| 2.5 ≤ E < 2.7 | 5.7 | 5.8 | 6.8 | 7.0 | 6.3 | 6.8 | 6.8 |
| 2.7 ≤ E < 2.9 | 5.6 | 5.7 | 6.7 | 6.9 | 6.2 | 6.7 | 6.7 |
| 2.9 ≤ E < 3.1 | 5.5 | 5.7 | 6.6 | 6.8 | 6.1 | 6.7 | 6.7 |
| 3.1 ≤ E < 3.3 | 5.5 | 5.6 | 6.5 | 6.8 | 6.0 | 6.6 | 6.6 |
| 3.3 ≤ E < 3.5 | 5.4 | 5.5 | 6.4 | 6.7 | 6.0 | 6.5 | 6.5 |
| 3.5 ≤ E < 3.7 | 5.3 | 5.5 | 6.3 | 6.6 | 5.9 | 6.5 | 6.4 |
| 3.7 ≤ E < 3.9 | 5.3 | 5.4 | 6.3 | 6.5 | 5.9 | 6.4 | 6.4 |
| 3.9 ≤ E < 4.1 | 5.2 | 5.4 | 6.2 | 6.5 | 5.8 | 6.3 | 6.3 |
| 4.1 ≤ E < 4.3 | 5.2 | 5.3 | 6.1 | 6.4 | 5.8 | 6.3 | 6.3 |
| 4.3 ≤ E < 4.5 | 5.1 | 5.3 | 6.1 | 6.4 | 5.7 | 6.2 | 6.2 |
| 4.5 ≤ E < 4.7 | 5.1 | 5.2 | 6.0 | 6.3 | 5.7 | 6.2 | 6.2 |
| 4.7 ≤ E < 4.9 | 5.0 | 5.2 | 6.0 | 6.3 | 5.7 | 6.1 | 6.1 |
| E ≥ 4.9 | 5.0 | 5.1 | 6.0 | 6.2 | 5.6 | 6.1 | 6.1 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 37.5 < Assembly Average Burnup ≤ 40 Gwd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 6.3 | 6.5 | 7.7 | 8.1 | 7.0 | 7.8 | 7.8 |
| 2.7 ≤ E < 2.9 | 6.2 | 6.4 | 7.6 | 8.0 | 6.9 | 7.7 | 7.7 |
| 2.9 ≤ E < 3.1 | 6.1 | 6.3 | 7.5 | 7.8 | 6.9 | 7.6 | 7.6 |
| 3.1 ≤ E < 3.3 | 6.0 | 6.2 | 7.4 | 7.7 | 6.8 | 7.4 | 7.4 |
| 3.3 ≤ E < 3.5 | 5.9 | 6.1 | 7.2 | 7.6 | 6.7 | 7.3 | 7.3 |
| 3.5 ≤ E < 3.7 | 5.9 | 6.0 | 7.1 | 7.5 | 6.6 | 7.3 | 7.2 |
| 3.7 ≤ E < 3.9 | 5.8 | 6.0 | 7.1 | 7.4 | 6.5 | 7.2 | 7.1 |
| 3.9 ≤ E < 4.1 | 5.8 | 5.9 | 7.0 | 7.4 | 6.5 | 7.1 | 7.1 |
| 4.1 ≤ E < 4.3 | 5.7 | 5.9 | 6.9 | 7.3 | 6.4 | 7.0 | 7.0 |
| 4.3 ≤ E < 4.5 | 5.7 | 5.8 | 6.9 | 7.2 | 6.4 | 7.0 | 7.0 |
| 4.5 ≤ E < 4.7 | 5.6 | 5.8 | 6.8 | 7.1 | 6.3 | 6.9 | 6.9 |
| 4.7 ≤ E < 4.9 | 5.6 | 5.7 | 6.8 | 7.1 | 6.3 | 6.9 | 6.9 |
| E ≥ 4.9 | 5.5 | 5.7 | 6.7 | 7.0 | 6.2 | 6.8 | 6.8 |

Table B2-21 Loading Table for PWR Fuel – 800 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 40 < Assembly Average Burnup ≤ 41 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 6.6 | 6.8 | 8.2 | 8.7 | 7.4 | 8.3 | 8.3 |
| 2.7 ≤ E < 2.9 | 6.5 | 6.7 | 8.0 | 8.5 | 7.3 | 8.1 | 8.1 |
| 2.9 ≤ E < 3.1 | 6.4 | 6.6 | 7.9 | 8.3 | 7.2 | 8.0 | 8.0 |
| 3.1 ≤ E < 3.3 | 6.3 | 6.5 | 7.8 | 8.2 | 7.1 | 7.9 | 7.9 |
| 3.3 ≤ E < 3.5 | 6.2 | 6.4 | 7.7 | 8.0 | 7.0 | 7.8 | 7.8 |
| 3.5 ≤ E < 3.7 | 6.1 | 6.3 | 7.6 | 8.0 | 6.9 | 7.7 | 7.7 |
| 3.7 ≤ E < 3.9 | 6.0 | 6.2 | 7.5 | 7.9 | 6.8 | 7.6 | 7.6 |
| 3.9 ≤ E < 4.1 | 6.0 | 6.1 | 7.4 | 7.8 | 6.8 | 7.5 | 7.5 |
| 4.1 ≤ E < 4.3 | 5.9 | 6.1 | 7.3 | 7.7 | 6.7 | 7.4 | 7.4 |
| 4.3 ≤ E < 4.5 | 5.9 | 6.0 | 7.2 | 7.6 | 6.7 | 7.4 | 7.3 |
| 4.5 ≤ E < 4.7 | 5.8 | 6.0 | 7.1 | 7.6 | 6.6 | 7.3 | 7.3 |
| 4.7 ≤ E < 4.9 | 5.8 | 5.9 | 7.1 | 7.5 | 6.6 | 7.2 | 7.2 |
| E ≥ 4.9 | 5.7 | 5.9 | 7.0 | 7.4 | 6.5 | 7.2 | 7.2 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 41 < Assembly Average Burnup ≤ 42 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 6.9 | 7.1 | 8.7 | 9.3 | 7.8 | 8.8 | 8.8 |
| 2.7 ≤ E < 2.9 | 6.8 | 7.0 | 8.6 | 9.0 | 7.7 | 8.6 | 8.6 |
| 2.9 ≤ E < 3.1 | 6.7 | 6.9 | 8.4 | 8.9 | 7.6 | 8.5 | 8.5 |
| 3.1 ≤ E < 3.3 | 6.6 | 6.8 | 8.2 | 8.7 | 7.5 | 8.3 | 8.3 |
| 3.3 ≤ E < 3.5 | 6.5 | 6.7 | 8.1 | 8.6 | 7.3 | 8.2 | 8.2 |
| 3.5 ≤ E < 3.7 | 6.4 | 6.6 | 8.0 | 8.5 | 7.2 | 8.1 | 8.1 |
| 3.7 ≤ E < 3.9 | 6.3 | 6.5 | 7.9 | 8.3 | 7.1 | 8.0 | 8.0 |
| 3.9 ≤ E < 4.1 | 6.2 | 6.5 | 7.8 | 8.2 | 7.1 | 7.9 | 7.9 |
| 4.1 ≤ E < 4.3 | 6.1 | 6.4 | 7.7 | 8.1 | 7.0 | 7.8 | 7.8 |
| 4.3 ≤ E < 4.5 | 6.1 | 6.3 | 7.6 | 8.0 | 6.9 | 7.8 | 7.7 |
| 4.5 ≤ E < 4.7 | 6.0 | 6.3 | 7.6 | 8.0 | 6.9 | 7.7 | 7.7 |
| 4.7 ≤ E < 4.9 | 6.0 | 6.2 | 7.5 | 7.9 | 6.8 | 7.6 | 7.6 |
| E ≥ 4.9 | 5.9 | 6.1 | 7.4 | 7.8 | 6.8 | 7.6 | 7.6 |

Table B2-21 Loading Table for PWR Fuel – 800 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 42 < Assembly Average Burnup ≤ 43 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 7.3 | 7.5 | 9.3 | 9.9 | 8.3 | 9.4 | 9.4 |
| 2.7 ≤ E < 2.9 | 7.1 | 7.4 | 9.1 | 9.7 | 8.1 | 9.2 | 9.2 |
| 2.9 ≤ E < 3.1 | 7.0 | 7.2 | 8.9 | 9.5 | 8.0 | 9.0 | 9.0 |
| 3.1 ≤ E < 3.3 | 6.9 | 7.1 | 8.8 | 9.3 | 7.9 | 8.9 | 8.8 |
| 3.3 ≤ E < 3.5 | 6.8 | 7.0 | 8.6 | 9.2 | 7.8 | 8.7 | 8.7 |
| 3.5 ≤ E < 3.7 | 6.7 | 6.9 | 8.5 | 9.0 | 7.7 | 8.6 | 8.6 |
| 3.7 ≤ E < 3.9 | 6.6 | 6.8 | 8.4 | 8.9 | 7.6 | 8.5 | 8.5 |
| 3.9 ≤ E < 4.1 | 6.5 | 6.8 | 8.2 | 8.8 | 7.5 | 8.4 | 8.4 |
| 4.1 ≤ E < 4.3 | 6.5 | 6.7 | 8.1 | 8.7 | 7.4 | 8.3 | 8.3 |
| 4.3 ≤ E < 4.5 | 6.4 | 6.6 | 8.0 | 8.6 | 7.3 | 8.2 | 8.2 |
| 4.5 ≤ E < 4.7 | 6.3 | 6.6 | 8.0 | 8.5 | 7.2 | 8.1 | 8.1 |
| 4.7 ≤ E < 4.9 | 6.2 | 6.5 | 7.9 | 8.4 | 7.2 | 8.0 | 8.0 |
| E ≥ 4.9 | 6.2 | 6.4 | 7.8 | 8.3 | 7.1 | 8.0 | 8.0 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 43 < Assembly Average Burnup ≤ 44 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 7.7 | 8.0 | 10.0 | 10.8 | 8.8 | 10.0 | 10.1 |
| 2.7 ≤ E < 2.9 | 7.5 | 7.8 | 9.7 | 10.5 | 8.7 | 9.9 | 9.8 |
| 2.9 ≤ E < 3.1 | 7.4 | 7.7 | 9.5 | 10.2 | 8.5 | 9.7 | 9.6 |
| 3.1 ≤ E < 3.3 | 7.2 | 7.5 | 9.3 | 10.0 | 8.3 | 9.5 | 9.4 |
| 3.3 ≤ E < 3.5 | 7.1 | 7.4 | 9.2 | 9.8 | 8.2 | 9.3 | 9.3 |
| 3.5 ≤ E < 3.7 | 7.1 | 7.3 | 9.0 | 9.7 | 8.0 | 9.1 | 9.1 |
| 3.7 ≤ E < 3.9 | 6.9 | 7.2 | 8.9 | 9.5 | 8.0 | 9.0 | 9.0 |
| 3.9 ≤ E < 4.1 | 6.8 | 7.1 | 8.8 | 9.4 | 7.9 | 8.9 | 8.9 |
| 4.1 ≤ E < 4.3 | 6.7 | 7.0 | 8.7 | 9.2 | 7.8 | 8.8 | 8.8 |
| 4.3 ≤ E < 4.5 | 6.7 | 6.9 | 8.5 | 9.1 | 7.7 | 8.7 | 8.7 |
| 4.5 ≤ E < 4.7 | 6.6 | 6.9 | 8.5 | 9.0 | 7.6 | 8.6 | 8.6 |
| 4.7 ≤ E < 4.9 | 6.6 | 6.8 | 8.4 | 8.9 | 7.6 | 8.5 | 8.5 |
| E ≥ 4.9 | 6.5 | 6.8 | 8.3 | 8.9 | 7.5 | 8.5 | 8.4 |

Table B2-21 Loading Table for PWR Fuel – 800 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 44 < Assembly Average Burnup ≤ 45 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 7.9 | 8.2 | 10.5 | 11.4 | 9.2 | 10.6 | 10.6 |
| 2.9 ≤ E < 3.1 | 7.8 | 8.1 | 10.2 | 11.1 | 9.0 | 10.4 | 10.4 |
| 3.1 ≤ E < 3.3 | 7.6 | 7.9 | 10.0 | 10.8 | 8.8 | 10.1 | 10.1 |
| 3.3 ≤ E < 3.5 | 7.5 | 7.8 | 9.8 | 10.6 | 8.7 | 9.9 | 9.9 |
| 3.5 ≤ E < 3.7 | 7.3 | 7.7 | 9.6 | 10.4 | 8.6 | 9.8 | 9.8 |
| 3.7 ≤ E < 3.9 | 7.2 | 7.6 | 9.5 | 10.2 | 8.4 | 9.6 | 9.6 |
| 3.9 ≤ E < 4.1 | 7.1 | 7.5 | 9.3 | 10.0 | 8.3 | 9.5 | 9.5 |
| 4.1 ≤ E < 4.3 | 7.0 | 7.4 | 9.2 | 9.9 | 8.2 | 9.4 | 9.3 |
| 4.3 ≤ E < 4.5 | 7.0 | 7.3 | 9.1 | 9.8 | 8.1 | 9.2 | 9.2 |
| 4.5 ≤ E < 4.7 | 6.9 | 7.2 | 9.0 | 9.7 | 8.0 | 9.1 | 9.1 |
| 4.7 ≤ E < 4.9 | 6.8 | 7.1 | 8.9 | 9.6 | 7.9 | 9.0 | 9.0 |
| E ≥ 4.9 | 6.8 | 7.0 | 8.8 | 9.5 | 7.9 | 9.0 | 8.9 |

Note: For fuel assembly average burnup greater than 45 GWd/MTU, cool time tables have been revised to account for a 5% margin in heat load.

Table B2-22 Loading Table for PWR Fuel – 760 W/Assembly

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 45 < Assembly Average Burnup ≤ 46 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------------|-------------|--------------|-------------|-------------|--------------|
| | CE 14×14 | WE 14×14 | WE 15×15 | B&W 15×15 | CE 16×16 | WE 17×17 | B&W 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 9.2 | 9.8 | 12.8 | 13.9 | 11.2 | 13.0 | 13.0 |
| 2.9 ≤ E < 3.1 | 9.0 | 9.6 | 12.5 | 13.6 | 10.9 | 12.7 | 12.7 |
| 3.1 ≤ E < 3.3 | 8.9 | 9.4 | 12.1 | 13.3 | 10.6 | 12.4 | 12.4 |
| 3.3 ≤ E < 3.5 | 8.7 | 9.1 | 11.9 | 13.0 | 10.4 | 12.1 | 12.1 |
| 3.5 ≤ E < 3.7 | 8.6 | 9.0 | 11.8 | 12.8 | 10.2 | 11.9 | 11.9 |
| 3.7 ≤ E < 3.9 | 8.4 | 8.8 | 11.6 | 12.5 | 10.0 | 11.8 | 11.7 |
| 3.9 ≤ E < 4.1 | 8.3 | 8.7 | 11.4 | 12.3 | 9.9 | 11.6 | 11.5 |
| 4.1 ≤ E < 4.3 | 8.1 | 8.6 | 11.2 | 12.2 | 9.7 | 11.4 | 11.4 |
| 4.3 ≤ E < 4.5 | 8.0 | 8.5 | 11.1 | 12.0 | 9.6 | 11.3 | 11.3 |
| 4.5 ≤ E < 4.7 | 7.9 | 8.4 | 10.9 | 11.9 | 9.5 | 11.2 | 11.1 |
| 4.7 ≤ E < 4.9 | 7.9 | 8.3 | 10.8 | 11.7 | 9.4 | 11.0 | 11.0 |
| E ≥ 4.9 | 7.8 | 8.2 | 10.7 | 11.6 | 9.3 | 10.9 | 10.9 |

Table B2-22 Loading Table for PWR Fuel – 760 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 46 < Assembly Average Burnup ≤ 47 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------------|-------------|--------------|-------------|-------------|--------------|
| | CE 14×14 | WE 14×14 | WE 15×15 | B&W 15×15 | CE 16×16 | WE 17×17 | B&W 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 9.9 | 10.6 | 13.8 | 15.0 | 12.0 | 13.9 | 13.9 |
| 2.9 ≤ E < 3.1 | 9.7 | 10.3 | 13.5 | 14.7 | 11.7 | 13.7 | 13.7 |
| 3.1 ≤ E < 3.3 | 9.4 | 10.0 | 13.2 | 14.4 | 11.4 | 13.4 | 13.4 |
| 3.3 ≤ E < 3.5 | 9.2 | 9.8 | 12.9 | 14.0 | 11.2 | 13.1 | 13.1 |
| 3.5 ≤ E < 3.7 | 9.0 | 9.6 | 12.7 | 13.8 | 11.0 | 12.9 | 12.8 |
| 3.7 ≤ E < 3.9 | 8.9 | 9.4 | 12.4 | 13.6 | 10.8 | 12.6 | 12.6 |
| 3.9 ≤ E < 4.1 | 8.8 | 9.3 | 12.2 | 13.4 | 10.6 | 12.5 | 12.4 |
| 4.1 ≤ E < 4.3 | 8.6 | 9.1 | 12.0 | 13.2 | 10.4 | 12.2 | 12.2 |
| 4.3 ≤ E < 4.5 | 8.5 | 9.0 | 11.8 | 13.0 | 10.3 | 12.1 | 12.0 |
| 4.5 ≤ E < 4.7 | 8.4 | 8.9 | 11.7 | 12.8 | 10.1 | 11.9 | 11.9 |
| 4.7 ≤ E < 4.9 | 8.3 | 8.8 | 11.6 | 12.7 | 10.0 | 11.8 | 11.8 |
| E ≥ 4.9 | 8.2 | 8.7 | 11.5 | 12.5 | 9.9 | 11.7 | 11.7 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 47 < Assembly Average Burnup ≤ 48 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE 14×14 | WE 14×14 | WE 15×15 | B&W 15×15 | CE 16×16 | WE 17×17 | B&W 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 10.6 | 11.4 | 14.9 | 16.1 | 12.9 | 15.1 | 15.1 |
| 2.9 ≤ E < 3.1 | 10.4 | 11.1 | 14.5 | 15.8 | 12.5 | 14.7 | 14.7 |
| 3.1 ≤ E < 3.3 | 10.0 | 10.8 | 14.1 | 15.5 | 12.2 | 14.4 | 14.4 |
| 3.3 ≤ E < 3.5 | 9.9 | 10.5 | 13.9 | 15.2 | 12.0 | 14.1 | 14.0 |
| 3.5 ≤ E < 3.7 | 9.6 | 10.3 | 13.6 | 14.9 | 11.8 | 13.8 | 13.8 |
| 3.7 ≤ E < 3.9 | 9.5 | 10.1 | 13.4 | 14.6 | 11.6 | 13.6 | 13.6 |
| 3.9 ≤ E < 4.1 | 9.3 | 9.9 | 13.2 | 14.4 | 11.4 | 13.4 | 13.4 |
| 4.1 ≤ E < 4.3 | 9.1 | 9.8 | 13.0 | 14.1 | 11.2 | 13.2 | 13.2 |
| 4.3 ≤ E < 4.5 | 9.0 | 9.6 | 12.8 | 14.0 | 11.1 | 13.0 | 13.0 |
| 4.5 ≤ E < 4.7 | 8.9 | 9.5 | 12.6 | 13.8 | 10.9 | 12.9 | 12.8 |
| 4.7 ≤ E < 4.9 | 8.8 | 9.3 | 12.4 | 13.6 | 10.8 | 12.7 | 12.7 |
| E ≥ 4.9 | 8.7 | 9.2 | 12.3 | 13.5 | 10.7 | 12.5 | 12.5 |

