

January 18, 2002

Mr. Craig G. Anderson
Vice President, Operations ANO
Entergy Operations, Inc.
1448 S. R. 333
Russellville, AR 72801

SUBJECT: ARKANSAS NUCLEAR ONE, UNIT 2 (ANO-2) - DRAFT SAFETY EVALUATION
REGARDING THE PROPOSED EXTENDED POWER UPRATE (TAC MB0789)

Dear Mr. Anderson:

By letter dated December 19, 2000, Entergy Operations, Inc. requested an amendment to Facility Operating License No. NPF-6 for ANO-2. The original application was supplemented by letters dated May 30, June 20, 26 (two letters), and 28, July 3 and 24 (two letters), August 7, 13, 21, 23, and 30, September 14, October 1, 12 (two letters), 17, 30 (two letters), and 31, November 9, 16 (three letters), and 17, and December 5, 6 (two letters), 10, and 20, 2001, and January 14 and 15, 2002. The proposed amendment would allow an increase in the maximum authorized reactor core power level from 2815 megawatts thermal (MWt) to 3026 MWt, which represents a power increase of about 7.5 percent and is considered to be an extended power uprate. The proposed amendment would change the operating license and certain technical specifications (TSs) to provide for implementing uprated power operation. Also, operation at the uprated power requested by the proposed amendment would result in increases in dose consequences for certain postulated accidents considered in the accident analyses in the Safety Analysis Report; however, the doses would remain within the regulatory limits. In addition, although unrelated to the proposed power uprate, the proposed amendment would clarify portions of the control element assembly TSs.

Enclosed is a draft safety evaluation (SE) that the Nuclear Regulatory Commission staff has prepared to support the amendment request. A copy of this draft SE was also sent to the Advisory Committee on Reactor Safeguards (ACRS) in preparation for its February 13, 2002, subcommittee meeting that is being held to discuss the application. The presentation to the ACRS Full Committee is scheduled for March 7, 2002.

The enclosed draft SE is being withheld from public disclosure at this time because it may contain proprietary information.

We are providing this draft SE to you for the purpose of identifying if it contains any proprietary information pursuant to 10 CFR 2.790. Please provide any comments that you may have on the enclosed draft SE with regard to inclusion of proprietary information or factual accuracy by February 8, 2002. This target date for your response has been discussed with Dennis Boyd of your staff. Should a situation occur which prevents you from meeting the date, please contact Tom Alexion of my staff at (301) 415-1326.

Sincerely,

/RA/

Thomas W. Alexion, Project Manager, Section 1
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-368

Enclosure: Draft SE

cc w/o encl: See next page

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Arkansas Nuclear One

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