

50-313



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

October 9, 1998

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

SUBJECT: ARKANSAS NUCLEAR ONE, UNIT 1 - INSERVICE TESTING PROGRAM
THIRD TEN-YEAR INTERVAL FOR PUMPS AND VALVES (TAC NO. MA0275)

Dear Mr. Hutchinson:

The NRC staff, with technical assistance from Brookhaven National Laboratory (BNL), has reviewed the information concerning the inservice testing (IST) program requests for relief submitted for the third ten-year interval for Arkansas Nuclear One, Unit 1 (ANO-1), in a Entergy Operations, Inc., (EOI) letter dated December 1, 1997. The ANO-1 IST program is based on the requirements in the 1989 Edition of ASME Section XI, which references ASME Operations and Maintenance (OM) Standard, Part 6 (for pumps) and Part 10 (for valves). The relief requests were reviewed against the requirements of Parts 6 and 10 of the OMa-1988 Addenda to the 1987 Edition.

The staff has completed its review, and its evaluation and recommendations for granting relief or authorizing alternatives are provided in the attached safety evaluation (SE). A tabular summary of the NRC's approvals and denials are provided in Attachment 1 to the attached SE. The IST program relief requests which are granted or authorized are acceptable for implementation provided the action items identified in Section 6.0 of the BNL technical evaluation report (Attachment 2 to the attached SE) are addressed within one year of the date of the SE or by the end of the next refueling outage, whichever is later, unless another period is specified. The granting of relief is based upon the fulfillment of any commitments made by EOI in the basis for each relief request and the alternatives proposed. Where interim relief has been granted, EOI should resolve the issues before expiration of the interim period. Please respond to the NRC within one year of the date of this SE describing actions taken, actions in progress, or actions to be taken, to address each of these items.

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The staff concludes that the relief requests approved herein will provide reasonable assurance of the operational readiness of the pumps and valves to perform their safety-related functions. The staff has determined that granting relief pursuant to 10 CFR 50.55a (f)(6)(i) and authorizing alternatives pursuant to 10 CFR 50.55a (a)(3)(i) or (a)(3)(ii) are authorized by law and will not endanger life or property, or the common defense and security, and is otherwise in the public interest. In making this determination, the staff has considered the impracticality of performing the required testing and the burden on the licensee if the requirements were imposed. The reliefs which have been granted and alternatives which have been authorized in this SE are valid for the remainder of the ANO-1 third ten-year IST program interval.

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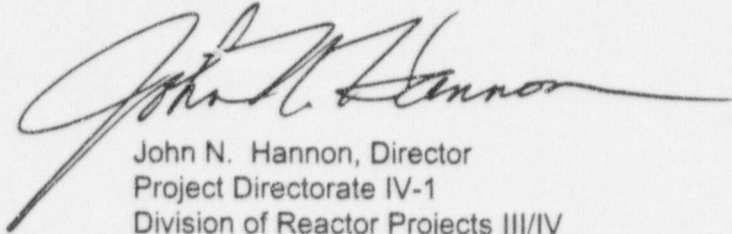
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Mr. C. Randy Hutchinson

- 2 -

This completes the staff's actions on TAC No. MA0275. If you have any questions regarding this matter, please contact William Reckley at (301) 415-1314.

Sincerely,

A handwritten signature in black ink, appearing to read "John N. Hannon". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

John N. Hannon, Director
Project Directorate IV-1
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

Docket No. 50-313

Enclosure: Safety Evaluation

cc w/encl: See next page

Mr. C. Randy Hutchinson

- 2 -

This completes the staff's actions on TAC No. MA0275. If you have any questions regarding this matter, please contact William Reckley at (301) 415-1314.

Sincerely,

ORIGINAL SIGNED BY:

John N. Hannon, Director
Project Directorate IV-1
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

Docket No. 50-313

Enclosure: Safety Evaluation

cc w/encl: See next page

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T. Harris (TLH3)			

Document Name:AR1A0275.LTR

OFC	PM/PD4-1	LA/PD4-1	EMEB	OGC	D/PD4-1
NAME	WReckley <i>WR</i>	CHawes <i>CH</i>	Provided SE Via 7/2/98 Memo (Terao to Hannon)	<i>GB</i> RBachmann	JHannon <i>JH</i>
DATE	9/23/98	8/27/98	7/2/98	9/13/98	10/9/98
COPY	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO

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Mr. C. Randy Hutchinson
Entergy Operations, Inc.

Arkansas Nuclear One, Unit 1

cc:

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