Table B2-22 Loading Table for PWR Fuel – 760 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 48 < Assembly Average Burnup ≤ 49 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 11.4 | 12.2 | 16.0 | 17.3 | 13.9 | 16.2 | 16.2 |
| 2.9 ≤ E < 3.1 | 11.1 | 11.8 | 15.6 | 17.0 | 13.5 | 15.8 | 15.8 |
| 3.1 ≤ E < 3.3 | 10.8 | 11.6 | 15.3 | 16.6 | 13.2 | 15.5 | 15.5 |
| 3.3 ≤ E < 3.5 | 10.6 | 11.3 | 14.9 | 16.3 | 12.9 | 15.2 | 15.2 |
| 3.5 ≤ E < 3.7 | 10.3 | 11.1 | 14.7 | 16.0 | 12.7 | 14.9 | 14.9 |
| 3.7 ≤ E < 3.9 | 10.1 | 10.9 | 14.4 | 15.7 | 12.4 | 14.6 | 14.6 |
| 3.9 ≤ E < 4.1 | 9.9 | 10.7 | 14.1 | 15.5 | 12.1 | 14.4 | 14.4 |
| 4.1 ≤ E < 4.3 | 9.7 | 10.4 | 13.9 | 15.2 | 12.0 | 14.1 | 14.1 |
| 4.3 ≤ E < 4.5 | 9.6 | 10.2 | 13.7 | 15.0 | 11.8 | 13.9 | 13.9 |
| 4.5 ≤ E < 4.7 | 9.5 | 10.1 | 13.5 | 14.9 | 11.7 | 13.8 | 13.8 |
| 4.7 ≤ E < 4.9 | 9.3 | 9.9 | 13.4 | 14.6 | 11.5 | 13.6 | 13.6 |
| E ≥ 4.9 | 9.2 | 9.8 | 13.2 | 14.5 | 11.4 | 13.5 | 13.5 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 49 < Assembly Average Burnup ≤ 50 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 11.9 | 12.4 | 16.8 | 18.2 | 14.5 | 17.0 | 17.0 |
| 3.1 ≤ E < 3.3 | 11.6 | 12.1 | 16.4 | 17.8 | 14.1 | 16.6 | 16.6 |
| 3.3 ≤ E < 3.5 | 11.3 | 11.8 | 16.0 | 17.5 | 13.8 | 16.3 | 16.2 |
| 3.5 ≤ E < 3.7 | 11.1 | 11.6 | 15.7 | 17.2 | 13.6 | 16.0 | 16.0 |
| 3.7 ≤ E < 3.9 | 10.8 | 11.4 | 15.5 | 16.9 | 13.3 | 15.7 | 15.7 |
| 3.9 ≤ E < 4.1 | 10.6 | 11.2 | 15.2 | 16.6 | 13.1 | 15.5 | 15.5 |
| 4.1 ≤ E < 4.3 | 10.4 | 11.0 | 14.9 | 16.3 | 12.9 | 15.3 | 15.2 |
| 4.3 ≤ E < 4.5 | 10.2 | 10.8 | 14.7 | 16.1 | 12.7 | 15.0 | 15.0 |
| 4.5 ≤ E < 4.7 | 10.1 | 10.6 | 14.5 | 15.9 | 12.5 | 14.9 | 14.8 |
| 4.7 ≤ E < 4.9 | 9.9 | 10.5 | 14.3 | 15.7 | 12.3 | 14.6 | 14.6 |
| E ≥ 4.9 | 9.8 | 10.3 | 14.1 | 15.5 | 12.2 | 14.5 | 14.5 |

Table B2-22 Loading Table for PWR Fuel – 760 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 50 < Assembly Average Burnup ≤ 51 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 12.4 | 13.4 | 17.8 | 19.3 | 15.6 | 18.1 | 18.1 |
| 3.1 ≤ E < 3.3 | 12.1 | 13.1 | 17.5 | 19.0 | 15.2 | 17.8 | 17.8 |
| 3.3 ≤ E < 3.5 | 11.8 | 12.7 | 17.2 | 18.7 | 14.9 | 17.4 | 17.4 |
| 3.5 ≤ E < 3.7 | 11.5 | 12.4 | 16.8 | 18.3 | 14.5 | 17.2 | 17.1 |
| 3.7 ≤ E < 3.9 | 11.3 | 12.1 | 16.5 | 18.0 | 14.3 | 16.9 | 16.8 |
| 3.9 ≤ E < 4.1 | 11.1 | 11.9 | 16.2 | 17.7 | 14.0 | 16.6 | 16.5 |
| 4.1 ≤ E < 4.3 | 10.9 | 11.7 | 16.0 | 17.5 | 13.8 | 16.3 | 16.3 |
| 4.3 ≤ E < 4.5 | 10.7 | 11.5 | 15.8 | 17.3 | 13.6 | 16.1 | 16.0 |
| 4.5 ≤ E < 4.7 | 10.5 | 11.4 | 15.5 | 17.1 | 13.4 | 15.8 | 15.9 |
| 4.7 ≤ E < 4.9 | 10.4 | 11.2 | 15.3 | 16.8 | 13.2 | 15.7 | 15.7 |
| E ≥ 4.9 | 10.2 | 11.1 | 15.2 | 16.7 | 13.1 | 15.5 | 15.5 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 51 < Assembly Average Burnup ≤ 52 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 13.3 | 14.3 | 19.0 | 20.1 | 16.7 | 19.4 | 19.3 |
| 3.1 ≤ E < 3.3 | 12.9 | 14.0 | 18.6 | 19.7 | 16.3 | 19.0 | 18.9 |
| 3.3 ≤ E < 3.5 | 12.6 | 13.6 | 18.2 | 19.4 | 15.9 | 18.6 | 18.6 |
| 3.5 ≤ E < 3.7 | 12.3 | 13.3 | 17.9 | 19.1 | 15.6 | 18.3 | 18.3 |
| 3.7 ≤ E < 3.9 | 12.0 | 13.1 | 17.6 | 18.8 | 15.3 | 18.0 | 17.9 |
| 3.9 ≤ E < 4.1 | 11.8 | 12.8 | 17.4 | 18.5 | 15.0 | 17.7 | 17.7 |
| 4.1 ≤ E < 4.3 | 11.6 | 12.5 | 17.1 | 18.2 | 14.8 | 17.5 | 17.4 |
| 4.3 ≤ E < 4.5 | 11.4 | 12.3 | 16.8 | 18.0 | 14.5 | 17.3 | 17.2 |
| 4.5 ≤ E < 4.7 | 11.2 | 12.1 | 16.6 | 17.7 | 14.4 | 17.0 | 17.0 |
| 4.7 ≤ E < 4.9 | 11.1 | 11.9 | 16.4 | 17.5 | 14.1 | 16.8 | 16.8 |
| E ≥ 4.9 | 10.9 | 11.8 | 16.2 | 17.4 | 13.9 | 16.6 | 16.5 |

Table B2-22 Loading Table for PWR Fuel – 760 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 52 < Assembly Average Burnup ≤ 53 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 14.2 | 15.3 | 19.7 | 21.3 | 17.8 | 20.5 | 20.5 |
| 3.1 ≤ E < 3.3 | 13.8 | 15.0 | 19.3 | 20.9 | 17.4 | 20.1 | 20.1 |
| 3.3 ≤ E < 3.5 | 13.5 | 14.6 | 18.9 | 20.6 | 17.1 | 19.8 | 19.7 |
| 3.5 ≤ E < 3.7 | 13.1 | 14.3 | 18.6 | 20.3 | 16.7 | 19.5 | 19.4 |
| 3.7 ≤ E < 3.9 | 12.9 | 14.2 | 18.3 | 19.9 | 16.4 | 19.2 | 19.1 |
| 3.9 ≤ E < 4.1 | 12.6 | 13.7 | 18.0 | 19.6 | 16.0 | 18.9 | 18.8 |
| 4.1 ≤ E < 4.3 | 12.3 | 13.5 | 17.7 | 19.4 | 15.8 | 18.6 | 18.5 |
| 4.3 ≤ E < 4.5 | 12.1 | 13.2 | 17.5 | 19.1 | 15.6 | 18.4 | 18.3 |
| 4.5 ≤ E < 4.7 | 11.9 | 13.0 | 17.3 | 18.8 | 15.3 | 18.2 | 18.1 |
| 4.7 ≤ E < 4.9 | 11.8 | 12.8 | 17.0 | 18.7 | 15.2 | 17.9 | 17.8 |
| E ≥ 4.9 | 11.6 | 12.6 | 16.9 | 18.5 | 14.9 | 17.7 | 17.7 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 53 < Assembly Average Burnup ≤ 54 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 15.2 | 16.4 | 20.9 | 22.5 | 18.9 | 21.7 | 21.6 |
| 3.1 ≤ E < 3.3 | 14.8 | 16.0 | 20.4 | 22.1 | 18.5 | 21.3 | 21.3 |
| 3.3 ≤ E < 3.5 | 14.4 | 15.6 | 20.0 | 21.8 | 18.1 | 21.0 | 20.9 |
| 3.5 ≤ E < 3.7 | 14.0 | 15.2 | 19.7 | 21.4 | 17.7 | 20.6 | 20.6 |
| 3.7 ≤ E < 3.9 | 13.7 | 14.9 | 19.4 | 21.1 | 17.4 | 20.3 | 20.3 |
| 3.9 ≤ E < 4.1 | 13.4 | 14.6 | 19.1 | 20.8 | 17.2 | 20.1 | 20.0 |
| 4.1 ≤ E < 4.3 | 13.2 | 14.4 | 18.9 | 20.5 | 16.9 | 19.8 | 19.7 |
| 4.3 ≤ E < 4.5 | 12.9 | 14.1 | 18.6 | 20.3 | 16.6 | 19.5 | 19.5 |
| 4.5 ≤ E < 4.7 | 12.7 | 13.9 | 18.3 | 20.1 | 16.4 | 19.3 | 19.2 |
| 4.7 ≤ E < 4.9 | 12.5 | 13.6 | 18.1 | 19.8 | 16.1 | 19.0 | 19.0 |
| E ≥ 4.9 | 12.4 | 13.9 | 17.9 | 19.6 | 15.9 | 18.8 | 18.8 |

Table B2-22 Loading Table for PWR Fuel – 760 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 54 < Assembly Average Burnup ≤ 55 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 15.7 | 17.1 | 21.6 | 23.2 | 19.6 | 22.5 | 22.4 |
| 3.3 ≤ E < 3.5 | 15.4 | 17.7 | 21.2 | 22.9 | 19.2 | 22.1 | 22.1 |
| 3.5 ≤ E < 3.7 | 15.0 | 16.3 | 20.9 | 22.6 | 18.9 | 21.8 | 21.8 |
| 3.7 ≤ E < 3.9 | 14.6 | 16.0 | 20.6 | 22.2 | 18.5 | 21.5 | 21.5 |
| 3.9 ≤ E < 4.1 | 14.4 | 15.7 | 20.2 | 21.9 | 18.3 | 21.2 | 21.2 |
| 4.1 ≤ E < 4.3 | 14.1 | 15.4 | 19.9 | 21.7 | 18.0 | 20.9 | 20.9 |
| 4.3 ≤ E < 4.5 | 13.8 | 15.1 | 19.7 | 21.4 | 17.7 | 20.7 | 20.6 |
| 4.5 ≤ E < 4.7 | 13.6 | 14.9 | 19.4 | 21.2 | 17.5 | 20.5 | 20.4 |
| 4.7 ≤ E < 4.9 | 13.4 | 14.6 | 19.2 | 21.0 | 17.2 | 20.2 | 20.1 |
| E ≥ 4.9 | 13.2 | 14.4 | 19.0 | 20.7 | 17.0 | 19.9 | 19.9 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 55 < Assembly Average Burnup ≤ 56 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 16.8 | 18.1 | 22.7 | 24.4 | 20.2 | 23.6 | 23.6 |
| 3.3 ≤ E < 3.5 | 16.3 | 17.7 | 22.4 | 24.1 | 19.8 | 23.3 | 23.3 |
| 3.5 ≤ E < 3.7 | 15.9 | 17.3 | 21.9 | 23.7 | 19.5 | 23.0 | 22.9 |
| 3.7 ≤ E < 3.9 | 15.6 | 17.0 | 21.7 | 23.4 | 19.2 | 22.6 | 22.6 |
| 3.9 ≤ E < 4.1 | 15.3 | 16.7 | 21.4 | 23.1 | 18.8 | 22.4 | 22.3 |
| 4.1 ≤ E < 4.3 | 15.0 | 16.4 | 21.0 | 22.9 | 18.5 | 22.1 | 22.0 |
| 4.3 ≤ E < 4.5 | 14.8 | 16.1 | 20.8 | 22.6 | 18.3 | 21.8 | 21.8 |
| 4.5 ≤ E < 4.7 | 14.5 | 15.8 | 20.5 | 22.4 | 17.9 | 21.6 | 21.5 |
| 4.7 ≤ E < 4.9 | 14.3 | 15.6 | 20.3 | 22.2 | 17.8 | 21.3 | 21.3 |
| E ≥ 4.9 | 14.0 | 15.4 | 20.0 | 21.9 | 17.6 | 21.1 | 21.1 |

Table B2-22 Loading Table for PWR Fuel – 760 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 56 < Assembly Average Burnup ≤ 57 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 17.7 | 19.2 | 23.8 | 25.6 | 21.3 | 24.7 | 24.7 |
| 3.3 ≤ E < 3.5 | 17.3 | 18.8 | 23.4 | 25.2 | 20.9 | 24.4 | 24.4 |
| 3.5 ≤ E < 3.7 | 16.9 | 18.4 | 23.1 | 24.9 | 20.5 | 24.0 | 24.0 |
| 3.7 ≤ E < 3.9 | 16.6 | 18.1 | 22.7 | 24.6 | 20.2 | 23.7 | 23.7 |
| 3.9 ≤ E < 4.1 | 16.2 | 17.7 | 22.4 | 24.3 | 19.9 | 23.5 | 23.5 |
| 4.1 ≤ E < 4.3 | 15.9 | 17.4 | 22.2 | 24.0 | 19.6 | 23.2 | 23.2 |
| 4.3 ≤ E < 4.5 | 15.7 | 17.1 | 21.9 | 23.8 | 19.3 | 23.0 | 22.9 |
| 4.5 ≤ E < 4.7 | 15.4 | 16.8 | 21.6 | 23.5 | 19.1 | 22.7 | 22.6 |
| 4.7 ≤ E < 4.9 | 15.2 | 16.6 | 21.4 | 23.3 | 18.8 | 22.5 | 22.4 |
| E ≥ 4.9 | 15.0 | 16.4 | 21.2 | 23.0 | 18.6 | 22.2 | 22.2 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 57 < Assembly Average Burnup ≤ 58 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 18.8 | 20.2 | 24.9 | 26.7 | 22.3 | 25.8 | 25.8 |
| 3.3 ≤ E < 3.5 | 18.3 | 19.9 | 24.6 | 26.3 | 22.0 | 25.5 | 25.5 |
| 3.5 ≤ E < 3.7 | 17.9 | 19.5 | 24.2 | 26.0 | 21.6 | 25.2 | 25.2 |
| 3.7 ≤ E < 3.9 | 17.6 | 19.1 | 23.9 | 25.7 | 21.3 | 24.9 | 24.8 |
| 3.9 ≤ E < 4.1 | 17.3 | 18.8 | 23.6 | 25.4 | 20.9 | 24.6 | 24.6 |
| 4.1 ≤ E < 4.3 | 16.9 | 18.4 | 23.3 | 25.1 | 20.6 | 24.4 | 24.3 |
| 4.3 ≤ E < 4.5 | 16.6 | 18.1 | 23.0 | 24.9 | 20.4 | 24.1 | 24.0 |
| 4.5 ≤ E < 4.7 | 16.3 | 17.9 | 22.8 | 24.6 | 20.0 | 23.8 | 23.8 |
| 4.7 ≤ E < 4.9 | 16.1 | 17.6 | 22.5 | 24.4 | 19.9 | 23.6 | 23.6 |
| E ≥ 4.9 | 15.8 | 17.4 | 22.3 | 24.2 | 19.7 | 23.4 | 23.3 |

Table B2-22 Loading Table for PWR Fuel – 760 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 58 < Assembly Average Burnup ≤ 59 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 19.8 | 21.3 | 25.9 | 27.7 | 23.4 | 26.9 | 26.9 |
| 3.3 ≤ E < 3.5 | 19.3 | 20.9 | 25.6 | 27.4 | 23.0 | 26.7 | 26.6 |
| 3.5 ≤ E < 3.7 | 18.9 | 20.5 | 25.3 | 27.1 | 22.7 | 26.3 | 26.2 |
| 3.7 ≤ E < 3.9 | 18.6 | 20.2 | 24.9 | 26.8 | 22.3 | 26.0 | 25.9 |
| 3.9 ≤ E < 4.1 | 18.2 | 19.8 | 24.6 | 26.5 | 22.0 | 25.7 | 25.7 |
| 4.1 ≤ E < 4.3 | 17.9 | 19.5 | 24.3 | 26.2 | 21.7 | 25.5 | 25.4 |
| 4.3 ≤ E < 4.5 | 17.6 | 19.2 | 24.1 | 26.0 | 21.4 | 25.2 | 25.2 |
| 4.5 ≤ E < 4.7 | 17.3 | 18.9 | 23.9 | 25.8 | 21.2 | 25.0 | 24.9 |
| 4.7 ≤ E < 4.9 | 17.1 | 18.7 | 23.6 | 25.5 | 20.9 | 24.7 | 24.7 |
| E ≥ 4.9 | 16.8 | 18.4 | 23.4 | 25.3 | 20.7 | 24.5 | 24.4 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 59 < Assembly Average Burnup ≤ 60 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | CE | WE | WE | B&W | CE | WE | B&W |
| | 14×14 | 14×14 | 15×15 | 15×15 | 16×16 | 17×17 | 17×17 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | - | - | - | - | - | - | - |
| 3.3 ≤ E < 3.5 | 20.3 | 22.0 | 26.7 | 28.4 | 24.1 | 27.2 | 27.1 |
| 3.5 ≤ E < 3.7 | 20.0 | 21.5 | 26.4 | 28.1 | 23.7 | 26.8 | 26.7 |
| 3.7 ≤ E < 3.9 | 19.6 | 21.2 | 26.0 | 27.8 | 23.4 | 26.5 | 26.5 |
| 3.9 ≤ E < 4.1 | 19.3 | 20.8 | 25.7 | 27.6 | 23.1 | 26.2 | 26.2 |
| 4.1 ≤ E < 4.3 | 18.9 | 20.5 | 25.4 | 27.3 | 22.7 | 26.0 | 25.9 |
| 4.3 ≤ E < 4.5 | 18.6 | 20.2 | 25.2 | 27.1 | 22.5 | 25.7 | 25.6 |
| 4.5 ≤ E < 4.7 | 18.3 | 20.0 | 24.9 | 26.8 | 22.2 | 25.5 | 25.4 |
| 4.7 ≤ E < 4.9 | 18.0 | 19.7 | 24.7 | 26.6 | 22.0 | 25.2 | 25.2 |
| E ≥ 4.9 | 17.7 | 19.5 | 24.4 | 26.4 | 21.7 | 25.0 | 24.9 |

Table B2-23 Loading Table for BWR Fuel – 379 W/Assembly

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 30 < Assembly Average Burnup ≤ 32.5 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|---------|---------|---------|---------|---------|---------|
| | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/4-6 |
| | 7×7 | 7×7 | 8×8 | 8×8 | 9×9 | 9×9 | 10×10 |
| 2.1 ≤ E < 2.3 | 4.3 | 4.6 | 4.0 | 4.5 | 4.0 | 4.5 | 4.4 |
| 2.3 ≤ E < 2.5 | 4.2 | 4.6 | 4.0 | 4.5 | 4.0 | 4.4 | 4.4 |
| 2.5 ≤ E < 2.7 | 4.2 | 4.5 | 4.0 | 4.4 | 4.0 | 4.4 | 4.3 |
| 2.7 ≤ E < 2.9 | 4.1 | 4.5 | 4.0 | 4.4 | 4.0 | 4.3 | 4.3 |
| 2.9 ≤ E < 3.1 | 4.1 | 4.4 | 4.0 | 4.3 | 4.0 | 4.3 | 4.2 |
| 3.1 ≤ E < 3.3 | 4.0 | 4.4 | 4.0 | 4.3 | 4.0 | 4.2 | 4.2 |
| 3.3 ≤ E < 3.5 | 4.0 | 4.3 | 4.0 | 4.2 | 4.0 | 4.2 | 4.1 |
| 3.5 ≤ E < 3.7 | 4.0 | 4.3 | 4.0 | 4.2 | 4.0 | 4.2 | 4.1 |
| 3.7 ≤ E < 3.9 | 4.0 | 4.3 | 4.0 | 4.2 | 4.0 | 4.1 | 4.0 |
| 3.9 ≤ E < 4.1 | 4.0 | 4.2 | 4.0 | 4.1 | 4.0 | 4.1 | 4.0 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.2 | 4.0 | 4.1 | 4.0 | 4.1 | 4.0 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.2 | 4.0 | 4.1 | 4.0 | 4.0 | 4.0 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| E ≥ 4.9 | 4.0 | 4.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 32.5 < Assembly Average Burnup ≤ 35 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/4-6 |
| | 7×7 | 7×7 | 8×8 | 8×8 | 9×9 | 9×9 | 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | 4.7 | 5.0 | 4.3 | 4.9 | 4.0 | 4.9 | 4.8 |
| 2.5 ≤ E < 2.7 | 4.6 | 4.9 | 4.3 | 4.8 | 4.0 | 4.8 | 4.7 |
| 2.7 ≤ E < 2.9 | 4.5 | 4.9 | 4.2 | 4.8 | 4.0 | 4.7 | 4.6 |
| 2.9 ≤ E < 3.1 | 4.5 | 4.8 | 4.2 | 4.7 | 4.0 | 4.7 | 4.6 |
| 3.1 ≤ E < 3.3 | 4.4 | 4.8 | 4.1 | 4.7 | 4.0 | 4.6 | 4.5 |
| 3.3 ≤ E < 3.5 | 4.4 | 4.7 | 4.0 | 4.6 | 4.0 | 4.6 | 4.5 |
| 3.5 ≤ E < 3.7 | 4.3 | 4.7 | 4.0 | 4.6 | 4.0 | 4.5 | 4.5 |
| 3.7 ≤ E < 3.9 | 4.3 | 4.6 | 4.0 | 4.5 | 4.0 | 4.5 | 4.4 |
| 3.9 ≤ E < 4.1 | 4.2 | 4.6 | 4.0 | 4.5 | 4.0 | 4.5 | 4.4 |
| 4.1 ≤ E < 4.3 | 4.2 | 4.5 | 4.0 | 4.5 | 4.0 | 4.4 | 4.3 |
| 4.3 ≤ E < 4.5 | 4.2 | 4.5 | 4.0 | 4.4 | 4.0 | 4.4 | 4.3 |
| 4.5 ≤ E < 4.7 | 4.1 | 4.5 | 4.0 | 4.4 | 4.0 | 4.4 | 4.3 |
| 4.7 ≤ E < 4.9 | 4.1 | 4.5 | 4.0 | 4.4 | 4.0 | 4.3 | 4.2 |
| E ≥ 4.9 | 4.1 | 4.4 | 4.0 | 4.3 | 4.0 | 4.3 | 4.2 |

