

November 29, 2000

Mr. Craig G. Anderson
Vice President, Operations ANO
Entergy Operations, Inc.
1448 S. R. 333
Russellville, AR 72801

SUBJECT: ARKANSAS NUCLEAR ONE, UNITS 1 AND 2 - CLOSEOUT OF GENERIC LETTER 98-02, "LOSS OF REACTOR COOLANT INVENTORY AND ASSOCIATED POTENTIAL FOR LOSS OF EMERGENCY MITIGATION FUNCTIONS WHILE IN A SHUTDOWN CONDITION" (TAC NO. MA4771)

Dear Mr. Anderson:

On May 28, 1998, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 98-02 to all holders of operating licenses for Pressurized Water Reactors (PWR), except those who have permanently ceased operations and have certified that fuel has been permanently removed from the reactor vessel. The NRC issued GL 98-02 to request that PWR licensees evaluate a September 17, 1994, event that occurred at Wolf Creek, which had the potential to draindown the reactor coolant system to the refueling water storage tank and, at the same time, render the emergency core cooling system (ECCS) and residual heat removal (RHR) system inoperable by introducing a steam/water mixture to the suction side of the ECCS and RHR pumps. Addressees of GL 98-02 were requested to perform the following within 180 days: (1) an assessment of whether the addressee's facility is vulnerable to the September 17, 1994, Wolf Creek event; and if the facility is found to be vulnerable, (2) prepare a description of the plant-specific 10 CFR Part 50, Appendix B, quality assurance program features which will prevent the Wolf Creek event. If the addressee's facility was determined to be vulnerable, a response to information item (1) was to be provided pursuant to 10 CFR 50.54(f) and 10 CFR 50.4, and the responses to information items (1) and (2) were to be kept in a licensee's retrievable system for use by the NRC staff on an as-needed basis.

In response to GL 98-02, your staff provided a verbal statement to the NRC project manager indicating that Arkansas Nuclear One, Units 1 and 2 (ANO-1 and ANO-2), were not vulnerable to the type of incident which occurred at Wolf Creek and that the assessments performed for ANO-1 and ANO-2 (there were separate assessments for each unit, since they are of different design) were being kept in a retrievable licensee system that the NRC could verify on an as-needed or sample basis, in accordance with GL 98-02.

By letter dated October 28, 1999, Region IV NRC staff issued NRC Inspection Report 50-313/99-14; 50-368/99-14. The subject inspection report contained details of the NRC staff's on-site verification of activities which you undertook in response to GL 98-02 for ANO-1 and ANO-2. Specifically, the inspector verified that assessments of the inadvertent draindown event described in the generic letter had been made, that the assessments were on file, and that the determinations of the assessments were that plant systems of the type discussed in GL 98-02 were not vulnerable to the Wolf Creek event. The assessments were also found by the inspector to be reasonable.

Mr. Craig G. Anderson

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In view of the above, the NRC staff has concluded that your on-site activities adequately addressed the concerns of GL 98-02 for ANO-1 and ANO-2; therefore, we consider GL 98-02 to be closed for ANO-1 and ANO-2.

Sincerely,

/RA/

Thomas W. Alexion, Project Manager
Project Directorate IV & Decommissioning
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-313 and 368

cc: See next page

In view of the above, the NRC staff has concluded that your on-site activities adequately addressed the concerns of GL 98-02 for ANO-1 and ANO-2; therefore, we consider GL 98-02 to be closed for ANO-1 and ANO-2.

Sincerely,

/RA/

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