

August 7, 1990

Docket Nos. 50-313
and 50-368

Entergy Operations, Inc.
ATTN: Mr. Neil S. Carns
Vice President, Operations
Arkansas Nuclear One
Post Office Box 551
Little Rock, Arkansas 72203

Dear Mr. Carns:

SUBJECT: SAFETY EVALUATION OF ADEQUACY OF FIRE BARRIER PENETRATION SEAL PROGRAM (TAC Nos. 61195 and 61196)

During the Appendix R inspection of Arkansas Nuclear One, (ANO) Units 1 and 2, during the period May 4-8, and June 8-12, 1987 (Inspection Report 87-14), the staff raised concerns regarding the qualification of fire barrier penetration seals installed throughout the plants. Following exchanges of correspondence between ANO and the NRR staff, it was decided in concert with our contractor Science Applications International Corporation (SAIC), that a site visit would be required to resolve this issue. A site visit was made in October 1989 at which time ANO was asked to document a complete description of the entire penetration seal program. That documented description was submitted to NRC on February 1, 1990.

Based on the staff's evaluation of the ANO submittals and the subsequent site audit, the staff has concluded that the licensee's fire penetration seal program is adequate, as documented in the enclosed Safety Evaluation (SE).

The SE also documents your commitment to complete the 100% review of all Technical Specification fire penetration seals by December 31, 1991. This completes our review of the TAC Numbers listed above.

Sincerely,

Original signed by:

Original signed by:

Thomas W. Alexion, Project Manager
Project Directorate IV-1
Division of Reactor Projects III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Chester Poslusny, Jr., Project Manager
Project Directorate IV-1
Division of Reactor Projects III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Enclosure:

As stated
cc: w/enclosure
See next page
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Docket File	PD4-1 Reading	L. Berry	PD4-1 Plant File
NRC PDR	B. Boger MS 13E4	T. Alexion	Region IV P. Harrell
Local PDR	T. Quay	C. Poslusny	
OGC-Rockville	E. Jordan MS MNBB 3701	ACRS (10) MS P-315	

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PDR ADDCK 05000313 PDC

OFC	:PD4-1/LA	:PD4-1/PE	:PD4-1/PM	:PD4-1/PM	:PD4-1/PD(A)
NAME	:LBerry <i>LJB</i>	:LTran <i>LT</i>	:T Alexion <i>T Alexion</i>	:C Poslusny <i>C Poslusny</i>	:T Quay <i>T Quay</i>
DATE	:08/3/90	:08/3/90	:08/3/90	:08/3/90	:08/7/90



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

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Thomas W. Alexion, Project Manager
Project Directorate IV-1/
Division of Reactor Projects III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

for Chester Poslusny, Jr., Project Manager
Project Directorate IV-1
Division of Reactor Projects III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc: w/enclosure
See next page

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Arkansas Nuclear One, Units 1 & 2

cc:

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