Mr. C. Randy Hutchinson
Vice President, Operations ANO
Entergy Operations, Inc.
1448 S. R. 333
Russellville, AR 72801

May 6, 1997

SUBJECT: ARKANSAS NUCLEAR ONE, UNIT NO. 2 - CORRECTION TO AMENDMENT NO. 181 RE: SPECIFIC VALUE FOR THE TOTAL REACTOR COOLANT SYSTEM VOLUME FROM THE DESIGN FEATURES SECTION OF THE TECHNICAL SPECIFICATIONS

Dear Mr. Hutchinson:

On April 16, 1997, the Commission issued Amendment No. 181 to Facility Operating License No. NPF-6 for the Arkansas Nuclear One, Unit No. 2 (ANO-2). This amendment consists of changes to the Technical Specifications (TSs) in response to your application dated December 9, 1996.

Amendment No. 181 included changes to TS page 5-5. Amendment No. 178, issued on January 14, 1997, also included changes to TS page 5-5. Due to the near simultaneous processing of the amendments, the Amendment No. 178 changes to TS page 5-5 were not included in Amendment No. 181.

Copies of the corrected TS page 5-5 are enclosed.

We regret any inconvenience this oversight may have caused. If you have any questions on this action, please call me at 301/415-1308.

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 5-5

cc w/encls: See next page

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

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cc:

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5.5 METEOROLOGICAL TOWER LOCATION

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

5.6 FUEL STORAGE

CRITICALITY - SPENT FUEL

5.6.1.1 The spent fuel racks are designed and shall be maintained so that the calculated effective multiplication factor is no greater than 0.95 (including all known uncertainties) when the pool is flooded with unborated water.

CRITICALITY - NEW FUEL

5.6.1.2 The new fuel storage racks are designed and shall be maintained with a nominal 26.0 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 5.0 weight percent U-235 is in place and aqueous foam moderation is assumed and K_{eff} will not exceed 0.95 (including a conservative allowance for uncertainties) when the storage area is flooded with unborated water.

DRAINAGE

5.6.2 The spent fuel storage pool is designed and shall be maintained to prevent inadvertent draining of the pool below elevation 399' 10½".

CAPACITY

5.6.3 The spent fuel storage pool is designed and shall be maintained with a storage capacity limited to no more than 988 fuel assemblies.

5.7 COMPONENT CYCLIC OR TRANSIENT LIMITS

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.

TABLE 5.7-1

COMPONENT CYCLIC OR TRANSIENT LIMITS

COMPONENT	CYCLIC OR TRANSIENT LIMIT	DESIGN CYCLE OR TRANSIENT
Reactor Coolant System	500 system heatup and cooldown cycles at rates $\leq$ 100°F/hr.	Heatup cycle - T_{avg} from $\leq$ 200°F to $\geq$ 545°F; cooldown cycle - T_{avg} from $\geq$ 545°F to $\leq$ 200°F.
	500 pressurizer heatup and cooldown cycles at rates $\leq$ 200°F/hr.	Heatup cycle - Pressurizer temperature from $\leq$ 200°F to $\geq$ 653°F; cooldown cycle - Pressurizer temperature from $\geq$ 653°F to $\leq$ 200°F.
	10 hydrostatic testing cycles.	RCS pressurized to 3110 psig with RCS temperature $\geq$ 60°F above the most limiting components' NDTT value.
	200 leak testing cycles.	RCS pressured to 2250 psia with RCS temperature greater than minimum for hydrostatic testing, but less than minimum RCS temperature for criticality.
	400 reactor trip cycles.	Trip from 100% of RATED THERMAL POWER.
	40 turbine trip cycles with delayed reactor trip.	Turbine trip (total load rejection) from 100% of RATED THERMAL POWER followed by resulting reactor trip.
	200 seismic stress cycles.	Subjection to a seismic event equal to one half the design basis earthquake (DBE).