Table B2-23 Loading Table for BWR Fuel – 379 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 35 < Assembly Average Burnup ≤ 37.5 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|---------|---------|---------|---------|---------|---------|
| | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/4-6 |
| | 7×7 | 7×7 | 8×8 | 8×8 | 9×9 | 9×9 | 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | 5.2 | 5.6 | 4.7 | 5.4 | 4.4 | 5.4 | 5.2 |
| 2.5 ≤ E < 2.7 | 5.1 | 5.5 | 4.7 | 5.3 | 4.3 | 5.3 | 5.2 |
| 2.7 ≤ E < 2.9 | 5.0 | 5.4 | 4.6 | 5.3 | 4.3 | 5.2 | 5.1 |
| 2.9 ≤ E < 3.1 | 4.9 | 5.4 | 4.5 | 5.2 | 4.2 | 5.1 | 5.0 |
| 3.1 ≤ E < 3.3 | 4.9 | 5.3 | 4.5 | 5.1 | 4.1 | 5.1 | 4.9 |
| 3.3 ≤ E < 3.5 | 4.8 | 5.2 | 4.4 | 5.0 | 4.1 | 5.0 | 4.9 |
| 3.5 ≤ E < 3.7 | 4.8 | 5.1 | 4.4 | 5.0 | 4.0 | 4.9 | 4.8 |
| 3.7 ≤ E < 3.9 | 4.7 | 5.1 | 4.3 | 4.9 | 4.0 | 4.9 | 4.8 |
| 3.9 ≤ E < 4.1 | 4.6 | 5.0 | 4.3 | 4.9 | 4.0 | 4.9 | 4.7 |
| 4.1 ≤ E < 4.3 | 4.6 | 5.0 | 4.3 | 4.9 | 4.0 | 4.8 | 4.7 |
| 4.3 ≤ E < 4.5 | 4.6 | 4.9 | 4.2 | 4.8 | 4.0 | 4.8 | 4.7 |
| 4.5 ≤ E < 4.7 | 4.5 | 4.9 | 4.2 | 4.8 | 4.0 | 4.7 | 4.6 |
| 4.7 ≤ E < 4.9 | 4.5 | 4.9 | 4.1 | 4.7 | 4.0 | 4.7 | 4.6 |
| E ≥ 4.9 | 4.5 | 4.9 | 4.1 | 4.7 | 4.0 | 4.7 | 4.6 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 37.5 < Assembly Average Burnup ≤ 40 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/4-6 |
| | 7×7 | 7×7 | 8×8 | 8×8 | 9×9 | 9×9 | 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 5.7 | 6.1 | 5.2 | 5.9 | 4.7 | 5.9 | 5.7 |
| 2.7 ≤ E < 2.9 | 5.6 | 6.0 | 5.1 | 5.8 | 4.6 | 5.8 | 5.7 |
| 2.9 ≤ E < 3.1 | 5.5 | 5.9 | 5.0 | 5.8 | 4.6 | 5.7 | 5.6 |
| 3.1 ≤ E < 3.3 | 5.5 | 5.9 | 4.9 | 5.7 | 4.5 | 5.6 | 5.5 |
| 3.3 ≤ E < 3.5 | 5.4 | 5.8 | 4.9 | 5.6 | 4.4 | 5.6 | 5.4 |
| 3.5 ≤ E < 3.7 | 5.3 | 5.7 | 4.8 | 5.6 | 4.4 | 5.5 | 5.4 |
| 3.7 ≤ E < 3.9 | 5.2 | 5.7 | 4.7 | 5.5 | 4.3 | 5.4 | 5.3 |
| 3.9 ≤ E < 4.1 | 5.2 | 5.6 | 4.7 | 5.4 | 4.3 | 5.4 | 5.2 |
| 4.1 ≤ E < 4.3 | 5.1 | 5.6 | 4.6 | 5.4 | 4.3 | 5.3 | 5.2 |
| 4.3 ≤ E < 4.5 | 5.0 | 5.5 | 4.6 | 5.3 | 4.2 | 5.3 | 5.1 |
| 4.5 ≤ E < 4.7 | 5.0 | 5.5 | 4.5 | 5.3 | 4.2 | 5.2 | 5.0 |
| 4.7 ≤ E < 4.9 | 5.0 | 5.4 | 4.5 | 5.2 | 4.1 | 5.2 | 5.0 |
| E ≥ 4.9 | 4.9 | 5.4 | 4.5 | 5.2 | 4.1 | 5.1 | 5.0 |

Table B2-23 Loading Table for BWR Fuel – 379 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 40 < Assembly Average Burnup ≤ 41 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|----------------|----------------|----------------|----------------|----------------|------------------|
| | BWR/2-3 7×7 | BWR/4-6 7×7 | BWR/2-3 8×8 | BWR/4-6 8×8 | BWR/2-3 9×9 | BWR/4-6 9×9 | BWR/4-6 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 6.0 | 6.5 | 5.4 | 6.2 | 4.9 | 6.1 | 6.0 |
| 2.7 ≤ E < 2.9 | 5.9 | 6.4 | 5.3 | 6.1 | 4.8 | 6.0 | 5.9 |
| 2.9 ≤ E < 3.1 | 5.8 | 6.2 | 5.2 | 6.0 | 4.7 | 5.9 | 5.8 |
| 3.1 ≤ E < 3.3 | 5.7 | 6.1 | 5.1 | 5.9 | 4.7 | 5.9 | 5.7 |
| 3.3 ≤ E < 3.5 | 5.6 | 6.0 | 5.0 | 5.9 | 4.6 | 5.8 | 5.6 |
| 3.5 ≤ E < 3.7 | 5.5 | 6.0 | 5.0 | 5.8 | 4.5 | 5.7 | 5.6 |
| 3.7 ≤ E < 3.9 | 5.5 | 5.9 | 4.9 | 5.7 | 4.5 | 5.7 | 5.5 |
| 3.9 ≤ E < 4.1 | 5.4 | 5.9 | 4.9 | 5.7 | 4.4 | 5.6 | 5.5 |
| 4.1 ≤ E < 4.3 | 5.3 | 5.8 | 4.8 | 5.6 | 4.4 | 5.5 | 5.4 |
| 4.3 ≤ E < 4.5 | 5.3 | 5.8 | 4.8 | 5.6 | 4.4 | 5.5 | 5.3 |
| 4.5 ≤ E < 4.7 | 5.2 | 5.7 | 4.7 | 5.5 | 4.3 | 5.4 | 5.3 |
| 4.7 ≤ E < 4.9 | 5.2 | 5.7 | 4.7 | 5.5 | 4.3 | 5.4 | 5.2 |
| E ≥ 4.9 | 5.1 | 5.6 | 4.6 | 5.4 | 4.2 | 5.4 | 5.2 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 41 < Assembly Average Burnup ≤ 42 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | BWR/2-3 7×7 | BWR/4-6 7×7 | BWR/2-3 8×8 | BWR/4-6 8×8 | BWR/2-3 9×9 | BWR/4-6 9×9 | BWR/4-6 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 6.3 | 6.8 | 5.6 | 6.5 | 5.1 | 6.4 | 6.2 |
| 2.7 ≤ E < 2.9 | 6.2 | 6.7 | 5.5 | 6.4 | 5.0 | 6.3 | 6.1 |
| 2.9 ≤ E < 3.1 | 6.0 | 6.6 | 5.5 | 6.3 | 4.9 | 6.2 | 6.0 |
| 3.1 ≤ E < 3.3 | 6.0 | 6.5 | 5.4 | 6.2 | 4.8 | 6.1 | 5.9 |
| 3.3 ≤ E < 3.5 | 5.9 | 6.4 | 5.3 | 6.1 | 4.8 | 6.0 | 5.9 |
| 3.5 ≤ E < 3.7 | 5.8 | 6.3 | 5.2 | 6.0 | 4.7 | 5.9 | 5.8 |
| 3.7 ≤ E < 3.9 | 5.7 | 6.2 | 5.1 | 5.9 | 4.6 | 5.9 | 5.7 |
| 3.9 ≤ E < 4.1 | 5.6 | 6.1 | 5.0 | 5.9 | 4.6 | 5.8 | 5.7 |
| 4.1 ≤ E < 4.3 | 5.6 | 6.0 | 5.0 | 5.8 | 4.5 | 5.8 | 5.6 |
| 4.3 ≤ E < 4.5 | 5.5 | 6.0 | 4.9 | 5.8 | 4.5 | 5.7 | 5.6 |
| 4.5 ≤ E < 4.7 | 5.5 | 5.9 | 4.9 | 5.7 | 4.5 | 5.7 | 5.5 |
| 4.7 ≤ E < 4.9 | 5.4 | 5.9 | 4.9 | 5.7 | 4.4 | 5.6 | 5.5 |
| E ≥ 4.9 | 5.4 | 5.8 | 4.8 | 5.6 | 4.4 | 5.6 | 5.4 |

Table B2-23 Loading Table for BWR Fuel – 379 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 42 < Assembly Average Burnup ≤ 43 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|---------|---------|---------|---------|---------|---------|
| | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/4-6 |
| | 7×7 | 7×7 | 8×8 | 8×8 | 9×9 | 9×9 | 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 6.6 | 7.1 | 5.9 | 6.8 | 5.3 | 6.8 | 6.6 |
| 2.7 ≤ E < 2.9 | 6.5 | 7.0 | 5.8 | 6.7 | 5.2 | 6.6 | 6.4 |
| 2.9 ≤ E < 3.1 | 6.4 | 6.9 | 5.7 | 6.6 | 5.1 | 6.5 | 6.3 |
| 3.1 ≤ E < 3.3 | 6.3 | 6.8 | 5.6 | 6.5 | 5.0 | 6.4 | 6.2 |
| 3.3 ≤ E < 3.5 | 6.1 | 6.7 | 5.5 | 6.4 | 4.9 | 6.3 | 6.1 |
| 3.5 ≤ E < 3.7 | 6.0 | 6.6 | 5.4 | 6.3 | 4.9 | 6.2 | 6.0 |
| 3.7 ≤ E < 3.9 | 6.0 | 6.5 | 5.4 | 6.2 | 4.8 | 6.1 | 5.9 |
| 3.9 ≤ E < 4.1 | 5.9 | 6.4 | 5.3 | 6.1 | 4.8 | 6.0 | 5.9 |
| 4.1 ≤ E < 4.3 | 5.8 | 6.3 | 5.2 | 6.0 | 4.7 | 6.0 | 5.8 |
| 4.3 ≤ E < 4.5 | 5.8 | 6.3 | 5.1 | 6.0 | 4.6 | 5.9 | 5.8 |
| 4.5 ≤ E < 4.7 | 5.7 | 6.2 | 5.1 | 6.0 | 4.6 | 5.9 | 5.7 |
| 4.7 ≤ E < 4.9 | 5.7 | 6.1 | 5.0 | 5.9 | 4.6 | 5.9 | 5.7 |
| E ≥ 4.9 | 5.6 | 6.1 | 5.0 | 5.9 | 4.5 | 5.8 | 5.6 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 43 < Assembly Average Burnup ≤ 44 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/4-6 |
| | 7×7 | 7×7 | 8×8 | 8×8 | 9×9 | 9×9 | 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | 7.0 | 7.6 | 6.1 | 7.2 | 5.5 | 7.1 | 6.9 |
| 2.7 ≤ E < 2.9 | 6.8 | 7.4 | 6.0 | 7.0 | 5.4 | 6.9 | 6.7 |
| 2.9 ≤ E < 3.1 | 6.7 | 7.3 | 5.9 | 6.9 | 5.3 | 6.8 | 6.6 |
| 3.1 ≤ E < 3.3 | 6.6 | 7.1 | 5.8 | 6.8 | 5.2 | 6.7 | 6.5 |
| 3.3 ≤ E < 3.5 | 6.5 | 7.0 | 5.7 | 6.7 | 5.1 | 6.6 | 6.4 |
| 3.5 ≤ E < 3.7 | 6.4 | 6.9 | 5.7 | 6.6 | 5.0 | 6.5 | 6.3 |
| 3.7 ≤ E < 3.9 | 6.3 | 6.8 | 5.6 | 6.5 | 5.0 | 6.5 | 6.2 |
| 3.9 ≤ E < 4.1 | 6.2 | 6.7 | 5.5 | 6.4 | 4.9 | 6.4 | 6.1 |
| 4.1 ≤ E < 4.3 | 6.1 | 6.7 | 5.5 | 6.4 | 4.9 | 6.3 | 6.0 |
| 4.3 ≤ E < 4.5 | 6.0 | 6.6 | 5.4 | 6.3 | 4.8 | 6.2 | 6.0 |
| 4.5 ≤ E < 4.7 | 5.9 | 6.5 | 5.3 | 6.2 | 4.8 | 6.1 | 5.9 |
| 4.7 ≤ E < 4.9 | 5.9 | 6.5 | 5.3 | 6.2 | 4.7 | 6.1 | 5.9 |
| E ≥ 4.9 | 5.8 | 6.4 | 5.2 | 6.1 | 4.7 | 6.0 | 5.9 |

Table B2-23 Loading Table for BWR Fuel – 379 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 44 < Assembly Average Burnup ≤ 45 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|----------------|----------------|----------------|----------------|----------------|------------------|
| | BWR/2-3 7×7 | BWR/4-6 7×7 | BWR/2-3 8×8 | BWR/4-6 8×8 | BWR/2-3 9×9 | BWR/4-6 9×9 | BWR/4-6 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 7.2 | 7.9 | 6.3 | 7.5 | 5.6 | 7.4 | 7.1 |
| 2.9 ≤ E < 3.1 | 7.0 | 7.7 | 6.2 | 7.3 | 5.5 | 7.2 | 6.9 |
| 3.1 ≤ E < 3.3 | 6.9 | 7.6 | 6.1 | 7.1 | 5.4 | 7.0 | 6.8 |
| 3.3 ≤ E < 3.5 | 6.8 | 7.4 | 6.0 | 7.0 | 5.4 | 6.9 | 6.7 |
| 3.5 ≤ E < 3.7 | 6.7 | 7.3 | 5.9 | 6.9 | 5.3 | 6.9 | 6.6 |
| 3.7 ≤ E < 3.9 | 6.6 | 7.2 | 5.8 | 6.8 | 5.2 | 6.8 | 6.5 |
| 3.9 ≤ E < 4.1 | 6.5 | 7.1 | 5.8 | 6.8 | 5.1 | 6.7 | 6.4 |
| 4.1 ≤ E < 4.3 | 6.4 | 7.0 | 5.7 | 6.7 | 5.0 | 6.6 | 6.3 |
| 4.3 ≤ E < 4.5 | 6.3 | 6.9 | 5.6 | 6.6 | 5.0 | 6.5 | 6.3 |
| 4.5 ≤ E < 4.7 | 6.3 | 6.8 | 5.6 | 6.5 | 4.9 | 6.4 | 6.2 |
| 4.7 ≤ E < 4.9 | 6.2 | 6.8 | 5.5 | 6.5 | 4.9 | 6.4 | 6.1 |
| E ≥ 4.9 | 6.1 | 6.7 | 5.4 | 6.4 | 4.8 | 6.3 | 6.1 |

Note: For fuel assembly average burnup greater than 45 GWd/MTU, cool time tables have been revised to account for a 5% margin in heat load.

Table B2-24 Loading Table for BWR Fuel – 360 W/Assembly

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 45 < Assembly Average Burnup ≤ 46 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|----------------|----------------|----------------|----------------|----------------|------------------|
| | BWR/2-3 7×7 | BWR/4-6 7×7 | BWR/2-3 8×8 | BWR/4-6 8×8 | BWR/2-3 9×9 | BWR/4-6 9×9 | BWR/4-6 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 8.5 | 9.3 | 7.3 | 8.8 | 6.3 | 8.6 | 8.2 |
| 2.9 ≤ E < 3.1 | 8.3 | 9.0 | 7.1 | 8.6 | 6.2 | 8.4 | 8.0 |
| 3.1 ≤ E < 3.3 | 8.1 | 8.9 | 7.0 | 8.4 | 6.0 | 8.2 | 7.9 |
| 3.3 ≤ E < 3.5 | 8.0 | 8.8 | 6.8 | 8.2 | 6.0 | 8.0 | 7.7 |
| 3.5 ≤ E < 3.7 | 7.9 | 8.6 | 6.7 | 8.0 | 5.9 | 7.9 | 7.6 |
| 3.7 ≤ E < 3.9 | 7.7 | 8.4 | 6.7 | 7.9 | 5.8 | 7.8 | 7.5 |
| 3.9 ≤ E < 4.1 | 7.6 | 8.3 | 6.6 | 7.8 | 5.8 | 7.7 | 7.4 |
| 4.1 ≤ E < 4.3 | 7.5 | 8.2 | 6.5 | 7.7 | 5.7 | 7.6 | 7.3 |
| 4.3 ≤ E < 4.5 | 7.4 | 8.1 | 6.4 | 7.6 | 5.6 | 7.5 | 7.2 |
| 4.5 ≤ E < 4.7 | 7.3 | 8.0 | 6.3 | 7.6 | 5.6 | 7.4 | 7.1 |
| 4.7 ≤ E < 4.9 | 7.2 | 7.9 | 6.2 | 7.5 | 5.5 | 7.4 | 7.0 |
| E ≥ 4.9 | 7.1 | 7.8 | 6.1 | 7.4 | 5.4 | 7.3 | 7.0 |

Table B2-24 Loading Table for BWR Fuel – 360 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 46 < Assembly Average Burnup ≤ 47 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|----------------|----------------|----------------|----------------|----------------|------------------|
| | BWR/2-3 7×7 | BWR/4-6 7×7 | BWR/2-3 8×8 | BWR/4-6 8×8 | BWR/2-3 9×9 | BWR/4-6 9×9 | BWR/4-6 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 9.1 | 10.0 | 7.7 | 9.3 | 6.7 | 9.2 | 8.7 |
| 2.9 ≤ E < 3.1 | 8.9 | 9.8 | 7.5 | 9.1 | 6.5 | 8.9 | 8.5 |
| 3.1 ≤ E < 3.3 | 8.7 | 9.5 | 7.4 | 8.9 | 6.4 | 8.8 | 8.3 |
| 3.3 ≤ E < 3.5 | 8.5 | 9.3 | 7.2 | 8.7 | 6.2 | 8.6 | 8.2 |
| 3.5 ≤ E < 3.7 | 8.3 | 9.1 | 7.0 | 8.6 | 6.1 | 8.4 | 8.0 |
| 3.7 ≤ E < 3.9 | 8.2 | 9.0 | 7.0 | 8.4 | 6.0 | 8.3 | 7.9 |
| 3.9 ≤ E < 4.1 | 8.0 | 8.8 | 6.9 | 8.3 | 6.0 | 8.1 | 7.8 |
| 4.1 ≤ E < 4.3 | 7.9 | 8.7 | 6.8 | 8.2 | 5.9 | 8.0 | 7.7 |
| 4.3 ≤ E < 4.5 | 7.8 | 8.6 | 6.7 | 8.1 | 5.8 | 7.9 | 7.6 |
| 4.5 ≤ E < 4.7 | 7.7 | 8.5 | 6.6 | 8.0 | 5.8 | 7.9 | 7.5 |
| 4.7 ≤ E < 4.9 | 7.6 | 8.4 | 6.5 | 7.9 | 5.7 | 7.8 | 7.4 |
| E ≥ 4.9 | 7.5 | 8.3 | 6.5 | 7.8 | 5.7 | 7.7 | 7.4 |

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 47 < Assembly Average Burnup ≤ 48 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|----------------|----------------|----------------|----------------|----------------|------------------|
| | BWR/2-3 7×7 | BWR/4-6 7×7 | BWR/2-3 8×8 | BWR/4-6 8×8 | BWR/2-3 9×9 | BWR/4-6 9×9 | BWR/4-6 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 9.8 | 10.7 | 8.2 | 9.9 | 6.9 | 9.8 | 9.3 |
| 2.9 ≤ E < 3.1 | 9.6 | 10.5 | 8.0 | 9.7 | 6.8 | 9.5 | 9.1 |
| 3.1 ≤ E < 3.3 | 9.3 | 10.2 | 7.8 | 9.5 | 6.7 | 9.3 | 8.9 |
| 3.3 ≤ E < 3.5 | 9.1 | 9.9 | 7.7 | 9.3 | 6.6 | 9.2 | 8.7 |
| 3.5 ≤ E < 3.7 | 8.9 | 9.7 | 7.5 | 9.1 | 6.5 | 9.0 | 8.5 |
| 3.7 ≤ E < 3.9 | 8.7 | 9.6 | 7.4 | 8.9 | 6.3 | 8.8 | 8.4 |
| 3.9 ≤ E < 4.1 | 8.6 | 9.4 | 7.2 | 8.8 | 6.2 | 8.7 | 8.2 |
| 4.1 ≤ E < 4.3 | 8.4 | 9.3 | 7.1 | 8.7 | 6.1 | 8.6 | 8.1 |
| 4.3 ≤ E < 4.5 | 8.3 | 9.1 | 7.0 | 8.6 | 6.0 | 8.4 | 8.0 |
| 4.5 ≤ E < 4.7 | 8.1 | 9.0 | 6.9 | 8.5 | 6.0 | 8.3 | 7.9 |
| 4.7 ≤ E < 4.9 | 8.0 | 8.9 | 6.9 | 8.3 | 5.9 | 8.2 | 7.8 |
| E ≥ 4.9 | 7.9 | 8.8 | 6.8 | 8.2 | 5.9 | 8.1 | 7.8 |

