

February 14, 2002

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

SUBJECT: CLOSEOUT OF BULLETIN 2001-01 REVIEW FOR ARKANSAS NUCLEAR
ONE, UNIT 1 (ANO-1) (TAC MB2608)

Dear Mr. Anderson:

On August 3, 2001, the staff issued Bulletin 2001-01, "Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles," to the industry requesting that addressees provide information related to the structural integrity of the reactor pressure vessel head penetration (VHP) nozzles for their respective facilities, including the extent of VHP nozzle leakage and cracking that has been found to date, the inspections and repairs that have been undertaken to satisfy applicable regulatory requirements, and the basis for concluding that their plans for future inspections will ensure compliance with applicable regulatory requirements at their respective pressurized water reactor (PWR) plants. You were requested to respond to Items 1 and 2 of Bulletin 2001-01 within 30 days of its issuance.

You provided your Bulletin 2001-01 response by letter dated September 4, 2001, indicating that your plant is classified as having previously identified primary water stress corrosion cracking (PWSCC) in the VHP nozzles. The staff finds that you have provided the requested information. Your Bulletin 2001-01 response stated that you plan to perform a qualified visual examination of 100 percent of the VHP nozzles at your next refueling outage, consistent with the description for such an examination provided in Bulletin 2001-01. Although the proposed inspection method and schedule described in your Bulletin 2001-01 response are not consistent with the discussion in Bulletin 2001-01 for plants which have identified PWSCC in their VHP nozzles, the staff has concluded that the most recent qualified visual examination of 100 percent of the VHP nozzles performed at your plant, in conjunction with your inspection plans, provides reasonable assurance that the public health and safety will be maintained through the next inspection at your plant. Since the proposed inspection scope and schedule described in your response were integral to the staff's finding, it is the staff's expectation that you will submit a revised response to Bulletin 2001-01 if you make any substantive changes to the schedule and/or scope of future inspections for your plant. If warranted by such changes, the staff will reevaluate this issue for ANO-1.

Addressees are reminded that Item 5 of Bulletin 2001-01 requested the following information within 30 days after plant restart following the next refueling outage:

- a. a description of the extent of VHP nozzle leakage and cracking detected at your plant, including the number, location, size, and nature of each crack detected;

- b. if cracking is identified, a description of the inspections (type, scope, qualification requirements, and acceptance criteria), repairs, and other corrective actions you have taken to satisfy applicable regulatory requirements. This information is requested only if there are any changes from prior information submitted in accordance with this bulletin.

Sincerely,

/RA/

Thomas W. Alexion, Project Manager, Section 1
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-313

cc: See next page

- b. if cracking is identified, a description of the inspections (type, scope, qualification requirements, and acceptance criteria), repairs, and other corrective actions you have taken to satisfy applicable regulatory requirements. This information is requested only if there are any changes from prior information submitted in accordance with this bulletin.

Sincerely,

/RA/

Thomas W. Alexion, Project Manager, Section 1
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

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Arkansas Nuclear One

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