

DESIGN FEATURESVOLUME

5.4.2 The total water and steam volume of the reactor coolant system is $10,614 \pm 460$ cubic feet at a nominal T_{avg} of 532°F .

5.5 METEOROLOGICAL TOWER LOCATION

5.5.1 The meteorological tower shall be located as shown on Figure 5.1-1.

5.6 FUEL STORAGECRITICALITY - SPENT FUEL

$10\frac{3}{32}'' \times 10\frac{3}{32}''$

5.6.1 The spent fuel storage racks are designed and shall be maintained with a minimum ~~12.5 x 13 inch~~ center-to-center distance between fuel assemblies placed in the storage racks to ensure a k_{eff} equivalent to < 0.95 with the storage pool filled with unborated water. The k_{eff} of < 0.95 includes the conservative allowances for uncertainties described in Section 9.7.2 of the FSAR. In addition, fuel in the storage pool shall have a U-235 loading of ≤ 44.0 grams of U-235 per axial centimeter of fuel assembly.

46.5

CRITICALITY - NEW FUEL

5.6.2 The new fuel storage racks are designed and shall be maintained with a nominal 18 inch center-to-center distance between new fuel assemblies such that K_{eff} will not exceed 0.98 when fuel having a maximum enrichment of 4.0 weight percent U-235 is in place and aqueous foam moderation is assumed. The K_{eff} of ≤ 0.98 includes the conservative allowance for uncertainties described in Section 9.7.2 of the FSAR.

DRAINAGE

5.6.3 The spent fuel storage pool is designed and shall be maintained to prevent inadvertent draining of the pool below elevation 63 feet.

CAPACITY

5.6.4 The fuel storage pool is designed and shall be maintained with a combined storage capacity, for both Units 1 and 2, limited to no more than ~~1056~~ fuel assemblies.

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5.7 COMPONENT CYCLIC OR TRANSIENT LIMITS

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5.7.1 The components identified in Table 5.7-1 are designed and shall be maintained within the cyclic or transient limits of Table 5.7-1.

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