Table B2-24 Loading Table for BWR Fuel – 360 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 48 < Assembly Average Burnup ≤ 49 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|----------------|----------------|----------------|----------------|----------------|------------------|
| | BWR/2-3 7×7 | BWR/4-6 7×7 | BWR/2-3 8×8 | BWR/4-6 8×8 | BWR/2-3 9×9 | BWR/4-6 9×9 | BWR/4-6 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 10.5 | 11.6 | 8.7 | 10.8 | 7.3 | 10.6 | 9.9 |
| 2.9 ≤ E < 3.1 | 10.2 | 11.3 | 8.5 | 10.4 | 7.1 | 10.2 | 9.7 |
| 3.1 ≤ E < 3.3 | 10.0 | 11.0 | 8.3 | 10.1 | 7.0 | 9.9 | 9.4 |
| 3.3 ≤ E < 3.5 | 9.7 | 10.7 | 8.1 | 9.9 | 6.9 | 9.8 | 9.2 |
| 3.5 ≤ E < 3.7 | 9.5 | 10.5 | 7.9 | 9.7 | 6.8 | 9.6 | 9.0 |
| 3.7 ≤ E < 3.9 | 9.3 | 10.3 | 7.8 | 9.5 | 6.7 | 9.4 | 8.9 |
| 3.9 ≤ E < 4.1 | 9.1 | 10.1 | 7.7 | 9.4 | 6.5 | 9.2 | 8.7 |
| 4.1 ≤ E < 4.3 | 9.0 | 9.9 | 7.5 | 9.2 | 6.4 | 9.0 | 8.6 |
| 4.3 ≤ E < 4.5 | 8.8 | 9.7 | 7.4 | 9.1 | 6.3 | 8.9 | 8.5 |
| 4.5 ≤ E < 4.7 | 8.7 | 9.6 | 7.3 | 8.9 | 6.3 | 8.8 | 8.4 |
| 4.7 ≤ E < 4.9 | 8.6 | 9.5 | 7.2 | 8.9 | 6.2 | 8.7 | 8.3 |
| E ≥ 4.9 | 8.5 | 9.3 | 7.1 | 8.8 | 6.1 | 8.6 | 8.2 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 49 < Assembly Average Burnup ≤ 50 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | BWR/2-3 7×7 | BWR/4-6 7×7 | BWR/2-3 8×8 | BWR/4-6 8×8 | BWR/2-3 9×9 | BWR/4-6 9×9 | BWR/4-6 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 11.0 | 12.0 | 9.0 | 11.2 | 7.6 | 11.0 | 10.3 |
| 3.1 ≤ E < 3.3 | 10.7 | 11.7 | 8.8 | 10.9 | 7.4 | 10.7 | 10.1 |
| 3.3 ≤ E < 3.5 | 10.4 | 11.5 | 8.6 | 10.7 | 7.2 | 10.4 | 9.8 |
| 3.5 ≤ E < 3.7 | 10.2 | 11.3 | 8.4 | 10.4 | 7.0 | 10.2 | 9.7 |
| 3.7 ≤ E < 3.9 | 10.0 | 11.0 | 8.2 | 10.2 | 7.0 | 10.0 | 9.5 |
| 3.9 ≤ E < 4.1 | 9.7 | 10.8 | 8.0 | 10.0 | 6.8 | 9.8 | 9.3 |
| 4.1 ≤ E < 4.3 | 9.6 | 10.6 | 7.9 | 9.8 | 6.7 | 9.7 | 9.1 |
| 4.3 ≤ E < 4.5 | 9.4 | 10.4 | 7.8 | 9.7 | 6.7 | 9.5 | 9.0 |
| 4.5 ≤ E < 4.7 | 9.3 | 10.2 | 7.7 | 9.5 | 6.6 | 9.4 | 8.9 |
| 4.7 ≤ E < 4.9 | 9.1 | 10.1 | 7.6 | 9.4 | 6.5 | 9.2 | 8.7 |
| E ≥ 4.9 | 9.0 | 10.0 | 7.5 | 9.3 | 6.4 | 9.1 | 8.6 |

Table B2-24 Loading Table for BWR Fuel – 360 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 50 < Assembly Average Burnup ≤ 51 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|---------|---------|---------|---------|---------|---------|
| | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/4-6 |
| | 7×7 | 7×7 | 8×8 | 8×8 | 9×9 | 9×9 | 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 11.8 | 12.9 | 9.6 | 12.0 | 8.0 | 11.8 | 11.1 |
| 3.1 ≤ E < 3.3 | 11.5 | 12.6 | 9.4 | 11.7 | 7.8 | 11.5 | 10.9 |
| 3.3 ≤ E < 3.5 | 11.2 | 12.3 | 9.1 | 11.5 | 7.6 | 11.2 | 10.6 |
| 3.5 ≤ E < 3.7 | 10.9 | 11.9 | 8.9 | 11.1 | 7.5 | 11.0 | 10.3 |
| 3.7 ≤ E < 3.9 | 10.7 | 11.8 | 8.7 | 10.9 | 7.3 | 10.7 | 10.0 |
| 3.9 ≤ E < 4.1 | 10.4 | 11.6 | 8.6 | 10.7 | 7.2 | 10.5 | 9.9 |
| 4.1 ≤ E < 4.3 | 10.3 | 11.3 | 8.4 | 10.5 | 7.0 | 10.3 | 9.7 |
| 4.3 ≤ E < 4.5 | 10.0 | 11.2 | 8.3 | 10.4 | 7.0 | 10.1 | 9.6 |
| 4.5 ≤ E < 4.7 | 9.9 | 11.0 | 8.1 | 10.1 | 6.8 | 9.9 | 9.4 |
| 4.7 ≤ E < 4.9 | 9.8 | 10.9 | 8.0 | 10.0 | 6.8 | 9.8 | 9.3 |
| E ≥ 4.9 | 9.6 | 10.7 | 7.9 | 9.9 | 6.7 | 9.7 | 9.1 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 51 < Assembly Average Burnup ≤ 52 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/4-6 |
| | 7×7 | 7×7 | 8×8 | 8×8 | 9×9 | 9×9 | 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 12.7 | 13.9 | 10.3 | 12.9 | 8.4 | 12.6 | 11.9 |
| 3.1 ≤ E < 3.3 | 12.3 | 13.4 | 10.0 | 12.5 | 8.2 | 12.3 | 11.6 |
| 3.3 ≤ E < 3.5 | 11.9 | 13.2 | 9.8 | 12.1 | 8.0 | 11.9 | 11.3 |
| 3.5 ≤ E < 3.7 | 11.7 | 12.9 | 9.5 | 11.9 | 7.9 | 11.7 | 11.0 |
| 3.7 ≤ E < 3.9 | 11.5 | 12.6 | 9.3 | 11.7 | 7.7 | 11.4 | 10.8 |
| 3.9 ≤ E < 4.1 | 11.2 | 12.4 | 9.1 | 11.5 | 7.6 | 11.3 | 10.5 |
| 4.1 ≤ E < 4.3 | 11.0 | 12.1 | 8.9 | 11.3 | 7.4 | 11.0 | 10.3 |
| 4.3 ≤ E < 4.5 | 10.8 | 11.8 | 8.8 | 11.1 | 7.3 | 10.9 | 10.2 |
| 4.5 ≤ E < 4.7 | 10.6 | 11.7 | 8.7 | 10.9 | 7.2 | 10.7 | 10.0 |
| 4.7 ≤ E < 4.9 | 10.5 | 11.6 | 8.5 | 10.7 | 7.1 | 10.5 | 9.9 |
| E ≥ 4.9 | 10.2 | 11.4 | 8.4 | 10.6 | 7.0 | 10.4 | 9.8 |

Table B2-24 Loading Table for BWR Fuel – 360 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 52 < Assembly Average Burnup ≤ 53 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|---------|---------|---------|---------|---------|---------|
| | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/4-6 |
| | 7×7 | 7×7 | 8×8 | 8×8 | 9×9 | 9×9 | 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 13.6 | 14.8 | 11.0 | 13.7 | 8.9 | 13.4 | 12.7 |
| 3.1 ≤ E < 3.3 | 13.2 | 14.5 | 10.7 | 13.3 | 8.7 | 13.1 | 12.4 |
| 3.3 ≤ E < 3.5 | 12.8 | 14.1 | 10.4 | 13.0 | 8.5 | 12.8 | 12.0 |
| 3.5 ≤ E < 3.7 | 12.6 | 13.8 | 10.1 | 12.7 | 8.3 | 12.5 | 11.8 |
| 3.7 ≤ E < 3.9 | 12.2 | 13.5 | 9.8 | 12.4 | 8.1 | 12.2 | 11.5 |
| 3.9 ≤ E < 4.1 | 11.9 | 13.2 | 9.7 | 12.2 | 7.9 | 12.0 | 11.3 |
| 4.1 ≤ E < 4.3 | 11.7 | 13.0 | 9.5 | 12.0 | 7.8 | 11.8 | 11.1 |
| 4.3 ≤ E < 4.5 | 11.6 | 12.7 | 9.3 | 11.8 | 7.7 | 11.5 | 10.9 |
| 4.5 ≤ E < 4.7 | 11.4 | 12.5 | 9.2 | 11.6 | 7.6 | 11.4 | 10.7 |
| 4.7 ≤ E < 4.9 | 11.2 | 12.4 | 9.0 | 11.5 | 7.5 | 11.3 | 10.5 |
| E ≥ 4.9 | 11.0 | 12.1 | 8.9 | 11.3 | 7.4 | 11.1 | 10.4 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 53 < Assembly Average Burnup ≤ 54 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/4-6 |
| | 7×7 | 7×7 | 8×8 | 8×8 | 9×9 | 9×9 | 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 14.5 | 15.8 | 11.8 | 14.6 | 9.5 | 14.4 | 13.6 |
| 3.1 ≤ E < 3.3 | 14.1 | 15.4 | 11.4 | 14.3 | 9.2 | 14.0 | 13.2 |
| 3.3 ≤ E < 3.5 | 13.8 | 15.1 | 11.1 | 13.9 | 8.9 | 13.6 | 12.8 |
| 3.5 ≤ E < 3.7 | 13.4 | 14.7 | 10.9 | 13.6 | 8.7 | 13.4 | 12.6 |
| 3.7 ≤ E < 3.9 | 13.1 | 14.4 | 10.6 | 13.3 | 8.6 | 13.1 | 12.2 |
| 3.9 ≤ E < 4.1 | 12.9 | 14.1 | 10.4 | 13.1 | 8.4 | 12.8 | 12.0 |
| 4.1 ≤ E < 4.3 | 12.6 | 13.9 | 10.1 | 12.8 | 8.2 | 12.5 | 11.8 |
| 4.3 ≤ E < 4.5 | 12.4 | 13.6 | 9.9 | 12.6 | 8.1 | 12.3 | 11.6 |
| 4.5 ≤ E < 4.7 | 12.1 | 13.4 | 9.7 | 12.3 | 7.9 | 12.1 | 11.4 |
| 4.7 ≤ E < 4.9 | 11.9 | 13.2 | 9.6 | 12.2 | 7.9 | 11.9 | 11.2 |
| E ≥ 4.9 | 11.7 | 13.1 | 9.4 | 12.0 | 7.8 | 11.7 | 11.1 |

Table B2-24 Loading Table for BWR Fuel – 360 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 54 < Assembly Average Burnup ≤ 55 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|----------------|----------------|----------------|----------------|----------------|------------------|
| | BWR/2-3 7×7 | BWR/4-6 7×7 | BWR/2-3 8×8 | BWR/4-6 8×8 | BWR/2-3 9×9 | BWR/4-6 9×9 | BWR/4-6 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 15.0 | 16.4 | 12.1 | 15.2 | 9.8 | 14.9 | 14.1 |
| 3.3 ≤ E < 3.5 | 14.7 | 16.0 | 11.9 | 14.9 | 9.5 | 14.6 | 13.7 |
| 3.5 ≤ E < 3.7 | 14.3 | 15.7 | 11.5 | 14.5 | 9.3 | 14.2 | 13.4 |
| 3.7 ≤ E < 3.9 | 13.9 | 15.4 | 11.3 | 14.2 | 9.0 | 13.9 | 13.1 |
| 3.9 ≤ E < 4.1 | 13.6 | 15.1 | 11.1 | 13.9 | 8.9 | 13.6 | 12.8 |
| 4.1 ≤ E < 4.3 | 13.3 | 14.7 | 10.8 | 13.6 | 8.7 | 13.4 | 12.5 |
| 4.3 ≤ E < 4.5 | 13.1 | 14.5 | 10.5 | 13.4 | 8.5 | 13.1 | 12.3 |
| 4.5 ≤ E < 4.7 | 12.9 | 14.3 | 10.4 | 13.2 | 8.4 | 13.0 | 12.1 |
| 4.7 ≤ E < 4.9 | 12.8 | 14.1 | 10.2 | 13.0 | 8.3 | 12.8 | 11.9 |
| E ≥ 4.9 | 12.5 | 13.9 | 10.0 | 12.8 | 8.1 | 12.5 | 11.7 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 55 < Assembly Average Burnup ≤ 56 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | BWR/2-3 7×7 | BWR/4-6 7×7 | BWR/2-3 8×8 | BWR/4-6 8×8 | BWR/2-3 9×9 | BWR/4-6 9×9 | BWR/4-6 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 15.8 | 17.5 | 13.1 | 16.2 | 10.4 | 15.9 | 15.0 |
| 3.3 ≤ E < 3.5 | 15.5 | 17.1 | 12.7 | 15.8 | 10.1 | 15.5 | 14.6 |
| 3.5 ≤ E < 3.7 | 15.1 | 16.7 | 12.3 | 15.5 | 9.9 | 15.2 | 14.3 |
| 3.7 ≤ E < 3.9 | 14.7 | 16.3 | 12.0 | 15.1 | 9.7 | 14.8 | 13.9 |
| 3.9 ≤ E < 4.1 | 14.4 | 16.0 | 11.8 | 14.9 | 9.4 | 14.6 | 13.6 |
| 4.1 ≤ E < 4.3 | 14.0 | 15.7 | 11.5 | 14.5 | 9.2 | 14.3 | 13.4 |
| 4.3 ≤ E < 4.5 | 13.8 | 15.4 | 11.3 | 14.3 | 9.0 | 14.0 | 13.1 |
| 4.5 ≤ E < 4.7 | 13.7 | 15.2 | 11.1 | 14.1 | 8.8 | 13.8 | 12.9 |
| 4.7 ≤ E < 4.9 | 13.4 | 15.0 | 10.9 | 13.9 | 8.7 | 13.7 | 12.8 |
| E ≥ 4.9 | 13.3 | 14.8 | 10.7 | 13.7 | 8.6 | 13.4 | 12.5 |

Table B2-24 Loading Table for BWR Fuel – 360 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 56 < Assembly Average Burnup ≤ 57 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|----------------|----------------|----------------|----------------|----------------|------------------|
| | BWR/2-3 7×7 | BWR/4-6 7×7 | BWR/2-3 8×8 | BWR/4-6 8×8 | BWR/2-3 9×9 | BWR/4-6 9×9 | BWR/4-6 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 16.8 | 18.4 | 13.8 | 17.2 | 11.1 | 16.9 | 16.0 |
| 3.3 ≤ E < 3.5 | 16.5 | 18.1 | 13.5 | 16.8 | 10.9 | 16.4 | 15.5 |
| 3.5 ≤ E < 3.7 | 16.0 | 17.7 | 13.1 | 16.4 | 10.5 | 16.2 | 15.2 |
| 3.7 ≤ E < 3.9 | 15.7 | 17.3 | 12.9 | 16.1 | 10.2 | 15.7 | 14.8 |
| 3.9 ≤ E < 4.1 | 15.4 | 17.1 | 12.5 | 15.8 | 10.0 | 15.4 | 14.5 |
| 4.1 ≤ E < 4.3 | 15.1 | 16.8 | 12.2 | 15.4 | 9.8 | 15.2 | 14.3 |
| 4.3 ≤ E < 4.5 | 14.8 | 16.4 | 12.0 | 15.2 | 9.6 | 14.8 | 14.0 |
| 4.5 ≤ E < 4.7 | 14.6 | 16.2 | 11.8 | 15.0 | 9.4 | 14.7 | 13.8 |
| 4.7 ≤ E < 4.9 | 14.3 | 15.9 | 11.6 | 14.7 | 9.2 | 14.4 | 13.5 |
| E ≥ 4.9 | 14.0 | 15.7 | 11.4 | 14.5 | 9.0 | 14.3 | 13.4 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 57 < Assembly Average Burnup ≤ 58 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | BWR/2-3 7×7 | BWR/4-6 7×7 | BWR/2-3 8×8 | BWR/4-6 8×8 | BWR/2-3 9×9 | BWR/4-6 9×9 | BWR/4-6 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 17.8 | 19.5 | 14.8 | 18.2 | 11.8 | 17.8 | 16.8 |
| 3.3 ≤ E < 3.5 | 17.3 | 19.1 | 14.4 | 17.7 | 11.5 | 17.5 | 16.5 |
| 3.5 ≤ E < 3.7 | 17.0 | 18.7 | 14.0 | 17.4 | 11.2 | 17.1 | 16.1 |
| 3.7 ≤ E < 3.9 | 16.6 | 18.3 | 13.6 | 17.0 | 10.9 | 16.8 | 15.7 |
| 3.9 ≤ E < 4.1 | 16.3 | 17.9 | 13.3 | 16.7 | 10.6 | 16.4 | 15.4 |
| 4.1 ≤ E < 4.3 | 15.9 | 17.7 | 13.1 | 16.3 | 10.3 | 16.1 | 15.1 |
| 4.3 ≤ E < 4.5 | 15.7 | 17.4 | 12.8 | 16.1 | 10.1 | 15.8 | 14.8 |
| 4.5 ≤ E < 4.7 | 15.5 | 17.1 | 12.5 | 15.9 | 9.9 | 15.5 | 14.6 |
| 4.7 ≤ E < 4.9 | 15.2 | 16.9 | 12.3 | 15.6 | 9.8 | 15.3 | 14.4 |
| E ≥ 4.9 | 15.0 | 16.7 | 12.1 | 15.4 | 9.6 | 15.1 | 14.2 |

Table B2-24 Loading Table for BWR Fuel – 360 W/Assembly (continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 58 < Assembly Average Burnup ≤ 59 GWd/MTU Minimum Cooling Time (years) | | | | | | |
|---|---|---------|---------|---------|---------|---------|---------|
| | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/4-6 |
| | 7×7 | 7×7 | 8×8 | 8×8 | 9×9 | 9×9 | 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | 18.7 | 20.4 | 15.7 | 19.2 | 12.6 | 18.9 | 17.8 |
| 3.3 ≤ E < 3.5 | 18.4 | 20.0 | 15.2 | 18.8 | 12.2 | 18.4 | 17.4 |
| 3.5 ≤ E < 3.7 | 18.0 | 19.7 | 14.9 | 18.4 | 11.9 | 18.1 | 17.1 |
| 3.7 ≤ E < 3.9 | 17.6 | 19.3 | 14.5 | 18.1 | 11.6 | 17.7 | 16.7 |
| 3.9 ≤ E < 4.1 | 17.2 | 18.9 | 14.1 | 17.7 | 11.2 | 17.3 | 16.3 |
| 4.1 ≤ E < 4.3 | 16.9 | 18.7 | 13.8 | 17.4 | 11.0 | 17.1 | 16.1 |
| 4.3 ≤ E < 4.5 | 16.6 | 18.4 | 13.6 | 17.1 | 10.8 | 16.8 | 15.7 |
| 4.5 ≤ E < 4.7 | 16.4 | 18.0 | 13.3 | 16.9 | 10.6 | 16.5 | 15.5 |
| 4.7 ≤ E < 4.9 | 16.1 | 17.8 | 13.1 | 16.6 | 10.3 | 16.2 | 15.3 |
| E ≥ 4.9 | 15.9 | 17.6 | 12.9 | 16.3 | 10.2 | 15.9 | 15.1 |
| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | 59 < Assembly Average Burnup ≤ 60 GWd/MTU Minimum Cooling Time (years) | | | | | | |
| | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/2-3 | BWR/4-6 | BWR/4-6 |
| | 7×7 | 7×7 | 8×8 | 8×8 | 9×9 | 9×9 | 10×10 |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - | - | - | - | - |
| 3.1 ≤ E < 3.3 | - | - | - | - | - | - | - |
| 3.3 ≤ E < 3.5 | 19.3 | 21.0 | 16.0 | 19.7 | 12.9 | 19.5 | 18.4 |
| 3.5 ≤ E < 3.7 | 18.9 | 20.7 | 15.6 | 19.3 | 12.7 | 19.1 | 17.9 |
| 3.7 ≤ E < 3.9 | 18.6 | 20.3 | 15.2 | 19.0 | 12.3 | 18.7 | 17.7 |
| 3.9 ≤ E < 4.1 | 18.2 | 19.9 | 14.9 | 18.7 | 11.9 | 18.3 | 17.3 |
| 4.1 ≤ E < 4.3 | 17.9 | 19.7 | 14.5 | 18.3 | 11.6 | 17.9 | 17.0 |
| 4.3 ≤ E < 4.5 | 17.6 | 19.4 | 14.2 | 18.1 | 11.4 | 17.7 | 16.6 |
| 4.5 ≤ E < 4.7 | 17.3 | 19.1 | 14.0 | 17.7 | 11.2 | 17.5 | 16.4 |
| 4.7 ≤ E < 4.9 | 17.1 | 18.8 | 13.8 | 17.6 | 11.0 | 17.2 | 16.1 |
| E ≥ 4.9 | 16.9 | 18.6 | 13.6 | 17.3 | 10.8 | 16.9 | 15.9 |

