

ATTACHMENT 2

PEACH BOTTOM ATOMIC POWER STATION  
UNIT 2

Docket No. 5-277

License No. DPR-44

REVISED TECHNICAL SPECIFICATION PAGES

List of Attached Pages

Unit 2

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## PBAPS

SAFETY LIMIT  
SETTING1.1 FUEL CLADDING INTEGRITY  
Applicability:

The Safety Limits established to preserve the fuel cladding integrity apply to those variables which monitor the fuel thermal behavior.

Objectives:

The objective of the Safety Limits is to establish limits which assure the integrity of the fuel cladding.

Specification:A. Reactor Pressure  $\geq$  800 psia  
and Core Flow  $\geq$  10% of  
Rated

The existence of a minimum critical power ratio (MCPR) less than 1.07 for two recirculation loop operation, or 1.08 for single loop operation, shall constitute violation of the fuel cladding integrity safety limit.

To ensure that this safety limit is not exceeded, neutron flux shall not be above the scram setting established in specification 2.1.A for longer than 1.15 seconds as indicated by the process computer. When the process computer is out of service this safety limit shall be assumed to be exceeded if the neutron flux exceeds its scram setting and a control rod scram does not occur.

LIMITING SAFETY SYSTEM2.1 FUEL CLADDING INTEGRITY  
Applicability:

The Limiting Safety System Settings apply to trip settings of the instruments and devices which are provided to prevent the fuel cladding integrity Safety Limits from being exceeded.

Objectives:

The objective of the Limiting Safety System Settings is to define the level of the process variables at which automatic protective action is initiated to prevent the fuel cladding integrity Safety Limits from being exceeded.

Specification:

The limiting safety system settings shall be as specified below:

A. Neutron Flux Scram1. APRM Flux Scram Trip  
Setting (Run Mode)

When the Mode Switch is in the RUN position, the APRM flux scram trip setting shall be:

$$S \leq 0.58W + 62\% - 0.58 \Delta W$$

where:

S = Setting in percent of rated thermal power (3293 MWt)

W = Loop recirculating flow rate in percent of design. W is 100 for core flow of 102.5 million lb/hr or greater.