

October 27, 1995

Mr. Jerry W. Yelverton  
Vice President, Operations ANO  
Entergy Operations, Inc.  
1448 S.R. 333  
Russellville, AR 72801

SUBJECT: CORRECTION TO AMENDMENT NO. 170 TO FACILITY OPERATING LICENSE  
NO. NPF-6 - ARKANSAS NUCLEAR ONE, UNIT NO. 2 (TAC NO. M92147)

Dear Mr. Yelverton:

On October 18, 1995, the Commission issued Amendment No. 170 to Facility Operating License No. NPF-6 for the Arkansas Nuclear One, Unit No. 2. The amendment revised the Technical Specifications (TS) to delete requirements associated with surveillance to verify position stops for High Pressure Safety Injection Emergency Core Cooling System throttle valves in response to your application dated March 17, 1995.

After issuance, it was discovered that the amendment number had not clearly printed on the revised TS page. Enclosed is the corrected TS page and the overleaf TS page for Amendment No. 170 which is being reissued.

We regret any inconvenience this may have caused you.

Sincerely,

Original Signed By:

George Kalman, Senior Project Manager  
Project Directorate IV-1  
Division of Reactor Projects III/IV  
Office of Nuclear Reactor Regulation

Docket No. 50-368

Enclosure: Corrected TS page

cc w/encl: See next page

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

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Vice President, Operations ANO  
Energy Operations, Inc.  
1448 S.R. 333  
Russellville, AR 72801

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Sincerely,

A handwritten signature in cursive script that reads "George Kalman".

George Kalman, Senior Project Manager  
Project Directorate IV-1  
Division of Reactor Projects III/IV  
Office of Nuclear Reactor Regulation

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cc w/encl: See next page

Mr. Jerry W. Yelverton  
Entergy Operations, Inc.

Arkansas Nuclear One, Unit 2

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County Judge of Pope County  
Pope County Courthouse  
Russellville, AR 72801

EMERGENCY CORE COOLING SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

- f. By verifying that each of the following pumps develops the indicated differential pressure on recirculation flow when tested pursuant to Specification 4.0.5:
1. High-Pressure Safety Injection pump  $\geq$  1360.4 psid with 90°F water.
  2. Low-Pressure Safety Injection pump  $\geq$  156.25 psid with 90°F water.
- g. At least once per 18 months by verifying the correct position of each electrical and/or mechanical position stop for the following ECCS throttle valves:

LPSI System  
Valve Number

- a. 2CV-5037-1
- b. 2CV-5017-1
- c. 2CV-5077-2
- d. 2CV-5057-2

- h. By performing a flow balance test, during shutdown, following completion of modifications to the ECCS subsystem that alter the subsystem flow characteristics and verifying the following flow rates:

HPSI System - Single Pump

The sum of the injection line flow rates, excluding the highest flow rate is greater than or equal to 570 gpm.

LPSI System - Single Pump

- a. Injection Leg 1,  $\geq$  1059 gpm
- b. Injection Leg 2,  $\geq$  1059 gpm
- c. Injection Leg 3,  $\geq$  1059 gpm
- d. Injection Leg 4,  $\geq$  1059 gpm

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## EMERGENCY CORE COOLING SYSTEMS

ECCS SUBSYSTEMS -  $T_{avg} < 300^{\circ}\text{F}$

### LIMITING CONDITION FOR OPERATION:

3.5.3 As a minimum, one ECCS subsystem comprised of the following shall be OPERABLE:

- a. One OPERABLE high-pressure safety injection pump, and
- b. An OPERABLE flow path capable of taking suction from the refueling water tank on a Safety Injection Actuation Signal and automatically transferring suction to the containment sump on a Recirculation Actuation Signal.

APPLICABILITY: MODES 3\* and 4.

### ACTION:

- a. With no ECCS subsystem OPERABLE, restore at least one ECCS subsystem to OPERABLE status within 1 hour or be in COLD SHUTDOWN within the next 20 hours.
- b. In the event the ECCS is actuated and injects water into the Reactor Coolant System, a Special Report shall be prepared and submitted to the Commission pursuant to Specification 6.9.2 within 90 days describing the circumstances of the actuation and the total accumulated actuation cycles to date.

### SURVEILLANCE REQUIREMENTS

4.5.3 The ECCS subsystem shall be demonstrated OPERABLE per the applicable Surveillance Requirements of 4.5.2.

\*With pressurizer pressure  $< 1700$  psia.