Table B2-25 Loading Table for PWR Fuel – 959 W/Assembly – WE 14x14 Fuel

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|--|--------------|--------------|--------------|--------------|----------------|
| | B ≤10 | 10< B ≤15 | 15< B ≤20 | 20< B ≤25 | 25< B ≤30 | 30< B ≤32.5 |
| 1.3 ≤ E < 1.5 | 2.5 | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | 2.5 | 2.5 | - | - | - | - |
| 1.7 ≤ E < 1.9 | 2.5 | 2.5 | 2.9 | - | - | - |
| 1.9 ≤ E < 2.1 | 2.5 | 2.5 | 2.9 | 3.4 | - | - |
| 2.1 ≤ E < 2.3 | 2.5 | 2.5 | 2.8 | 3.3 | 3.9 | 4.1 |
| 2.3 ≤ E < 2.5 | 2.5 | 2.5 | 2.8 | 3.3 | 3.8 | 4.1 |
| 2.5 ≤ E < 2.7 | 2.5 | 2.5 | 2.8 | 3.3 | 3.8 | 4.0 |
| 2.7 ≤ E < 2.9 | 2.5 | 2.5 | 2.8 | 3.2 | 3.7 | 4.0 |
| 2.9 ≤ E < 3.1 | 2.5 | 2.5 | 2.7 | 3.2 | 3.7 | 3.9 |
| 3.1 ≤ E < 3.3 | 2.5 | 2.5 | 2.7 | 3.2 | 3.7 | 3.9 |
| 3.3 ≤ E < 3.5 | 2.5 | 2.5 | 2.7 | 3.2 | 3.6 | 3.9 |
| 3.5 ≤ E < 3.7 | 2.5 | 2.5 | 2.7 | 3.1 | 3.6 | 3.8 |
| 3.7 ≤ E < 3.9 | 2.5 | 2.5 | 2.7 | 3.1 | 3.6 | 3.8 |
| 3.9 ≤ E < 4.1 | 2.5 | 2.5 | 2.6 | 3.1 | 3.6 | 3.8 |
| 4.1 ≤ E < 4.3 | 2.5 | 2.5 | 2.6 | 3.1 | 3.5 | 3.8 |
| 4.3 ≤ E < 4.5 | 2.5 | 2.5 | 2.6 | 3.0 | 3.5 | 3.7 |
| 4.5 ≤ E < 4.7 | 2.5 | 2.5 | 2.6 | 3.0 | 3.5 | 3.7 |
| 4.7 ≤ E < 4.9 | 2.5 | 2.5 | 2.6 | 3.0 | 3.5 | 3.7 |
| E ≥ 4.9 | 2.5 | 2.5 | 2.6 | 3.0 | 3.5 | 3.7 |

**Table B2-25 Loading Table for PWR Fuel – 959 W/Assembly – WE 14x14 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|--|------------------|------------------|----------------|----------------|----------------|
| | 32.5 < B ≤ 35 | 35 < B ≤ 37.5 | 37.5 < B ≤ 40 | 40 < B ≤ 41 | 41 < B ≤ 42 | 42 < B ≤ 43 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | 4.4 | 4.8 | - | - | - | - |
| 2.5 ≤ E < 2.7 | 4.4 | 4.7 | 5.2 | 5.4 | 5.6 | 5.8 |
| 2.7 ≤ E < 2.9 | 4.3 | 4.7 | 5.1 | 5.3 | 5.5 | 5.7 |
| 2.9 ≤ E < 3.1 | 4.3 | 4.6 | 5.0 | 5.2 | 5.4 | 5.6 |
| 3.1 ≤ E < 3.3 | 4.2 | 4.5 | 4.9 | 5.1 | 5.3 | 5.6 |
| 3.3 ≤ E < 3.5 | 4.2 | 4.5 | 4.9 | 5.1 | 5.3 | 5.5 |
| 3.5 ≤ E < 3.7 | 4.1 | 4.5 | 4.8 | 5.0 | 5.2 | 5.4 |
| 3.7 ≤ E < 3.9 | 4.1 | 4.4 | 4.8 | 4.9 | 5.1 | 5.3 |
| 3.9 ≤ E < 4.1 | 4.1 | 4.4 | 4.8 | 4.9 | 5.1 | 5.3 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.4 | 4.7 | 4.9 | 5.0 | 5.2 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.3 | 4.7 | 4.8 | 5.0 | 5.2 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.3 | 4.6 | 4.8 | 4.9 | 5.1 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.3 | 4.6 | 4.7 | 4.9 | 5.0 |
| E ≥ 4.9 | 3.9 | 4.2 | 4.5 | 4.7 | 4.9 | 5.0 |

**Table B2-25 Loading Table for PWR Fuel – 959 W/Assembly – WE 14x14 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | |
|---|--|-----------------------------|
| | 43 < B ≤ 44 | 44 < B ≤ 45 ^a |
| 1.3 ≤ E < 1.5 | - | - |
| 1.5 ≤ E < 1.7 | - | - |
| 1.7 ≤ E < 1.9 | - | - |
| 1.9 ≤ E < 2.1 | - | - |
| 2.1 ≤ E < 2.3 | - | - |
| 2.3 ≤ E < 2.5 | - | - |
| 2.5 ≤ E < 2.7 | 6.0 | - |
| 2.7 ≤ E < 2.9 | 5.9 | 6.2 |
| 2.9 ≤ E < 3.1 | 5.8 | 6.0 |
| 3.1 ≤ E < 3.3 | 5.8 | 6.0 |
| 3.3 ≤ E < 3.5 | 5.7 | 5.9 |
| 3.5 ≤ E < 3.7 | 5.6 | 5.8 |
| 3.7 ≤ E < 3.9 | 5.6 | 5.8 |
| 3.9 ≤ E < 4.1 | 5.5 | 5.7 |
| 4.1 ≤ E < 4.3 | 5.4 | 5.6 |
| 4.3 ≤ E < 4.5 | 5.4 | 5.6 |
| 4.5 ≤ E < 4.7 | 5.3 | 5.5 |
| 4.7 ≤ E < 4.9 | 5.3 | 5.5 |
| E ≥ 4.9 | 5.2 | 5.4 |

^a Cool times for burnup over 45 GWd/MTU are in Table B2-16

Table B2-26 Loading Table for PWR Fuel – 513 W/Assembly – WE 14x14 Fuel

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|--|--------------|--------------|--------------|--------------|----------------|
| | B ≤10 | 10< B ≤15 | 15< B ≤20 | 20< B ≤25 | 25< B ≤30 | 30< B ≤32.5 |
| 1.3 ≤ E < 1.5 | 2.9 | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | 2.9 | 3.8 | - | - | - | - |
| 1.7 ≤ E < 1.9 | 2.9 | 3.7 | 4.5 | - | - | - |
| 1.9 ≤ E < 2.1 | 2.9 | 3.7 | 4.5 | 5.7 | - | - |
| 2.1 ≤ E < 2.3 | 2.8 | 3.7 | 4.5 | 5.7 | 7.5 | 8.9 |
| 2.3 ≤ E < 2.5 | 2.8 | 3.6 | 4.4 | 5.6 | 7.4 | 8.8 |
| 2.5 ≤ E < 2.7 | 2.8 | 3.6 | 4.4 | 5.6 | 7.3 | 8.6 |
| 2.7 ≤ E < 2.9 | 2.8 | 3.6 | 4.4 | 5.5 | 7.2 | 8.5 |
| 2.9 ≤ E < 3.1 | 2.8 | 3.5 | 4.4 | 5.5 | 7.1 | 8.5 |
| 3.1 ≤ E < 3.3 | 2.8 | 3.5 | 4.3 | 5.5 | 7.1 | 8.4 |
| 3.3 ≤ E < 3.5 | 2.8 | 3.5 | 4.3 | 5.4 | 7.0 | 8.3 |
| 3.5 ≤ E < 3.7 | 2.7 | 3.5 | 4.3 | 5.4 | 7.0 | 8.2 |
| 3.7 ≤ E < 3.9 | 2.7 | 3.5 | 4.3 | 5.4 | 7.0 | 8.1 |
| 3.9 ≤ E < 4.1 | 2.7 | 3.5 | 4.3 | 5.3 | 6.9 | 8.1 |
| 4.1 ≤ E < 4.3 | 2.7 | 3.5 | 4.2 | 5.3 | 6.9 | 8.0 |
| 4.3 ≤ E < 4.5 | 2.7 | 3.5 | 4.2 | 5.3 | 6.8 | 8.0 |
| 4.5 ≤ E < 4.7 | 2.7 | 3.5 | 4.2 | 5.2 | 6.8 | 7.9 |
| 4.7 ≤ E < 4.9 | 2.7 | 3.4 | 4.2 | 5.2 | 6.8 | 7.9 |
| E ≥ 4.9 | 2.7 | 3.4 | 4.2 | 5.2 | 6.8 | 7.9 |

**Table B2-26 Loading Table for PWR Fuel – 513 W/Assembly – WE 14x14 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|--|----------------|----------------|--------------|--------------|--------------|
| | 32.5< B ≤35 | 35< B ≤37.5 | 37.5< B ≤40 | 40< B ≤41 | 41< B ≤42 | 42< B ≤43 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | 10.9 | 13.7 | - | - | - | - |
| 2.5 ≤ E < 2.7 | 10.7 | 13.5 | 16.9 | 18.2 | 19.7 | 21.2 |
| 2.7 ≤ E < 2.9 | 10.5 | 13.3 | 16.5 | 18.0 | 19.4 | 20.8 |
| 2.9 ≤ E < 3.1 | 10.4 | 13.1 | 16.3 | 17.7 | 19.2 | 20.6 |
| 3.1 ≤ E < 3.3 | 10.2 | 12.8 | 16.0 | 17.5 | 18.9 | 20.4 |
| 3.3 ≤ E < 3.5 | 10.1 | 12.7 | 15.9 | 17.2 | 18.7 | 20.1 |
| 3.5 ≤ E < 3.7 | 10.0 | 12.5 | 15.6 | 17.0 | 18.4 | 19.9 |
| 3.7 ≤ E < 3.9 | 9.9 | 12.4 | 15.5 | 16.8 | 18.2 | 19.6 |
| 3.9 ≤ E < 4.1 | 9.8 | 12.3 | 15.3 | 16.7 | 18.0 | 19.5 |
| 4.1 ≤ E < 4.3 | 9.8 | 12.1 | 15.2 | 16.5 | 17.9 | 19.3 |
| 4.3 ≤ E < 4.5 | 9.7 | 12.0 | 15.1 | 16.3 | 17.7 | 19.2 |
| 4.5 ≤ E < 4.7 | 9.7 | 11.9 | 15.0 | 16.2 | 17.6 | 19.0 |
| 4.7 ≤ E < 4.9 | 9.6 | 11.9 | 14.9 | 16.1 | 17.5 | 18.8 |
| E ≥ 4.9 | 9.5 | 11.8 | 14.8 | 16.0 | 17.3 | 18.7 |

**Table B2-26 Loading Table for PWR Fuel – 513 W/Assembly – WE 14x14 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | |
|---|--|---------------|
| | 43 < B ≤44 | 44 < B ≤45 |
| 1.3 ≤ E < 1.5 | - | - |
| 1.5 ≤ E < 1.7 | - | - |
| 1.7 ≤ E < 1.9 | - | - |
| 1.9 ≤ E < 2.1 | - | - |
| 2.1 ≤ E < 2.3 | - | - |
| 2.3 ≤ E < 2.5 | - | - |
| 2.5 ≤ E < 2.7 | 22.7 | - |
| 2.7 ≤ E < 2.9 | 22.3 | 23.8 |
| 2.9 ≤ E < 3.1 | 22.1 | 23.5 |
| 3.1 ≤ E < 3.3 | 21.8 | 23.2 |
| 3.3 ≤ E < 3.5 | 21.6 | 22.9 |
| 3.5 ≤ E < 3.7 | 21.3 | 22.7 |
| 3.7 ≤ E < 3.9 | 21.1 | 22.5 |
| 3.9 ≤ E < 4.1 | 20.9 | 22.3 |
| 4.1 ≤ E < 4.3 | 20.8 | 22.1 |
| 4.3 ≤ E < 4.5 | 20.6 | 21.9 |
| 4.5 ≤ E < 4.7 | 20.4 | 21.8 |
| 4.7 ≤ E < 4.9 | 20.3 | 21.6 |
| E ≥ 4.9 | 20.1 | 21.5 |

Table B2-27 Loading Table for PWR Fuel – 1300 W/Assembly – WE 14x14 Fuel

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|--|--------------|--------------|--------------|--------------|----------------|
| | B ≤10 | 10< B ≤15 | 15< B ≤20 | 20< B ≤25 | 25< B ≤30 | 30< B ≤32.5 |
| 1.3 ≤ E < 1.5 | 2.5 | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | 2.5 | 2.5 | - | - | - | - |
| 1.7 ≤ E < 1.9 | 2.5 | 2.5 | 2.5 | - | - | - |
| 1.9 ≤ E < 2.1 | 2.5 | 2.5 | 2.5 | 2.7 | - | - |
| 2.1 ≤ E < 2.3 | 2.5 | 2.5 | 2.5 | 2.6 | 3.0 | 3.2 |
| 2.3 ≤ E < 2.5 | 2.5 | 2.5 | 2.5 | 2.6 | 3.0 | 3.2 |
| 2.5 ≤ E < 2.7 | 2.5 | 2.5 | 2.5 | 2.6 | 3.0 | 3.1 |
| 2.7 ≤ E < 2.9 | 2.5 | 2.5 | 2.5 | 2.6 | 2.9 | 3.1 |
| 2.9 ≤ E < 3.1 | 2.5 | 2.5 | 2.5 | 2.5 | 2.9 | 3.0 |
| 3.1 ≤ E < 3.3 | 2.5 | 2.5 | 2.5 | 2.5 | 2.9 | 3.0 |
| 3.3 ≤ E < 3.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.9 | 3.0 |
| 3.5 ≤ E < 3.7 | 2.5 | 2.5 | 2.5 | 2.5 | 2.8 | 3.0 |
| 3.7 ≤ E < 3.9 | 2.5 | 2.5 | 2.5 | 2.5 | 2.8 | 3.0 |
| 3.9 ≤ E < 4.1 | 2.5 | 2.5 | 2.5 | 2.5 | 2.8 | 2.9 |
| 4.1 ≤ E < 4.3 | 2.5 | 2.5 | 2.5 | 2.5 | 2.8 | 2.9 |
| 4.3 ≤ E < 4.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.8 | 2.9 |
| 4.5 ≤ E < 4.7 | 2.5 | 2.5 | 2.5 | 2.5 | 2.7 | 2.9 |
| 4.7 ≤ E < 4.9 | 2.5 | 2.5 | 2.5 | 2.5 | 2.7 | 2.9 |
| E ≥ 4.9 | 2.5 | 2.5 | 2.5 | 2.5 | 2.7 | 2.8 |

**Table B2-27 Loading Table for PWR Fuel – 1300 W/Assembly – WE 14x14 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|--|-----------------|-----------------|---------------|---------------|---------------|
| | 32.5 < B ≤35 | 35 < B ≤37.5 | 37.5 < B ≤40 | 40 < B ≤41 | 41 < B ≤42 | 42 < B ≤43 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | 3.4 | 3.6 | - | - | - | - |
| 2.5 ≤ E < 2.7 | 3.3 | 3.6 | 3.8 | 3.9 | 4.0 | 4.1 |
| 2.7 ≤ E < 2.9 | 3.3 | 3.5 | 3.8 | 3.9 | 4.0 | 4.1 |
| 2.9 ≤ E < 3.1 | 3.3 | 3.5 | 3.7 | 3.8 | 3.9 | 4.0 |
| 3.1 ≤ E < 3.3 | 3.2 | 3.4 | 3.7 | 3.8 | 3.9 | 4.0 |
| 3.3 ≤ E < 3.5 | 3.2 | 3.4 | 3.6 | 3.7 | 3.8 | 3.9 |
| 3.5 ≤ E < 3.7 | 3.2 | 3.4 | 3.6 | 3.7 | 3.8 | 3.9 |
| 3.7 ≤ E < 3.9 | 3.1 | 3.4 | 3.6 | 3.6 | 3.8 | 3.9 |
| 3.9 ≤ E < 4.1 | 3.1 | 3.3 | 3.5 | 3.6 | 3.7 | 3.8 |
| 4.1 ≤ E < 4.3 | 3.1 | 3.3 | 3.5 | 3.6 | 3.7 | 3.8 |
| 4.3 ≤ E < 4.5 | 3.0 | 3.3 | 3.5 | 3.6 | 3.6 | 3.8 |
| 4.5 ≤ E < 4.7 | 3.0 | 3.2 | 3.4 | 3.5 | 3.6 | 3.7 |
| 4.7 ≤ E < 4.9 | 3.0 | 3.2 | 3.4 | 3.5 | 3.6 | 3.7 |
| E ≥ 4.9 | 3.0 | 3.2 | 3.4 | 3.5 | 3.5 | 3.7 |

**Table B2-27 Loading Table for PWR Fuel – 1300 W/Assembly – WE 14x14 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | |
|---|--|---------------|
| | 43 < B ≤44 | 44 < B ≤45 |
| 1.3 ≤ E < 1.5 | - | - |
| 1.5 ≤ E < 1.7 | - | - |
| 1.7 ≤ E < 1.9 | - | - |
| 1.9 ≤ E < 2.1 | - | - |
| 2.1 ≤ E < 2.3 | - | - |
| 2.3 ≤ E < 2.5 | - | - |
| 2.5 ≤ E < 2.7 | 4.3 | - |
| 2.7 ≤ E < 2.9 | 4.2 | 4.3 |
| 2.9 ≤ E < 3.1 | 4.2 | 4.3 |
| 3.1 ≤ E < 3.3 | 4.1 | 4.2 |
| 3.3 ≤ E < 3.5 | 4.0 | 4.2 |
| 3.5 ≤ E < 3.7 | 4.0 | 4.1 |
| 3.7 ≤ E < 3.9 | 4.0 | 4.0 |
| 3.9 ≤ E < 4.1 | 3.9 | 4.0 |
| 4.1 ≤ E < 4.3 | 3.9 | 4.0 |
| 4.3 ≤ E < 4.5 | 3.8 | 3.9 |
| 4.5 ≤ E < 4.7 | 3.9 | 3.9 |
| 4.7 ≤ E < 4.9 | 3.8 | 3.9 |
| E ≥ 4.9 | 3.8 | 3.8 |

Table B2-28 Loading Table for PWR Fuel – 1800 W/Assembly – WE 14x14 Fuel

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|--|--------------|--------------|--------------|--------------|----------------|
| | B ≤10 | 10< B ≤15 | 15< B ≤20 | 20< B ≤25 | 25< B ≤30 | 30< B ≤32.5 |
| 1.3 ≤ E < 1.5 | 2.5 | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | 2.5 | 2.5 | - | - | - | - |
| 1.7 ≤ E < 1.9 | 2.5 | 2.5 | 2.5 | - | - | - |
| 1.9 ≤ E < 2.1 | 2.5 | 2.5 | 2.5 | 2.5 | - | - |
| 2.1 ≤ E < 2.3 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 2.3 ≤ E < 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 2.5 ≤ E < 2.7 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 2.7 ≤ E < 2.9 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 2.9 ≤ E < 3.1 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 3.1 ≤ E < 3.3 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 3.3 ≤ E < 3.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 3.5 ≤ E < 3.7 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 3.7 ≤ E < 3.9 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 3.9 ≤ E < 4.1 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 4.1 ≤ E < 4.3 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 4.3 ≤ E < 4.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 4.5 ≤ E < 4.7 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 4.7 ≤ E < 4.9 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| E ≥ 4.9 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |

