

June 17, 2004

Mr. Jeffrey S. Forbes
Site Vice President
Arkansas Nuclear One
Entergy Operations, Inc.
1448 S. R. 333
Russellville, AR 72801

SUBJECT: ARKANSAS NUCLEAR ONE, UNIT 1 (ANO-1) RE: FINAL ACCIDENT
SEQUENCE PRECURSOR ANALYSIS OF AUGUST 2001 OPERATIONAL
CONDITION

Dear Mr. Forbes:

Enclosed for your information is the final Accident Sequence Precursor (ASP) analysis of an adverse condition which was identified at ANO-1 in August 2001. The condition involved inadequate fire protection and procedures for the north switchgear room, fire zone 99M, and is described in Nuclear Regulatory Commission (NRC) Inspection Report 50-313/01-06; 50-368/01-06 dated August 20, 2001, and in the final significance determination for this inspection report, Enforcement Action 03-016 dated April 7, 2004. This condition was determined to be of low to moderate safety significance (White) in accordance with the Significance Determination Process (SDP). The results of the final ASP analysis indicate that this condition is an accident precursor (i.e., a condition which results in a change in conditional core damage probability (CCDP) $> 1E-6$).

For the August 2001 condition, the findings in the ASP analysis (change in CCDP and dominant risk contributors) are consistent with those in the SDP. Since this ASP analysis confirms the results of the final significance determination, which has been reviewed by the NRC staff and Entergy Operations, Inc., it is being issued as a final product for information only. In the past, preliminary versions of all ASP analyses were issued for internal peer review by the NRC staff and for external peer review by the licensee. Comments received from these reviews were then resolved as part of the final analysis. To increase efficiency, we are now issuing the "noncontroversial" ASP analyses as final documents.

The NRC staff is continuing to review the appropriate classification of these documents within our records management program, considering changes in our practices following the events of September 11, 2001. Pending a final determination, the enclosed analyses have been marked as sensitive information. Therefore, the staff has not made it publicly available. Please control the document accordingly. We will inform you if the classification of the document changes as a result of our ongoing assessments. If you believe that your response to this letter includes potentially sensitive information, please discuss the matter with me prior to submitting the information.

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If you have any questions regarding the analysis, please contact me 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. 50-313

Enclosure: As stated (Sensitive - Not for Public Disclosure)

cc w/o encl: See next page

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cc w/o encl: See next page

DISTRIBUTION:

PUBLIC (w/o encl)

PDIV-1 Reading

RidsOgcRp

RidsAcrsAcnwMail Center

RidsNrrDlpmLpdiv1 (RGramm)

RidsNrrPMTAlexion

RidsNrrLADBaxley

RidsNrrLADJohnson

SRosenberg

RidsRgn4MailCenter (AHowell)

AGrady

Accession No.:ML

*memo requesting transmittal of ASP to licensee

OFFICE	PDIV-1/PM	PDIV-1/LA	RES/DRRA/D	PDIV-1/SC
NAME	TAlexion	DBaxley	CAder*	RGramm
DATE	6/15/04	6/7/04	05/10/04	6/15/04

OFFICIAL RECORD COPY

Arkansas Nuclear One

cc w/o encl:

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