



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

February 12, 1991

Docket No. 50-313
and 50-368

Mr. Neil S. Carns
Vice President, Operations AND
Entergy Operations, Inc.
Route 3 Box 137G
Russellville, Arkansas 72801

Dear Mr. Carns:

SUBJECT: RESPONSE TO GENERIC LETTER 89-10, "SAFETY-RELATED MOTOR OPERATED VALVE (MOV) TESTING AND SURVEILLANCE" FOR ARKANSAS NUCLEAR ONE, UNITS 1 AND 2 (TAC NOS. 75626 AND 75627)

On June 28, 1989, the NRC issued Generic Letter (GL) 89-10 requesting the establishment of a program to ensure the operability of all safety-related MOVs under design basis conditions. Your response to GL 89-10, dated December 28, 1989, committed to the recommendations in the GL except for specifics on conducting MOV differential pressure testing and completion schedule. The staff, by letter dated May 30, 1990, stated that the schedule recommended in the GL was based on the knowledge that a large number of MOVs would be included in the program, and that an alternative approach may be followed where MOVs cannot be tested in situ under design basis conditions.

By letter dated January 16, 1991, you provided a supplemental response which notifies the staff that your program is available for review, restates your commitment to have an effective MOV program, and clarifies exceptions to the recommended actions. Your letter discusses a program which utilizes a combined approach of limited full flow/pressure testing, testing under less than design conditions with extrapolated results, and similarity application of in-plant and industry test data, to verify valve operability. Your letter also states that this approach is expected to verify valve operability within the three refueling outage, five year time frame recommended by the GL.

The staff recommends that you conduct design-basis testing of MOVs in situ, where practicable, in order to establish a more sound database for your planned approach. The staff agrees with you that alternatives to design basis testing in situ will need to be found for cases where such testing is not practicable. As part of your program, the staff requests that you identify those MOVs for which testing in situ under design basis conditions is practicable, but an alternative to such testing for demonstrating MOV capability is employed. With respect to extrapolation of test results and similarity application of in-plant and industry test data, the staff will review the specific justifications for the use of these data during inspections of your program.

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February 12, 1991

Accordingly, the staff concludes that your responses appear to address the issues in GL 89-10 and you have committed to a schedule consistent with that recommended in GL 89-10, and we are closing the subject TACs. Further NRC review will be by future inspections.

Sincerely,

Original Signed By:

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

Original Signed By:

Sheri R. Peterson, Project Manager
Project Directorate IV-1
Division of Reactor Projects III, IV, and V
Office of Nuclear Reactor Regulation

cc: See next page

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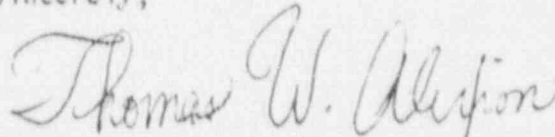
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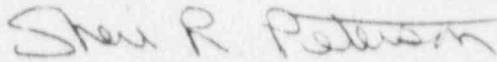
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Accordingly, the staff concludes that your responses appear to address the issues in GL 89-10 and you have committed to a schedule consistent with that recommended in GL 89-10, and we are closing the subject TACs. Further NRC review will be by future inspections.

Sincerely,



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



Sheri R. Peterson, Project Manager
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