**Table B2-28 Loading Table for PWR Fuel – 1800 W/Assembly – WE 14x14 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|--|----------------|----------------|--------------|--------------|--------------|
| | 32.5< B ≤35 | 35< B ≤37.5 | 37.5< B ≤40 | 40< B ≤41 | 41< B ≤42 | 42< B ≤43 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | 2.6 | 2.7 | - | - | - | - |
| 2.5 ≤ E < 2.7 | 2.5 | 2.7 | 2.9 | 2.9 | 3.0 | 3.1 |
| 2.7 ≤ E < 2.9 | 2.5 | 2.7 | 2.8 | 2.9 | 3.0 | 3.0 |
| 2.9 ≤ E < 3.1 | 2.5 | 2.6 | 2.8 | 2.9 | 2.9 | 3.0 |
| 3.1 ≤ E < 3.3 | 2.5 | 2.6 | 2.8 | 2.8 | 2.9 | 3.0 |
| 3.3 ≤ E < 3.5 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 2.9 |
| 3.5 ≤ E < 3.7 | 2.5 | 2.5 | 2.7 | 2.8 | 2.8 | 2.9 |
| 3.7 ≤ E < 3.9 | 2.5 | 2.5 | 2.7 | 2.7 | 2.8 | 2.9 |
| 3.9 ≤ E < 4.1 | 2.5 | 2.5 | 2.6 | 2.7 | 2.8 | 2.8 |
| 4.1 ≤ E < 4.3 | 2.5 | 2.5 | 2.6 | 2.7 | 2.8 | 2.8 |
| 4.3 ≤ E < 4.5 | 2.5 | 2.5 | 2.6 | 2.7 | 2.7 | 2.8 |
| 4.5 ≤ E < 4.7 | 2.5 | 2.5 | 2.6 | 2.6 | 2.7 | 2.8 |
| 4.7 ≤ E < 4.9 | 2.5 | 2.5 | 2.5 | 2.6 | 2.7 | 2.7 |
| E ≥ 4.9 | 2.5 | 2.5 | 2.5 | 2.6 | 2.6 | 2.7 |

Table B2-28 Loading Table for PWR Fuel – 1800 W/Assembly – WE 14x14 Fuel
(Continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | |
|---|--|---------------|
| | 43 < B ≤44 | 44 < B ≤45 |
| 1.3 ≤ E < 1.5 | - | - |
| 1.5 ≤ E < 1.7 | - | - |
| 1.7 ≤ E < 1.9 | - | - |
| 1.9 ≤ E < 2.1 | - | - |
| 2.1 ≤ E < 2.3 | - | - |
| 2.3 ≤ E < 2.5 | - | - |
| 2.5 ≤ E < 2.7 | 3.1 | - |
| 2.7 ≤ E < 2.9 | 3.1 | 3.2 |
| 2.9 ≤ E < 3.1 | 3.1 | 3.1 |
| 3.1 ≤ E < 3.3 | 3.0 | 3.1 |
| 3.3 ≤ E < 3.5 | 3.0 | 3.1 |
| 3.5 ≤ E < 3.7 | 3.0 | 3.0 |
| 3.7 ≤ E < 3.9 | 2.9 | 3.0 |
| 3.9 ≤ E < 4.1 | 2.9 | 3.0 |
| 4.1 ≤ E < 4.3 | 2.9 | 2.9 |
| 4.3 ≤ E < 4.5 | 2.8 | 2.9 |
| 4.5 ≤ E < 4.7 | 2.9 | 2.9 |
| 4.7 ≤ E < 4.9 | 2.8 | 2.9 |
| E ≥ 4.9 | 2.8 | 2.8 |

Table B2-29 Loading Table for PWR Fuel – 830 W/Assembly – WE 14x14 Fuel

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|--|--------------|--------------|--------------|--------------|----------------|
| | B ≤10 | 10< B ≤15 | 15< B ≤20 | 20< B ≤25 | 25< B ≤30 | 30< B ≤32.5 |
| 1.3 ≤ E < 1.5 | 2.5 | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | 2.5 | 2.7 | - | - | - | - |
| 1.7 ≤ E < 1.9 | 2.5 | 2.7 | 3.2 | - | - | - |
| 1.9 ≤ E < 2.1 | 2.5 | 2.7 | 3.2 | 3.8 | - | - |
| 2.1 ≤ E < 2.3 | 2.5 | 2.6 | 3.1 | 3.7 | 4.4 | 4.7 |
| 2.3 ≤ E < 2.5 | 2.5 | 2.6 | 3.1 | 3.7 | 4.3 | 4.6 |
| 2.5 ≤ E < 2.7 | 2.5 | 2.6 | 3.1 | 3.6 | 4.3 | 4.6 |
| 2.7 ≤ E < 2.9 | 2.5 | 2.6 | 3.0 | 3.6 | 4.2 | 4.5 |
| 2.9 ≤ E < 3.1 | 2.5 | 2.5 | 3.0 | 3.6 | 4.2 | 4.5 |
| 3.1 ≤ E < 3.3 | 2.5 | 2.5 | 3.0 | 3.5 | 4.2 | 4.5 |
| 3.3 ≤ E < 3.5 | 2.5 | 2.5 | 3.0 | 3.5 | 4.1 | 4.4 |
| 3.5 ≤ E < 3.7 | 2.5 | 2.5 | 3.0 | 3.5 | 4.1 | 4.4 |
| 3.7 ≤ E < 3.9 | 2.5 | 2.5 | 3.0 | 3.5 | 4.0 | 4.4 |
| 3.9 ≤ E < 4.1 | 2.5 | 2.5 | 2.9 | 3.5 | 4.0 | 4.3 |
| 4.1 ≤ E < 4.3 | 2.5 | 2.5 | 2.9 | 3.4 | 4.0 | 4.3 |
| 4.3 ≤ E < 4.5 | 2.5 | 2.5 | 2.9 | 3.4 | 4.0 | 4.3 |
| 4.5 ≤ E < 4.7 | 2.5 | 2.5 | 2.9 | 3.4 | 4.0 | 4.2 |
| 4.7 ≤ E < 4.9 | 2.5 | 2.5 | 2.9 | 3.4 | 3.9 | 4.2 |
| E ≥ 4.9 | 2.5 | 2.5 | 2.9 | 3.4 | 3.9 | 4.2 |

**Table B2-29 Loading Table for PWR Fuel – 830 W/Assembly – WE 14x14 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|--|----------------|----------------|--------------|--------------|--------------|
| | 32.5< B ≤35 | 35< B ≤37.5 | 37.5< B ≤40 | 40< B ≤41 | 41< B ≤42 | 42< B ≤43 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | 5.1 | 5.6 | - | - | - | - |
| 2.5 ≤ E < 2.7 | 5.0 | 5.6 | 6.1 | 6.4 | 6.8 | 7.1 |
| 2.7 ≤ E < 2.9 | 5.0 | 5.5 | 6.0 | 6.3 | 6.6 | 6.9 |
| 2.9 ≤ E < 3.1 | 4.9 | 5.4 | 6.0 | 6.2 | 6.5 | 6.8 |
| 3.1 ≤ E < 3.3 | 4.9 | 5.4 | 5.9 | 6.1 | 6.4 | 6.7 |
| 3.3 ≤ E < 3.5 | 4.8 | 5.3 | 5.8 | 6.0 | 6.3 | 6.6 |
| 3.5 ≤ E < 3.7 | 4.8 | 5.2 | 5.8 | 6.0 | 6.3 | 6.6 |
| 3.7 ≤ E < 3.9 | 4.7 | 5.2 | 5.7 | 5.9 | 6.2 | 6.5 |
| 3.9 ≤ E < 4.1 | 4.7 | 5.1 | 5.7 | 5.9 | 6.1 | 6.4 |
| 4.1 ≤ E < 4.3 | 4.6 | 5.1 | 5.6 | 5.8 | 6.0 | 6.3 |
| 4.3 ≤ E < 4.5 | 4.6 | 5.0 | 5.6 | 5.8 | 6.0 | 6.2 |
| 4.5 ≤ E < 4.7 | 4.6 | 5.0 | 5.5 | 5.7 | 5.9 | 6.2 |
| 4.7 ≤ E < 4.9 | 4.5 | 5.0 | 5.5 | 5.7 | 5.9 | 6.1 |
| E ≥ 4.9 | 4.5 | 4.9 | 5.4 | 5.6 | 5.9 | 6.0 |

**Table B2-29 Loading Table for PWR Fuel – 830 W/Assembly – WE 14x14 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | |
|---|--|---------------|
| | 43 < B ≤44 | 44 < B ≤45 |
| 1.3 ≤ E < 1.5 | - | - |
| 1.5 ≤ E < 1.7 | - | - |
| 1.7 ≤ E < 1.9 | - | - |
| 1.9 ≤ E < 2.1 | - | - |
| 2.1 ≤ E < 2.3 | - | - |
| 2.3 ≤ E < 2.5 | - | - |
| 2.5 ≤ E < 2.7 | 7.5 | - |
| 2.7 ≤ E < 2.9 | 7.3 | 7.7 |
| 2.9 ≤ E < 3.1 | 7.2 | 7.6 |
| 3.1 ≤ E < 3.3 | 7.0 | 7.5 |
| 3.3 ≤ E < 3.5 | 6.9 | 7.3 |
| 3.5 ≤ E < 3.7 | 6.8 | 7.2 |
| 3.7 ≤ E < 3.9 | 6.8 | 7.1 |
| 3.9 ≤ E < 4.1 | 6.7 | 7.0 |
| 4.1 ≤ E < 4.3 | 6.6 | 6.9 |
| 4.3 ≤ E < 4.5 | 6.6 | 6.8 |
| 4.5 ≤ E < 4.7 | 6.5 | 6.8 |
| 4.7 ≤ E < 4.9 | 6.4 | 6.7 |
| E ≥ 4.9 | 6.4 | 6.7 |

Note: For fuel assembly average burnup greater than 45 GWd/MTU, cool time tables have been revised to account for a 5% margin in heat load.

Table B2-30 Loading Table for PWR Fuel – 487 W/Assembly – WE 14x14 Fuel

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|--|--------------|--------------|--------------|--------------|--------------|
| | 45< B ≤46 | 46< B ≤47 | 47< B ≤48 | 48< B ≤49 | 49< B ≤50 | 50< B ≤51 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 27.9 | 29.3 | 30.7 | 32.0 | - | - |
| 2.9 ≤ E < 3.1 | 27.6 | 29.0 | 30.4 | 31.8 | 32.7 | 33.9 |
| 3.1 ≤ E < 3.3 | 27.4 | 28.8 | 30.2 | 31.6 | 32.4 | 33.7 |
| 3.3 ≤ E < 3.5 | 27.1 | 28.5 | 30.0 | 31.4 | 32.2 | 33.6 |
| 3.5 ≤ E < 3.7 | 26.9 | 28.3 | 29.7 | 31.1 | 32.0 | 33.3 |
| 3.7 ≤ E < 3.9 | 26.7 | 28.1 | 29.5 | 30.9 | 31.8 | 33.1 |
| 3.9 ≤ E < 4.1 | 26.6 | 27.9 | 29.4 | 30.8 | 31.6 | 32.9 |
| 4.1 ≤ E < 4.3 | 26.3 | 27.8 | 29.2 | 30.6 | 31.4 | 33.5 |
| 4.3 ≤ E < 4.5 | 26.1 | 27.5 | 29.0 | 30.3 | 31.2 | 32.6 |
| 4.5 ≤ E < 4.7 | 26.0 | 27.4 | 28.8 | 30.2 | 31.1 | 32.4 |
| 4.7 ≤ E < 4.9 | 25.9 | 27.3 | 28.6 | 30.1 | 30.9 | 32.3 |
| E ≥ 4.9 | 25.8 | 27.1 | 28.5 | 30.0 | 30.8 | 32.1 |

**Table B2-30 Loading Table for PWR Fuel – 487 W/Assembly – WE 14x14 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|--|--------------|--------------|--------------|--------------|--------------|
| | 51< B ≤52 | 52< B ≤53 | 53< B ≤54 | 54< B ≤55 | 55< B ≤56 | 56< B ≤57 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 35.2 | 36.4 | 37.7 | - | - | - |
| 3.1 ≤ E < 3.3 | 35.0 | 36.2 | 37.4 | 38.8 | 39.8 | 41.0 |
| 3.3 ≤ E < 3.5 | 34.8 | 36.0 | 37.2 | 38.5 | 39.6 | 40.9 |
| 3.5 ≤ E < 3.7 | 34.5 | 35.9 | 37.1 | 38.4 | 39.5 | 40.7 |
| 3.7 ≤ E < 3.9 | 34.3 | 35.6 | 36.9 | 38.2 | 39.4 | 40.5 |
| 3.9 ≤ E < 4.1 | 34.2 | 35.4 | 36.7 | 38.1 | 39.2 | 40.4 |
| 4.1 ≤ E < 4.3 | 34.1 | 35.2 | 36.6 | 37.9 | 39.2 | 40.2 |
| 4.3 ≤ E < 4.5 | 33.9 | 35.2 | 36.4 | 37.7 | 39.0 | 40.2 |
| 4.5 ≤ E < 4.7 | 33.7 | 35.0 | 36.3 | 37.6 | 38.8 | 40.0 |
| 4.7 ≤ E < 4.9 | 33.5 | 34.8 | 36.1 | 37.4 | 38.7 | 39.8 |
| E ≥ 4.9 | 33.4 | 34.7 | 35.9 | 37.3 | 38.6 | 39.7 |

Table B2-30 Loading Table for PWR Fuel – 487 W/Assembly – WE 14x14 Fuel

(Continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | |
|---|---|--------|--------|
| | 57 < B | 58 < B | 59 < B |
| | ≤58 | ≤59 | ≤60 |
| 1.3 ≤ E < 1.5 | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - |
| 3.1 ≤ E < 3.3 | 42.1 | 43.3 | - |
| 3.3 ≤ E < 3.5 | 42.0 | 43.1 | 44.1 |
| 3.5 ≤ E < 3.7 | 41.9 | 43.0 | 44.1 |
| 3.7 ≤ E < 3.9 | 41.7 | 42.9 | 43.9 |
| 3.9 ≤ E < 4.1 | 41.6 | 42.7 | 43.8 |
| 4.1 ≤ E < 4.3 | 41.5 | 42.6 | 43.7 |
| 4.3 ≤ E < 4.5 | 41.3 | 42.5 | 43.6 |
| 4.5 ≤ E < 4.7 | 41.2 | 42.4 | 43.5 |
| 4.7 ≤ E < 4.9 | 41.0 | 42.3 | 43.4 |
| E ≥ 4.9 | 40.9 | 42.1 | 43.3 |

Table B2-31 Loading Table for PWR Fuel – 1235 W/Assembly – WE 14x14 Fuel

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|--|--------------|--------------|--------------|--------------|--------------|
| | 45< B ≤46 | 46< B ≤47 | 47< B ≤48 | 48< B ≤49 | 49< B ≤50 | 50< B ≤51 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 4.7 | 4.9 | 5.0 | 5.2 | - | - |
| 2.9 ≤ E < 3.1 | 4.6 | 4.8 | 4.9 | 5.1 | 5.2 | 5.4 |
| 3.1 ≤ E < 3.3 | 4.6 | 4.7 | 4.9 | 5.0 | 5.1 | 5.3 |
| 3.3 ≤ E < 3.5 | 4.5 | 4.6 | 4.8 | 4.9 | 5.0 | 5.2 |
| 3.5 ≤ E < 3.7 | 4.5 | 4.6 | 4.7 | 4.9 | 5.0 | 5.2 |
| 3.7 ≤ E < 3.9 | 4.4 | 4.5 | 4.7 | 4.8 | 4.9 | 5.1 |
| 3.9 ≤ E < 4.1 | 4.4 | 4.5 | 4.6 | 4.8 | 4.9 | 5.0 |
| 4.1 ≤ E < 4.3 | 4.3 | 4.4 | 4.5 | 4.7 | 4.8 | 4.9 |
| 4.3 ≤ E < 4.5 | 4.3 | 4.4 | 4.5 | 4.6 | 4.8 | 4.9 |
| 4.5 ≤ E < 4.7 | 4.2 | 4.3 | 4.5 | 4.6 | 4.7 | 4.8 |
| 4.7 ≤ E < 4.9 | 4.2 | 4.3 | 4.4 | 4.6 | 4.7 | 4.8 |
| E ≥ 4.9 | 4.1 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 |

**Table B2-31 Loading Table for PWR Fuel – 1235 W/Assembly – WE 14x14 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|--|--------------|--------------|--------------|--------------|--------------|
| | 51< B ≤52 | 52< B ≤53 | 53< B ≤54 | 54< B ≤55 | 55< B ≤56 | 56< B ≤57 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 5.6 | 5.8 | 6.0 | - | - | - |
| 3.1 ≤ E < 3.3 | 5.5 | 5.7 | 5.9 | 6.1 | 6.4 | 6.7 |
| 3.3 ≤ E < 3.5 | 5.4 | 5.6 | 5.8 | 6.0 | 6.3 | 6.5 |
| 3.5 ≤ E < 3.7 | 5.4 | 5.5 | 5.7 | 5.9 | 6.1 | 6.4 |
| 3.7 ≤ E < 3.9 | 5.3 | 5.5 | 5.6 | 5.8 | 6.0 | 6.3 |
| 3.9 ≤ E < 4.1 | 5.2 | 5.4 | 5.6 | 5.8 | 5.9 | 6.1 |
| 4.1 ≤ E < 4.3 | 5.1 | 5.3 | 5.5 | 5.7 | 5.9 | 6.0 |
| 4.3 ≤ E < 4.5 | 5.0 | 5.2 | 5.4 | 5.6 | 5.8 | 6.0 |
| 4.5 ≤ E < 4.7 | 5.0 | 5.1 | 5.3 | 5.5 | 5.7 | 5.9 |
| 4.7 ≤ E < 4.9 | 4.9 | 5.1 | 5.3 | 5.5 | 5.6 | 5.8 |
| E ≥ 4.9 | 4.9 | 5.0 | 5.3 | 5.4 | 5.6 | 5.7 |

Table B2-31 Loading Table for PWR Fuel – 1235 W/Assembly – WE 14x14 Fuel

(Continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | |
|---|---|--------|--------|
| | 57 < B | 58 < B | 59 < B |
| | ≤58 | ≤59 | ≤60 |
| 1.3 ≤ E < 1.5 | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - |
| 3.1 ≤ E < 3.3 | 6.9 | 7.2 | - |
| 3.3 ≤ E < 3.5 | 6.8 | 7.0 | 7.4 |
| 3.5 ≤ E < 3.7 | 6.7 | 6.9 | 7.2 |
| 3.7 ≤ E < 3.9 | 6.5 | 6.8 | 7.0 |
| 3.9 ≤ E < 4.1 | 6.4 | 6.7 | 6.9 |
| 4.1 ≤ E < 4.3 | 6.3 | 6.5 | 6.8 |
| 4.3 ≤ E < 4.5 | 6.2 | 6.4 | 6.7 |
| 4.5 ≤ E < 4.7 | 6.1 | 6.3 | 6.6 |
| 4.7 ≤ E < 4.9 | 6.0 | 6.2 | 6.5 |
| E ≥ 4.9 | 5.9 | 6.1 | 6.4 |

Table B2-32 Loading Table for PWR Fuel – 1710 W/Assembly – WE 14x14 Fuel

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|--|--------------|--------------|--------------|--------------|--------------|
| | 45< B ≤46 | 46< B ≤47 | 47< B ≤48 | 48< B ≤49 | 49< B ≤50 | 50< B ≤51 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 3.4 | 3.5 | 3.6 | 3.7 | - | - |
| 2.9 ≤ E < 3.1 | 3.4 | 3.5 | 3.5 | 3.6 | 3.7 | 3.8 |
| 3.1 ≤ E < 3.3 | 3.3 | 3.4 | 3.5 | 3.6 | 3.6 | 3.7 |
| 3.3 ≤ E < 3.5 | 3.3 | 3.4 | 3.4 | 3.5 | 3.6 | 3.7 |
| 3.5 ≤ E < 3.7 | 3.3 | 3.3 | 3.4 | 3.5 | 3.5 | 3.6 |
| 3.7 ≤ E < 3.9 | 3.2 | 3.3 | 3.4 | 3.4 | 3.5 | 3.6 |
| 3.9 ≤ E < 4.1 | 3.2 | 3.3 | 3.3 | 3.4 | 3.5 | 3.5 |
| 4.1 ≤ E < 4.3 | 3.1 | 3.2 | 3.3 | 3.4 | 3.4 | 3.5 |
| 4.3 ≤ E < 4.5 | 3.1 | 3.2 | 3.3 | 3.3 | 3.4 | 3.5 |
| 4.5 ≤ E < 4.7 | 3.1 | 3.2 | 3.2 | 3.3 | 3.4 | 3.4 |
| 4.7 ≤ E < 4.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.4 |
| E ≥ 4.9 | 3.0 | 3.1 | 3.2 | 3.2 | 3.3 | 3.4 |

