

ATTACHMENT B

Proposed Technical Specification Change  
(Technical Specification 1.3)

9403230031 940315  
PDR ADOCK 05000309  
P PDR

Note: Changes to Technical Specification are identified with a bar in the left hand margin.

## 1.3 REACTOR

### Applicability

Applies to the reactor vessel, vessel core and internals, as well as the Reactor Coolant System and components, including associated Emergency Core Cooling Systems.

### Objectives

To define those design criteria essential in providing for safe system operation which are not covered in Sections 2 and 3.

### Specification

#### A. Reactor Core

The reactor core shall contain 217 fuel assemblies with each assembly containing 176 rods. Each fuel rod clad with Zircaloy-4 shall have a nominal active fuel length of 136 to 137 inches. The maximum as-fabricated radially-averaged enrichment of any axial enrichment zone within a fuel assembly shall be 3.95 weight percent U-235.

The core excess reactivity shall be controlled by a combination of boric acid chemical shim, integral fuel burnable absorbers, Control Element Assemblies (CEAs) and mechanically fixed non-fuel rods when required. The fixed non-fuel rods may be alumina-boron carbide, solid metal or open tubes.

There are a total of eighty-one (81) full-length, full-strength CEAs provided. Forty (40) of these are paired to form twenty (20) dual CEAs. Seventy-seven (77) CEAs, including all dual CEAs, are trippable. Four (4) of the CEAs are nontrippable.