

April 17, 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), 27, 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, 15, and 31, February 7 (two letters), and March 1, 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. 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 by April 24, 2002. This target date for your response has been discussed with Dave Bice of your staff. Should a situation occur which prevents you from meeting the date, please contact me.

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

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 by April 24, 2002. This target date for your response has been discussed with Dave Bice of your staff. Should a situation occur which prevents you from meeting the date, please contact me.

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

DISTRIBUTION: (w/o enclosure)
PUBLIC (w/o encl.)
PDIV-1 r/f
JZwolinski/TMarsh
SRichards
RidsOgcRp
RidsAcrcAcnwMailCenter
RidsNrrDlpmLpdiv1 (RGramm)
RidsNrrPMTAlexion
RidsNrrLADJohnson
RidsRgn4MailCenter (K. Brockman)

Accession Nos.:

Letter: ML021070605

NRR-106

Draft SE: ML021080108

NRR-043

Package: ML021080140

OFFICE	PDIV-1/PM	PDIV-1/LA	PDIV-1/SC
NAME	TAlexion:sp	DJohnson	WDReckley for RGramm
DATE	04/17/02	4/17/02	4/17/02

C:\ORPCheckout\FileNET\ML021070605.wpd

OFFICIAL RECORD COPY

Arkansas Nuclear One

cc:

Executive Vice President
& Chief Operating Officer
Entergy Operations, Inc.
P. O. Box 31995
Jackson, MS 39286-1995

Director, Division of Radiation
Control and Emergency Management
Arkansas Department of Health
4815 West Markham Street, Slot 30
Little Rock, AR 72205-3867

Winston & Strawn
1400 L Street, N.W.
Washington, DC 20005-3502

Mike Schoppman
Framatome ANP, Richland, Inc.
Suite 705
1911 North Fort Myer Drive
Rosslyn, VA 22209

Senior Resident Inspector
U.S. Nuclear Regulatory Commission
P. O. Box 310
London, AR 72847

Regional Administrator, Region IV
U.S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064

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

Vice President, Operations Support
Entergy Operations, Inc.
P. O. Box 31995
Jackson, MS 39286-1995

Wise, Carter, Child & Caraway
P. O. Box 651
Jackson, MS 39205