**Table B2-32 Loading Table for PWR Fuel – 1710 W/Assembly – WE 14x14 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|--|--------------|--------------|--------------|--------------|--------------|
| | 51< B ≤52 | 52< B ≤53 | 53< B ≤54 | 54< B ≤55 | 55< B ≤56 | 56< B ≤57 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 3.9 | 4.0 | 4.0 | - | - | - |
| 3.1 ≤ E < 3.3 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 |
| 3.3 ≤ E < 3.5 | 3.8 | 3.9 | 4.0 | 4.0 | 4.2 | 4.3 |
| 3.5 ≤ E < 3.7 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 |
| 3.7 ≤ E < 3.9 | 3.7 | 3.8 | 3.8 | 3.9 | 4.0 | 4.2 |
| 3.9 ≤ E < 4.1 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 |
| 4.1 ≤ E < 4.3 | 3.6 | 3.7 | 3.8 | 3.8 | 3.9 | 4.0 |
| 4.3 ≤ E < 4.5 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 |
| 4.5 ≤ E < 4.7 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 3.9 |
| 4.7 ≤ E < 4.9 | 3.5 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 |
| E ≥ 4.9 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 |

Table B2-32 Loading Table for PWR Fuel – 1710 W/Assembly – WE 14x14 Fuel

(Continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | |
|---|---|--------|--------|
| | 57 < B | 58 < B | 59 < B |
| | ≤58 | ≤59 | ≤60 |
| 1.3 ≤ E < 1.5 | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - |
| 3.1 ≤ E < 3.3 | 4.4 | 4.6 | - |
| 3.3 ≤ E < 3.5 | 4.4 | 4.5 | 4.6 |
| 3.5 ≤ E < 3.7 | 4.3 | 4.4 | 4.5 |
| 3.7 ≤ E < 3.9 | 4.3 | 4.4 | 4.5 |
| 3.9 ≤ E < 4.1 | 4.2 | 4.3 | 4.4 |
| 4.1 ≤ E < 4.3 | 4.1 | 4.2 | 4.3 |
| 4.3 ≤ E < 4.5 | 4.1 | 4.2 | 4.3 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.1 | 4.2 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.1 | 4.2 |
| E ≥ 4.9 | 3.9 | 4.0 | 4.1 |

Table B2-33 Loading Table for PWR Fuel – 788 W/Assembly – WE 14x14 Fuel

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|--|--------------|--------------|--------------|--------------|--------------|
| | 45< B ≤46 | 46< B ≤47 | 47< B ≤48 | 48< B ≤49 | 49< B ≤50 | 50< B ≤51 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 9.0 | 9.7 | 10.4 | 11.2 | - | - |
| 2.9 ≤ E < 3.1 | 8.9 | 9.5 | 10.1 | 10.9 | 11.4 | 12.2 |
| 3.1 ≤ E < 3.3 | 8.7 | 9.2 | 9.9 | 10.6 | 11.1 | 11.9 |
| 3.3 ≤ E < 3.5 | 8.5 | 9.0 | 9.7 | 10.3 | 10.9 | 11.6 |
| 3.5 ≤ E < 3.7 | 8.4 | 8.9 | 9.5 | 10.1 | 10.6 | 11.4 |
| 3.7 ≤ E < 3.9 | 8.2 | 8.7 | 9.3 | 9.9 | 10.4 | 11.1 |
| 3.9 ≤ E < 4.1 | 8.1 | 8.6 | 9.1 | 9.7 | 10.2 | 10.9 |
| 4.1 ≤ E < 4.3 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.7 |
| 4.3 ≤ E < 4.5 | 7.9 | 8.4 | 8.8 | 9.4 | 9.8 | 10.5 |
| 4.5 ≤ E < 4.7 | 7.8 | 8.2 | 8.7 | 9.3 | 9.7 | 10.3 |
| 4.7 ≤ E < 4.9 | 7.7 | 8.1 | 8.6 | 9.1 | 9.5 | 10.2 |
| E ≥ 4.9 | 7.6 | 8.0 | 8.5 | 9.0 | 9.4 | 10.0 |

**Table B2-33 Loading Table for PWR Fuel – 788 W/Assembly – WE 14x14 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|--|--------------|--------------|--------------|--------------|--------------|
| | 51< B ≤52 | 52< B ≤53 | 53< B ≤54 | 54< B ≤55 | 55< B ≤56 | 56< B ≤57 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 13.1 | 14.0 | 15.0 | - | - | - |
| 3.1 ≤ E < 3.3 | 12.8 | 13.6 | 14.6 | 15.6 | 16.6 | 17.7 |
| 3.3 ≤ E < 3.5 | 12.4 | 13.3 | 14.2 | 15.3 | 16.2 | 17.3 |
| 3.5 ≤ E < 3.7 | 12.1 | 13.0 | 13.9 | 14.9 | 15.9 | 16.9 |
| 3.7 ≤ E < 3.9 | 11.9 | 13.0 | 13.6 | 14.6 | 15.5 | 16.5 |
| 3.9 ≤ E < 4.1 | 11.6 | 12.5 | 13.3 | 14.2 | 15.2 | 16.2 |
| 4.1 ≤ E < 4.3 | 11.4 | 12.2 | 13.1 | 13.9 | 14.9 | 15.9 |
| 4.3 ≤ E < 4.5 | 11.3 | 11.9 | 12.8 | 13.7 | 14.7 | 15.6 |
| 4.5 ≤ E < 4.7 | 11.1 | 11.8 | 12.6 | 13.5 | 14.4 | 15.3 |
| 4.7 ≤ E < 4.9 | 10.9 | 11.6 | 12.4 | 13.3 | 14.1 | 15.1 |
| E ≥ 4.9 | 10.7 | 11.5 | 12.6 | 13.1 | 13.9 | 14.8 |

Table B2-33 Loading Table for PWR Fuel – 788 W/Assembly – WE 14x14 Fuel

(Continued)

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | WE 14x14 Assembly Average Burnup (B) GWd/MTU | | |
|---|---|--------|--------|
| | 57 < B | 58 < B | 59 < B |
| | ≤58 | ≤59 | ≤60 |
| 1.3 ≤ E < 1.5 | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - |
| 3.1 ≤ E < 3.3 | 18.7 | 19.7 | - |
| 3.3 ≤ E < 3.5 | 18.2 | 19.3 | 20.4 |
| 3.5 ≤ E < 3.7 | 17.9 | 18.9 | 19.9 |
| 3.7 ≤ E < 3.9 | 17.5 | 18.6 | 19.6 |
| 3.9 ≤ E < 4.1 | 17.2 | 18.2 | 19.2 |
| 4.1 ≤ E < 4.3 | 16.9 | 17.9 | 18.9 |
| 4.3 ≤ E < 4.5 | 16.6 | 17.6 | 18.6 |
| 4.5 ≤ E < 4.7 | 16.3 | 17.3 | 18.3 |
| 4.7 ≤ E < 4.9 | 16.0 | 17.0 | 18.0 |
| E ≥ 4.9 | 15.8 | 16.8 | 17.8 |

Table B2-34 Loading Table for PWR Fuel – 513 W/Assembly – CE 16x16 Fuel

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|-------------------------------------|--------------|--------------|--------------|--------------|----------------|
| | B ≤10 | 10< B ≤15 | 15< B ≤20 | 20< B ≤25 | 25< B ≤30 | 30< B ≤32.5 |
| 1.3 ≤ E < 1.5 | 4.0 | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | 4.0 | 4.0 | - | - | - | - |
| 1.7 ≤ E < 1.9 | 4.0 | 4.0 | 4.9 | - | - | - |
| 1.9 ≤ E < 2.1 | 4.0 | 4.0 | 4.8 | 6.1 | - | - |
| 2.1 ≤ E < 2.3 | 4.0 | 4.0 | 4.8 | 6.0 | 8.2 | 10.0 |
| 2.3 ≤ E < 2.5 | 4.0 | 4.0 | 4.7 | 6.0 | 8.1 | 9.9 |
| 2.5 ≤ E < 2.7 | 4.0 | 4.0 | 4.7 | 6.0 | 8.1 | 9.8 |
| 2.7 ≤ E < 2.9 | 4.0 | 4.0 | 4.7 | 5.9 | 8.0 | 9.7 |
| 2.9 ≤ E < 3.1 | 4.0 | 4.0 | 4.6 | 5.9 | 7.9 | 9.6 |
| 3.1 ≤ E < 3.3 | 4.0 | 4.0 | 4.6 | 5.9 | 7.9 | 9.5 |
| 3.3 ≤ E < 3.5 | 4.0 | 4.0 | 4.6 | 5.8 | 7.9 | 9.4 |
| 3.5 ≤ E < 3.7 | 4.0 | 4.0 | 4.6 | 5.8 | 7.8 | 9.4 |
| 3.7 ≤ E < 3.9 | 4.0 | 4.0 | 4.5 | 5.8 | 7.8 | 9.3 |
| 3.9 ≤ E < 4.1 | 4.0 | 4.0 | 4.5 | 5.8 | 7.7 | 9.2 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.0 | 4.5 | 5.8 | 7.7 | 9.2 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.0 | 4.5 | 5.7 | 7.7 | 9.2 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.0 | 4.5 | 5.7 | 7.6 | 9.1 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.0 | 4.5 | 5.7 | 7.6 | 9.1 |
| E ≥ 4.9 | 4.0 | 4.0 | 4.5 | 5.7 | 7.6 | 9.0 |

**Table B2-34 Loading Table for PWR Fuel – 513 W/Assembly – CE 16x16 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|-------------------------------------|----------------|----------------|--------------|--------------|--------------|
| | 32.5< B ≤35 | 35< B ≤37.5 | 37.5< B ≤40 | 40< B ≤41 | 41< B ≤42 | 42< B ≤43 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | 12.5 | 15.8 | - | - | - | - |
| 2.5 ≤ E < 2.7 | 12.3 | 15.6 | 19.2 | 20.7 | 22.2 | 23.7 |
| 2.7 ≤ E < 2.9 | 12.1 | 15.4 | 19.0 | 20.5 | 22.0 | 23.4 |
| 2.9 ≤ E < 3.1 | 12.0 | 15.2 | 18.8 | 20.2 | 21.7 | 23.2 |
| 3.1 ≤ E < 3.3 | 11.9 | 15.0 | 18.5 | 19.9 | 21.5 | 23.0 |
| 3.3 ≤ E < 3.5 | 11.8 | 14.8 | 18.4 | 19.8 | 21.3 | 22.8 |
| 3.5 ≤ E < 3.7 | 11.7 | 14.7 | 18.2 | 19.7 | 21.1 | 22.5 |
| 3.7 ≤ E < 3.9 | 11.7 | 14.6 | 18.0 | 19.5 | 20.9 | 22.3 |
| 3.9 ≤ E < 4.1 | 11.6 | 14.5 | 17.9 | 19.3 | 20.8 | 22.2 |
| 4.1 ≤ E < 4.3 | 11.5 | 14.4 | 17.8 | 19.2 | 20.7 | 22.1 |
| 4.3 ≤ E < 4.5 | 11.4 | 14.3 | 17.7 | 19.1 | 20.5 | 21.9 |
| 4.5 ≤ E < 4.7 | 11.4 | 14.3 | 17.6 | 19.0 | 20.4 | 21.8 |
| 4.7 ≤ E < 4.9 | 11.4 | 14.2 | 17.5 | 18.9 | 20.3 | 21.7 |
| E ≥ 4.9 | 11.3 | 14.1 | 17.4 | 18.8 | 20.2 | 21.6 |

**Table B2-34 Loading Table for PWR Fuel – 513 W/Assembly – CE 16x16 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | |
|---|--|--------------|
| | 43< B ≤44 | 44< B ≤45 |
| 1.3 ≤ E < 1.5 | - | - |
| 1.5 ≤ E < 1.7 | - | - |
| 1.7 ≤ E < 1.9 | - | - |
| 1.9 ≤ E < 2.1 | - | - |
| 2.1 ≤ E < 2.3 | - | - |
| 2.3 ≤ E < 2.5 | - | - |
| 2.5 ≤ E < 2.7 | 25.1 | - |
| 2.7 ≤ E < 2.9 | 24.8 | 26.3 |
| 2.9 ≤ E < 3.1 | 24.6 | 26.1 |
| 3.1 ≤ E < 3.3 | 24.4 | 25.8 |
| 3.3 ≤ E < 3.5 | 24.2 | 25.6 |
| 3.5 ≤ E < 3.7 | 24.0 | 25.4 |
| 3.7 ≤ E < 3.9 | 23.8 | 25.3 |
| 3.9 ≤ E < 4.1 | 23.7 | 25.0 |
| 4.1 ≤ E < 4.3 | 23.6 | 24.9 |
| 4.3 ≤ E < 4.5 | 23.4 | 24.8 |
| 4.5 ≤ E < 4.7 | 23.2 | 24.6 |
| 4.7 ≤ E < 4.9 | 23.1 | 24.5 |
| E ≥ 4.9 | 23.0 | 24.4 |

Table B2-35 Loading Table for PWR Fuel – 1300 W/Assembly – CE 16x16 Fuel

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|-------------------------------------|--------------|--------------|--------------|--------------|----------------|
| | B ≤10 | 10< B ≤15 | 15< B ≤20 | 20< B ≤25 | 25< B ≤30 | 30< B ≤32.5 |
| 1.3 ≤ E < 1.5 | 4.0 | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | 4.0 | 4.0 | - | - | - | - |
| 1.7 ≤ E < 1.9 | 4.0 | 4.0 | 4.0 | - | - | - |
| 1.9 ≤ E < 2.1 | 4.0 | 4.0 | 4.0 | 4.0 | - | - |
| 2.1 ≤ E < 2.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 2.3 ≤ E < 2.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 2.5 ≤ E < 2.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 2.7 ≤ E < 2.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 2.9 ≤ E < 3.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.1 ≤ E < 3.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.3 ≤ E < 3.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.5 ≤ E < 3.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.7 ≤ E < 3.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.9 ≤ E < 4.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| E ≥ 4.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |

**Table B2-35 Loading Table for PWR Fuel – 1300 W/Assembly – CE 16x16 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|-------------------------------------|-----------------|-----------------|---------------|---------------|---------------|
| | 32.5 < B ≤35 | 35 < B ≤37.5 | 37.5 < B ≤40 | 40 < B ≤41 | 41 < B ≤42 | 42 < B ≤43 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | 4.0 | 4.0 | - | - | - | - |
| 2.5 ≤ E < 2.7 | 4.0 | 4.0 | 4.1 | 4.2 | 4.3 | 4.5 |
| 2.7 ≤ E < 2.9 | 4.0 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 |
| 2.9 ≤ E < 3.1 | 4.0 | 4.0 | 4.0 | 4.1 | 4.2 | 4.4 |
| 3.1 ≤ E < 3.3 | 4.0 | 4.0 | 4.0 | 4.1 | 4.2 | 4.3 |
| 3.3 ≤ E < 3.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.1 | 4.3 |
| 3.5 ≤ E < 3.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.1 | 4.2 |
| 3.7 ≤ E < 3.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.2 |
| 3.9 ≤ E < 4.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.1 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.1 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| E ≥ 4.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |

**Table B2-35 Loading Table for PWR Fuel – 1300 W/Assembly – CE 16x16 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | |
|---|--|--------------|
| | 43< B ≤44 | 44< B ≤45 |
| 1.3 ≤ E < 1.5 | - | - |
| 1.5 ≤ E < 1.7 | - | - |
| 1.7 ≤ E < 1.9 | - | - |
| 1.9 ≤ E < 2.1 | - | - |
| 2.1 ≤ E < 2.3 | - | - |
| 2.3 ≤ E < 2.5 | - | - |
| 2.5 ≤ E < 2.7 | 4.6 | - |
| 2.7 ≤ E < 2.9 | 4.5 | 4.7 |
| 2.9 ≤ E < 3.1 | 4.5 | 4.6 |
| 3.1 ≤ E < 3.3 | 4.4 | 4.5 |
| 3.3 ≤ E < 3.5 | 4.4 | 4.5 |
| 3.5 ≤ E < 3.7 | 4.3 | 4.4 |
| 3.7 ≤ E < 3.9 | 4.3 | 4.4 |
| 3.9 ≤ E < 4.1 | 4.2 | 4.3 |
| 4.1 ≤ E < 4.3 | 4.2 | 4.3 |
| 4.3 ≤ E < 4.5 | 4.2 | 4.3 |
| 4.5 ≤ E < 4.7 | 4.1 | 4.2 |
| 4.7 ≤ E < 4.9 | 4.1 | 4.2 |
| E ≥ 4.9 | 4.0 | 4.2 |

Table B2-36 Loading Table for PWR Fuel – 1800 W/Assembly – CE 16x16 Fuel

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|-------------------------------------|--------------|--------------|--------------|--------------|----------------|
| | B ≤10 | 10< B ≤15 | 15< B ≤20 | 20< B ≤25 | 25< B ≤30 | 30< B ≤32.5 |
| 1.3 ≤ E < 1.5 | 4.0 | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | 4.0 | 4.0 | - | - | - | - |
| 1.7 ≤ E < 1.9 | 4.0 | 4.0 | 4.0 | - | - | - |
| 1.9 ≤ E < 2.1 | 4.0 | 4.0 | 4.0 | 4.0 | - | - |
| 2.1 ≤ E < 2.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 2.3 ≤ E < 2.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 2.5 ≤ E < 2.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 2.7 ≤ E < 2.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 2.9 ≤ E < 3.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.1 ≤ E < 3.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.3 ≤ E < 3.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.5 ≤ E < 3.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.7 ≤ E < 3.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.9 ≤ E < 4.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| E ≥ 4.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |

**Table B2-36 Loading Table for PWR Fuel – 1800 W/Assembly – CE 16x16 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|-------------------------------------|-----------------|-----------------|---------------|---------------|---------------|
| | 32.5 < B ≤35 | 35 < B ≤37.5 | 37.5 < B ≤40 | 40 < B ≤41 | 41 < B ≤42 | 42 < B ≤43 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | 4.0 | 4.0 | - | - | - | - |
| 2.5 ≤ E < 2.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 2.7 ≤ E < 2.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 2.9 ≤ E < 3.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.1 ≤ E < 3.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.3 ≤ E < 3.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.5 ≤ E < 3.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.7 ≤ E < 3.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.9 ≤ E < 4.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| E ≥ 4.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |

**Table B2-36 Loading Table for PWR Fuel – 1800 W/Assembly – CE 16x16 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | |
|---|--|--------------|
| | 43< B ≤44 | 44< B ≤45 |
| 1.3 ≤ E < 1.5 | - | - |
| 1.5 ≤ E < 1.7 | - | - |
| 1.7 ≤ E < 1.9 | - | - |
| 1.9 ≤ E < 2.1 | - | - |
| 2.1 ≤ E < 2.3 | - | - |
| 2.3 ≤ E < 2.5 | - | - |
| 2.5 ≤ E < 2.7 | 4.0 | - |
| 2.7 ≤ E < 2.9 | 4.0 | 4.0 |
| 2.9 ≤ E < 3.1 | 4.0 | 4.0 |
| 3.1 ≤ E < 3.3 | 4.0 | 4.0 |
| 3.3 ≤ E < 3.5 | 4.0 | 4.0 |
| 3.5 ≤ E < 3.7 | 4.0 | 4.0 |
| 3.7 ≤ E < 3.9 | 4.0 | 4.0 |
| 3.9 ≤ E < 4.1 | 4.0 | 4.0 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.0 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.0 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.0 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.0 |
| E ≥ 4.9 | 4.0 | 4.0 |

Table B2-37 Loading Table for PWR Fuel – 830 W/Assembly – CE 16x16 Fuel

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|-------------------------------------|--------------|--------------|--------------|--------------|----------------|
| | B ≤10 | 10< B ≤15 | 15< B ≤20 | 20< B ≤25 | 25< B ≤30 | 30< B ≤32.5 |
| 1.3 ≤ E < 1.5 | 4.0 | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | 4.0 | 4.0 | - | - | - | - |
| 1.7 ≤ E < 1.9 | 4.0 | 4.0 | 4.0 | - | - | - |
| 1.9 ≤ E < 2.1 | 4.0 | 4.0 | 4.0 | 4.0 | - | - |
| 2.1 ≤ E < 2.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.7 | 5.0 |
| 2.3 ≤ E < 2.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.6 | 5.0 |
| 2.5 ≤ E < 2.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.6 | 4.9 |
| 2.7 ≤ E < 2.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.5 | 4.9 |
| 2.9 ≤ E < 3.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.5 | 4.8 |
| 3.1 ≤ E < 3.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.4 | 4.8 |
| 3.3 ≤ E < 3.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.4 | 4.7 |
| 3.5 ≤ E < 3.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.4 | 4.7 |
| 3.7 ≤ E < 3.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.4 | 4.7 |
| 3.9 ≤ E < 4.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.3 | 4.6 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.3 | 4.6 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.3 | 4.6 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.3 | 4.5 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.2 | 4.5 |
| E ≥ 4.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.2 | 4.5 |

