



**Entergy Operations, Inc.**

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**Craig Anderson**

Vice President  
Operations ANO

August 15, 2000

2CAN080008

U. S. Nuclear Regulatory Commission  
Document Control Desk  
Mail Station OP1-17  
Washington, DC 20555

Subject: Arkansas Nuclear One - Unit 2  
Docket No. 50-368  
License No. NPF-6  
Additional Information Concerning the Definition of Core Alterations

Gentlemen:

By letters dated March 8, 2000 (2CAN030002), and June 13, 2000 (2CAN060006), Entergy Operations proposed a revision to the Arkansas Nuclear One, Unit 2 (ANO-2) Technical Specification definition 1.12 for a core alteration. Entergy Operations had previously proposed excluding coupling/uncoupling of control element assemblies (CEAs) from the definition of a core alteration. Based on subsequent conversations with the Staff, coupling/uncoupling of CEAs is currently considered a core alteration and will require further justification to be considered otherwise; therefore, Entergy Operations is removing the CEA coupling/uncoupling exclusion from the proposed technical specification definition. Please find attached the revised page for ANO-2 Technical Specification 1.12 along with a markup page for information only. This revision to the proposed definition does not affect the no significant hazards consideration previously provided to the NRC.

In order to support the upcoming 2R14 refueling outage, Entergy Operations requests the effective date for this change to be September 15, 2000. Should you have any further questions, please contact me.

A001

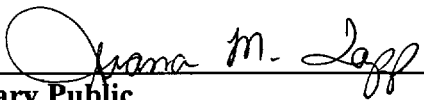
Very truly yours,

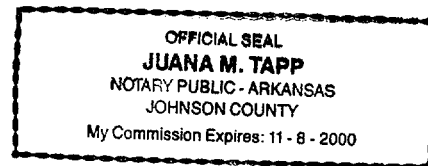


CGA/nbm

To the best of my knowledge and belief, the statements contained in this submittal are true.

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for Johnson  
County and the State of Arkansas, this 15 day of August, 2000.

  
\_\_\_\_\_  
Notary Public  
My Commission Expires 11-8-2000



cc: Mr. Ellis W. Merschhoff  
Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011-8064

NRC Senior Resident Inspector  
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Mr. Thomas W. Alexion  
NRR Project Manager Region IV/ANO-2  
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NRR Mail Stop 04-D-03  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852

## DEFINITIONS

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### CHANNEL FUNCTIONAL TEST

1.11 A CHANNEL FUNCTIONAL TEST shall be:

- a. Analog channels - The injection of a simulated signal into the channel as close to the sensor as practicable to verify OPERABILITY including alarm and/or trip functions.
- b. Bistable channels - The injection of a simulated signal into the sensor to verify OPERABILITY including alarm and/or trip functions.
- c. Digital computer channels - The exercising of the digital computer hardware using diagnostic programs and the injection of simulated process data into the channel to verify OPERABILITY.

### CORE ALTERATION

1.12 CORE ALTERATION shall be the movement or manipulation of any fuel, sources, or reactivity control components within the reactor vessel with the vessel head removed and fuel in the vessel. Suspension of CORE ALTERATION shall not preclude completion of movement of a component to a safe conservative position.

### SHUTDOWN MARGIN

1.13 SHUTDOWN MARGIN shall be the instantaneous amount of reactivity by which the reactor is subcritical or would be subcritical from its present condition assuming all control element assemblies are fully inserted except for the single assembly of highest reactivity worth which is assumed to be fully withdrawn.

### IDENTIFIED LEAKAGE

1.14 IDENTIFIED LEAKAGE shall be:

- a. Leakage (except CONTROLLED LEAKAGE) into closed systems, such as pump seal or valve packing leaks that are captured, and conducted to a sump or collecting tank, or
- b. Leakage into the containment atmosphere from sources that are both specifically located and known either not to interfere with the operation of leakage detection systems or not to be PRESSURE BOUNDARY LEAKAGE, or
- c. Reactor coolant system leakage through a steam generator to the secondary system.

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### CORE ALTERATION

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