

December 6, 1995

2CAN129501

U. S. Nuclear Regulatory Commission
Document Control Desk
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Washington, DC 20555

Subject: Arkansas Nuclear One - 2
Docket No. 50-368
License No. NPF-6
ANO-2 Simulator Performance Testing Report

Gentlemen:

Entergy Operations submits the enclosed performance testing report in accordance with 10CFR55.45(b)(5)(ii) and (vi).

Discrepancies identified during the initial simulator performance test have been corrected in accordance with the Simulator Modification Control Guideline included in Section 1 of the attached report.

At the time of the initial simulator performance test, three exceptions were taken to ANSI/ANS 3.5-1985. Exceptions 1 and 3, have not changed since the previous letter (2CAN129104, dated December 6, 1991). Exception 2 was revised by the installation of a new Instructors' Station. This exception is explained in detail in section 2 of this submittal.

Plant modifications which have been installed in the past four years and were determined to affect the simulator's appearance and fidelity have been incorporated in accordance with the Simulator Modification Control Guideline. As of this date, there are no outstanding plant modifications to be incorporated. A listing of plant modifications which have been incorporated into the Unit 2 plant reference simulator during this reporting period is provided in Section 3 of the attached report.

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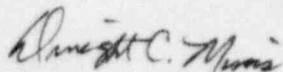
Simulator operability tests have continued on an annual basis and meet the requirements of ANSI/ANS 3.5-1985. The testing was conducted in the following manner:

- Real-time Test (Annually)
- Normal Operations Test (25% per year)
- Steady State Operations (Annually)
- Surveillance Test (25% per year)
- Transient Test (Annually)
- Malfunction Test (25% per year)

New malfunctions which were incorporated into the simulator during the past four years have been included in our simulator operability testing. The upcoming four year operability test follows the format utilized during the past four year period and has been included in Section 4 of the attached report for your information.

Should you require further information, please contact me at (501) 858-4601.

Very truly yours,



Dwight C. Mims
Director, Nuclear Safety

DCM/kjm

cc: Mr. Leonard J. Callan
Regional Administrator
U. S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064

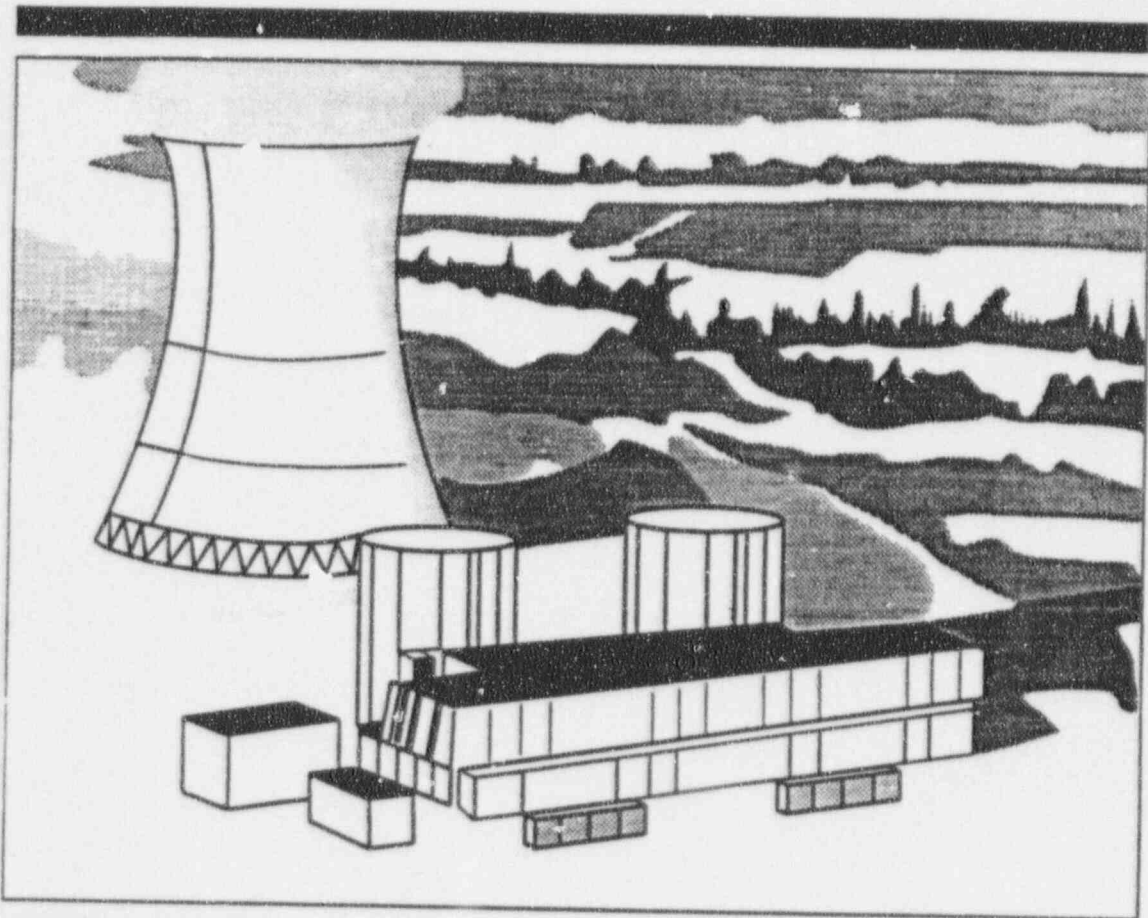
NRC Senior Resident Inspector
Arkansas Nuclear One
P.O. Box 310
London, AR 72847

Mr. George Kulman
NRR Project Manager Region IV/ANO-1 & 2
U. S. Nuclear Regulatory Commission
NRR Mail Stop 13-H-3
One White Flint North
11555 Rockville Pike
Rockville, MD 20852



ENTERGY

ARKANSAS NUCLEAR ONE



**UNIT 2 SIMULATOR
PERFORMANCE TESTING
REPORT**

OCTOBER 31, 1995