**Table B2-37 Loading Table for PWR Fuel – 830 W/Assembly – CE 16x16 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|-------------------------------------|-----------------|-----------------|---------------|---------------|---------------|
| | 32.5 < B ≤35 | 35 < B ≤37.5 | 37.5 < B ≤40 | 40 < B ≤41 | 41 < B ≤42 | 42 < B ≤43 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | 5.5 | 6.0 | - | - | - | - |
| 2.5 ≤ E < 2.7 | 5.4 | 6.0 | 6.7 | 7.0 | 7.4 | 7.8 |
| 2.7 ≤ E < 2.9 | 5.4 | 5.9 | 6.6 | 6.9 | 7.2 | 7.7 |
| 2.9 ≤ E < 3.1 | 5.3 | 5.8 | 6.5 | 6.8 | 7.1 | 7.5 |
| 3.1 ≤ E < 3.3 | 5.2 | 5.8 | 6.4 | 6.7 | 7.0 | 7.4 |
| 3.3 ≤ E < 3.5 | 5.2 | 5.7 | 6.3 | 6.6 | 6.9 | 7.3 |
| 3.5 ≤ E < 3.7 | 5.1 | 5.7 | 6.3 | 6.6 | 6.8 | 7.2 |
| 3.7 ≤ E < 3.9 | 5.1 | 5.6 | 6.2 | 6.5 | 6.8 | 7.1 |
| 3.9 ≤ E < 4.1 | 5.0 | 5.6 | 6.1 | 6.4 | 6.7 | 7.0 |
| 4.1 ≤ E < 4.3 | 5.0 | 5.5 | 6.0 | 6.4 | 6.7 | 6.9 |
| 4.3 ≤ E < 4.5 | 5.0 | 5.5 | 6.0 | 6.3 | 6.6 | 6.9 |
| 4.5 ≤ E < 4.7 | 4.9 | 5.5 | 6.0 | 6.2 | 6.5 | 6.8 |
| 4.7 ≤ E < 4.9 | 4.9 | 5.4 | 5.9 | 6.2 | 6.5 | 6.8 |
| E ≥ 4.9 | 4.9 | 5.4 | 5.9 | 6.1 | 6.4 | 6.7 |

**Table B2-37 Loading Table for PWR Fuel – 830 W/Assembly – CE 16x16 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | |
|---|--|--------------|
| | 43< B ≤44 | 44< B ≤45 |
| 1.3 ≤ E < 1.5 | - | - |
| 1.5 ≤ E < 1.7 | - | - |
| 1.7 ≤ E < 1.9 | - | - |
| 1.9 ≤ E < 2.1 | - | - |
| 2.1 ≤ E < 2.3 | - | - |
| 2.3 ≤ E < 2.5 | - | - |
| 2.5 ≤ E < 2.7 | 8.2 | - |
| 2.7 ≤ E < 2.9 | 8.0 | 8.6 |
| 2.9 ≤ E < 3.1 | 7.9 | 8.4 |
| 3.1 ≤ E < 3.3 | 7.8 | 8.2 |
| 3.3 ≤ E < 3.5 | 7.7 | 8.1 |
| 3.5 ≤ E < 3.7 | 7.6 | 8.0 |
| 3.7 ≤ E < 3.9 | 7.5 | 7.9 |
| 3.9 ≤ E < 4.1 | 7.4 | 7.8 |
| 4.1 ≤ E < 4.3 | 7.3 | 7.7 |
| 4.3 ≤ E < 4.5 | 7.2 | 7.6 |
| 4.5 ≤ E < 4.7 | 7.1 | 7.5 |
| 4.7 ≤ E < 4.9 | 7.0 | 7.4 |
| E ≥ 4.9 | 7.0 | 7.4 |

Note: For fuel assembly average burnup greater than 45 GWd/MTU, cool time tables have been revised to account for a 5% margin in heat load.

Table B2-38 Loading Table for PWR Fuel – 487 W/Assembly – CE 16x16 Fuel

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|-------------------------------------|--------------|--------------|--------------|--------------|--------------|
| | 45< B ≤46 | 46< B ≤47 | 47< B ≤48 | 48< B ≤49 | 49< B ≤50 | 50< B ≤51 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 30.4 | 31.8 | 33.2 | 34.5 | - | - |
| 2.9 ≤ E < 3.1 | 30.1 | 31.6 | 32.9 | 34.3 | 35.5 | 36.8 |
| 3.1 ≤ E < 3.3 | 30.0 | 31.4 | 32.7 | 34.1 | 35.4 | 36.7 |
| 3.3 ≤ E < 3.5 | 29.8 | 31.2 | 32.6 | 33.9 | 35.2 | 36.6 |
| 3.5 ≤ E < 3.7 | 29.6 | 31.1 | 32.5 | 33.8 | 35.1 | 36.3 |
| 3.7 ≤ E < 3.9 | 29.4 | 30.8 | 32.3 | 33.6 | 34.9 | 36.3 |
| 3.9 ≤ E < 4.1 | 29.3 | 30.7 | 32.1 | 33.5 | 34.7 | 36.1 |
| 4.1 ≤ E < 4.3 | 29.1 | 30.6 | 32.0 | 33.4 | 34.6 | 35.9 |
| 4.3 ≤ E < 4.5 | 29.0 | 30.4 | 31.9 | 33.2 | 34.5 | 35.9 |
| 4.5 ≤ E < 4.7 | 28.9 | 30.2 | 31.7 | 33.1 | 34.4 | 35.7 |
| 4.7 ≤ E < 4.9 | 28.8 | 30.2 | 31.5 | 33.0 | 34.3 | 35.6 |
| E ≥ 4.9 | 28.7 | 30.1 | 31.4 | 32.8 | 34.2 | 35.4 |

**Table B2-38 Loading Table for PWR Fuel – 487 W/Assembly – CE 16x16 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|-------------------------------------|-------|-------|-------|-------|-------|
| | 51< B | 52< B | 53< B | 54< B | 55< B | 56< B |
| | ≤52 | ≤53 | ≤54 | ≤55 | ≤56 | ≤57 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 38.1 | 39.3 | 40.5 | - | - | - |
| 3.1 ≤ E < 3.3 | 38.0 | 39.2 | 40.3 | 41.5 | 42.1 | 43.1 |
| 3.3 ≤ E < 3.5 | 37.8 | 39.1 | 40.2 | 41.4 | 41.9 | 43.1 |
| 3.5 ≤ E < 3.7 | 37.6 | 38.9 | 40.0 | 41.2 | 41.8 | 42.9 |
| 3.7 ≤ E < 3.9 | 37.6 | 38.7 | 39.9 | 41.1 | 41.7 | 42.8 |
| 3.9 ≤ E < 4.1 | 37.4 | 38.7 | 39.8 | 41.1 | 41.6 | 42.7 |
| 4.1 ≤ E < 4.3 | 37.3 | 38.6 | 39.7 | 40.9 | 41.4 | 42.6 |
| 4.3 ≤ E < 4.5 | 37.2 | 38.4 | 39.6 | 40.9 | 41.3 | 42.5 |
| 4.5 ≤ E < 4.7 | 37.0 | 38.2 | 39.4 | 40.8 | 41.2 | 42.4 |
| 4.7 ≤ E < 4.9 | 36.9 | 38.2 | 39.5 | 40.7 | 41.0 | 42.3 |
| E ≥ 4.9 | 36.8 | 38.0 | 39.3 | 40.5 | 40.9 | 42.1 |

**Table B2-38 Loading Table for PWR Fuel – 487 W/Assembly – CE 16x16 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | | |
|---|--|---------------|---------------|
| | 57 < B ≤58 | 58 < B ≤59 | 59 < B ≤60 |
| 1.3 ≤ E < 1.5 | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - |
| 3.1 ≤ E < 3.3 | 44.3 | 45.3 | - |
| 3.3 ≤ E < 3.5 | 44.1 | 45.2 | 46.2 |
| 3.5 ≤ E < 3.7 | 44.0 | 45.1 | 46.2 |
| 3.7 ≤ E < 3.9 | 43.9 | 44.9 | 46.1 |
| 3.9 ≤ E < 4.1 | 43.8 | 44.9 | 46.0 |
| 4.1 ≤ E < 4.3 | 43.7 | 44.8 | 45.8 |
| 4.3 ≤ E < 4.5 | 43.7 | 44.7 | 45.8 |
| 4.5 ≤ E < 4.7 | 43.5 | 44.6 | 45.7 |
| 4.7 ≤ E < 4.9 | 43.4 | 44.5 | 45.7 |
| E ≥ 4.9 | 43.4 | 44.4 | 45.6 |

Table B2-39 Loading Table for PWR Fuel – 1235 W/Assembly – CE 16x16 Fuel

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|-------------------------------------|--------------|--------------|--------------|--------------|--------------|
| | 45< B ≤46 | 46< B ≤47 | 47< B ≤48 | 48< B ≤49 | 49< B ≤50 | 50< B ≤51 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 5.1 | 5.3 | 5.5 | 5.7 | - | - |
| 2.9 ≤ E < 3.1 | 5.0 | 5.2 | 5.4 | 5.6 | 5.8 | 6.0 |
| 3.1 ≤ E < 3.3 | 4.9 | 5.1 | 5.3 | 5.5 | 5.7 | 5.9 |
| 3.3 ≤ E < 3.5 | 4.9 | 5.0 | 5.2 | 5.4 | 5.6 | 5.8 |
| 3.5 ≤ E < 3.7 | 4.8 | 5.0 | 5.1 | 5.3 | 5.5 | 5.7 |
| 3.7 ≤ E < 3.9 | 4.8 | 4.9 | 5.0 | 5.2 | 5.4 | 5.6 |
| 3.9 ≤ E < 4.1 | 4.7 | 4.9 | 5.0 | 5.2 | 5.4 | 5.6 |
| 4.1 ≤ E < 4.3 | 4.7 | 4.8 | 4.9 | 5.1 | 5.3 | 5.5 |
| 4.3 ≤ E < 4.5 | 4.6 | 4.8 | 4.9 | 5.0 | 5.2 | 5.4 |
| 4.5 ≤ E < 4.7 | 4.5 | 4.7 | 4.8 | 5.0 | 5.1 | 5.3 |
| 4.7 ≤ E < 4.9 | 4.5 | 4.7 | 4.8 | 4.9 | 5.1 | 5.3 |
| E ≥ 4.9 | 4.5 | 4.6 | 4.8 | 4.9 | 5.0 | 5.2 |

**Table B2-39 Loading Table for PWR Fuel – 1235 W/Assembly – CE 16x16 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|-------------------------------------|--------------|--------------|--------------|--------------|--------------|
| | 51< B ≤52 | 52< B ≤53 | 53< B ≤54 | 54< B ≤55 | 55< B ≤56 | 56< B ≤57 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 6.2 | 6.5 | 6.7 | - | - | - |
| 3.1 ≤ E < 3.3 | 6.1 | 6.3 | 6.6 | 6.8 | 7.0 | 7.3 |
| 3.3 ≤ E < 3.5 | 6.0 | 6.2 | 6.5 | 6.7 | 6.9 | 7.1 |
| 3.5 ≤ E < 3.7 | 5.9 | 6.1 | 6.3 | 6.6 | 6.7 | 7.0 |
| 3.7 ≤ E < 3.9 | 5.8 | 6.0 | 6.2 | 6.5 | 6.6 | 6.9 |
| 3.9 ≤ E < 4.1 | 5.7 | 5.9 | 6.1 | 6.4 | 6.5 | 6.8 |
| 4.1 ≤ E < 4.3 | 5.7 | 5.8 | 6.0 | 6.3 | 6.4 | 6.7 |
| 4.3 ≤ E < 4.5 | 5.6 | 5.8 | 5.9 | 6.2 | 6.3 | 6.6 |
| 4.5 ≤ E < 4.7 | 5.5 | 5.7 | 5.9 | 6.0 | 6.2 | 6.4 |
| 4.7 ≤ E < 4.9 | 5.5 | 5.6 | 5.8 | 6.0 | 6.1 | 6.4 |
| E ≥ 4.9 | 5.4 | 5.6 | 5.8 | 5.9 | 6.0 | 6.3 |

**Table B2-39 Loading Table for PWR Fuel – 1235 W/Assembly – CE 16x16 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | | |
|---|--|---------------|---------------|
| | 57 < B ≤58 | 58 < B ≤59 | 59 < B ≤60 |
| 1.3 ≤ E < 1.5 | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - |
| 3.1 ≤ E < 3.3 | 7.7 | 8.0 | - |
| 3.3 ≤ E < 3.5 | 7.5 | 7.8 | 8.2 |
| 3.5 ≤ E < 3.7 | 7.3 | 7.6 | 8.0 |
| 3.7 ≤ E < 3.9 | 7.1 | 7.5 | 7.8 |
| 3.9 ≤ E < 4.1 | 7.0 | 7.3 | 7.7 |
| 4.1 ≤ E < 4.3 | 6.9 | 7.2 | 7.5 |
| 4.3 ≤ E < 4.5 | 6.8 | 7.0 | 7.4 |
| 4.5 ≤ E < 4.7 | 6.7 | 6.9 | 7.2 |
| 4.7 ≤ E < 4.9 | 6.6 | 6.9 | 7.1 |
| E ≥ 4.9 | 6.5 | 6.8 | 7.0 |

Table B2-40 Loading Table for PWR Fuel – 1710 W/Assembly – CE 16x16 Fuel

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|-------------------------------------|--------------|--------------|--------------|--------------|--------------|
| | 45< B ≤46 | 46< B ≤47 | 47< B ≤48 | 48< B ≤49 | 49< B ≤50 | 50< B ≤51 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 4.0 | 4.0 | 4.0 | 4.0 | - | - |
| 2.9 ≤ E < 3.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.1 |
| 3.1 ≤ E < 3.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.1 |
| 3.3 ≤ E < 3.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.5 ≤ E < 3.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.7 ≤ E < 3.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 3.9 ≤ E < 4.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| E ≥ 4.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |

**Table B2-40 Loading Table for PWR Fuel – 1710 W/Assembly – CE 16x16 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|-------------------------------------|--------------|--------------|--------------|--------------|--------------|
| | 51< B ≤52 | 52< B ≤53 | 53< B ≤54 | 54< B ≤55 | 55< B ≤56 | 56< B ≤57 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 4.2 | 4.4 | 4.5 | - | - | - |
| 3.1 ≤ E < 3.3 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 |
| 3.3 ≤ E < 3.5 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 |
| 3.5 ≤ E < 3.7 | 4.0 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 |
| 3.7 ≤ E < 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 |
| 3.9 ≤ E < 4.1 | 4.0 | 4.1 | 4.2 | 4.3 | 4.3 | 4.4 |
| 4.1 ≤ E < 4.3 | 4.0 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 |
| 4.3 ≤ E < 4.5 | 4.0 | 4.0 | 4.1 | 4.2 | 4.2 | 4.3 |
| 4.5 ≤ E < 4.7 | 4.0 | 4.0 | 4.0 | 4.1 | 4.2 | 4.3 |
| 4.7 ≤ E < 4.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.1 | 4.2 |
| E ≥ 4.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.1 | 4.2 |

**Table B2-40 Loading Table for PWR Fuel – 1710 W/Assembly – CE 16x16 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | | |
|---|--|---------------|---------------|
| | 57 < B ≤58 | 58 < B ≤59 | 59 < B ≤60 |
| 1.3 ≤ E < 1.5 | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - |
| 3.1 ≤ E < 3.3 | 4.9 | 5.0 | - |
| 3.3 ≤ E < 3.5 | 4.8 | 4.9 | 5.0 |
| 3.5 ≤ E < 3.7 | 4.7 | 4.8 | 5.0 |
| 3.7 ≤ E < 3.9 | 4.6 | 4.8 | 4.9 |
| 3.9 ≤ E < 4.1 | 4.5 | 4.7 | 4.8 |
| 4.1 ≤ E < 4.3 | 4.5 | 4.6 | 4.7 |
| 4.3 ≤ E < 4.5 | 4.4 | 4.5 | 4.7 |
| 4.5 ≤ E < 4.7 | 4.4 | 4.5 | 4.6 |
| 4.7 ≤ E < 4.9 | 4.3 | 4.4 | 4.5 |
| E ≥ 4.9 | 4.3 | 4.4 | 4.5 |

Table B2-41 Loading Table for PWR Fuel – 788 W/Assembly – CE 16x16 Fuel

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|-------------------------------------|--------------|--------------|--------------|--------------|--------------|
| | 45< B ≤46 | 46< B ≤47 | 47< B ≤48 | 48< B ≤49 | 49< B ≤50 | 50< B ≤51 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | 10.2 | 11.0 | 11.8 | 12.7 | - | - |
| 2.9 ≤ E < 3.1 | 9.9 | 10.7 | 11.5 | 12.3 | 13.3 | 14.2 |
| 3.1 ≤ E < 3.3 | 9.8 | 10.5 | 11.2 | 12.0 | 12.9 | 13.9 |
| 3.3 ≤ E < 3.5 | 9.6 | 10.2 | 11.0 | 11.8 | 12.6 | 13.6 |
| 3.5 ≤ E < 3.7 | 9.4 | 10.0 | 10.8 | 11.6 | 12.4 | 13.3 |
| 3.7 ≤ E < 3.9 | 9.2 | 9.8 | 10.6 | 11.3 | 12.0 | 13.0 |
| 3.9 ≤ E < 4.1 | 9.1 | 9.7 | 10.4 | 11.1 | 11.9 | 12.8 |
| 4.1 ≤ E < 4.3 | 9.0 | 9.5 | 10.2 | 11.0 | 11.7 | 12.5 |
| 4.3 ≤ E < 4.5 | 8.9 | 9.4 | 10.0 | 10.8 | 11.5 | 12.3 |
| 4.5 ≤ E < 4.7 | 8.8 | 9.3 | 9.9 | 10.6 | 11.4 | 12.1 |
| 4.7 ≤ E < 4.9 | 8.7 | 9.2 | 9.8 | 10.5 | 11.2 | 12.0 |
| E ≥ 4.9 | 8.6 | 9.1 | 9.7 | 10.3 | 11.1 | 11.8 |

**Table B2-41 Loading Table for PWR Fuel – 788 W/Assembly – CE 16x16 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | | | | | |
|---|-------------------------------------|--------------|--------------|--------------|--------------|--------------|
| | 51< B ≤52 | 52< B ≤53 | 53< B ≤54 | 54< B ≤55 | 55< B ≤56 | 56< B ≤57 |
| 1.3 ≤ E < 1.5 | - | - | - | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - | - | - | - |
| 2.9 ≤ E < 3.1 | 15.2 | 16.3 | 17.4 | - | - | - |
| 3.1 ≤ E < 3.3 | 14.9 | 15.9 | 17.0 | 18.0 | 18.7 | 19.7 |
| 3.3 ≤ E < 3.5 | 14.6 | 15.6 | 16.6 | 17.7 | 18.2 | 19.3 |
| 3.5 ≤ E < 3.7 | 14.2 | 15.2 | 16.3 | 17.3 | 17.9 | 19.0 |
| 3.7 ≤ E < 3.9 | 13.9 | 14.9 | 15.9 | 17.0 | 17.5 | 18.6 |
| 3.9 ≤ E < 4.1 | 13.7 | 14.6 | 15.6 | 16.7 | 17.2 | 18.2 |
| 4.1 ≤ E < 4.3 | 13.4 | 14.3 | 15.4 | 16.4 | 16.9 | 18.0 |
| 4.3 ≤ E < 4.5 | 13.2 | 14.1 | 15.1 | 16.1 | 16.7 | 17.7 |
| 4.5 ≤ E < 4.7 | 13.0 | 13.9 | 14.9 | 15.8 | 16.4 | 17.4 |
| 4.7 ≤ E < 4.9 | 12.8 | 13.7 | 14.7 | 15.7 | 16.1 | 17.2 |
| E ≥ 4.9 | 12.7 | 13.5 | 14.5 | 15.4 | 16.0 | 17.0 |

**Table B2-41 Loading Table for PWR Fuel – 788 W/Assembly – CE 16x16 Fuel
(Continued)**

| Minimum Initial Assembly Avg. Enrichment wt % ²³⁵ U (E) | Assembly Average Burnup (B) GWd/MTU | | |
|---|--|---------------|---------------|
| | 57 < B ≤58 | 58 < B ≤59 | 59 < B ≤60 |
| 1.3 ≤ E < 1.5 | - | - | - |
| 1.5 ≤ E < 1.7 | - | - | - |
| 1.7 ≤ E < 1.9 | - | - | - |
| 1.9 ≤ E < 2.1 | - | - | - |
| 2.1 ≤ E < 2.3 | - | - | - |
| 2.3 ≤ E < 2.5 | - | - | - |
| 2.5 ≤ E < 2.7 | - | - | - |
| 2.7 ≤ E < 2.9 | - | - | - |
| 2.9 ≤ E < 3.1 | - | - | - |
| 3.1 ≤ E < 3.3 | 20.8 | 21.8 | - |
| 3.3 ≤ E < 3.5 | 20.4 | 21.4 | 22.5 |
| 3.5 ≤ E < 3.7 | 20.0 | 21.1 | 22.1 |
| 3.7 ≤ E < 3.9 | 19.7 | 20.7 | 21.7 |
| 3.9 ≤ E < 4.1 | 19.3 | 20.3 | 21.4 |
| 4.1 ≤ E < 4.3 | 19.0 | 20.0 | 21.1 |
| 4.3 ≤ E < 4.5 | 18.7 | 19.7 | 20.8 |
| 4.5 ≤ E < 4.7 | 18.4 | 19.5 | 20.5 |
| 4.7 ≤ E < 4.9 | 18.2 | 19.2 | 20.2 |
| E ≥ 4.9 | 17.9 | 19.0 | 20.0 |