

September 20, 2007

Mr. Timothy G. Mitchell  
Vice President, Operations  
Arkansas Nuclear One  
Entergy Operations, Inc.  
1448 SR 333  
Russellville, AR 72802

SUBJECT: ARKANSAS NUCLEAR ONE, UNIT 1 - CLOSURE OF CONFIRMATORY  
ACTION LETTER NRR-07-010 (TAC NO. MD4130)

Dear Mr. Mitchell:

On March 29, 2007, the U.S. Nuclear Regulatory Commission (NRC) issued Confirmatory Action Letter (CAL) No. NRR-07-010 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML070780094) regarding dissimilar metal welds in the pressurizer at Arkansas Nuclear One, Unit 1 (ANO-1). This letter acknowledges receipt of your letters dated May 22, 2007 and June 27, 2007 (ADAMS Accession No. ML072420397 and ML071870335, respectively), informing the NRC of actions taken in response to this CAL.

In your letters, you provided the inspection results of the weld overlays applied to the pressurizer surge nozzle weld, the pressurizer spray nozzle weld and the associated safe-end to pipe weld, and the three safety/relief nozzle welds at ANO-1.

Based on your letters, the NRC has found that all the commitments listed in the CAL and supporting commitment letter (ADAMS Accession No. ML070610349) have been met. No further response is required regarding the CAL. We consider the CAL closed. As such, it is no longer necessary to implement enhanced inspection and leakage monitoring requirements for the reactor coolant system. This completes NRC staff action for TAC No. MD4130.

Thank you for informing us of the actions documented in your letter. These actions may be examined during a future NRC inspection of your facility.

Current NRC regulations and the NRC Enforcement Policy are available at the NRC web site at <http://www.nrc.gov/materials/miau/mat-toolkits.html> and <http://www.nrc.gov/what-wedo/regulatory/enforcement> or by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 9:00 p.m. EST, Monday through Friday (except Federal holidays).

T. Mitchell

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In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

/RA/

Catherine Haney, Director  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-313

cc: See next page

T. Mitchell

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Catherine Haney, Director  
Division of Operating Reactor Licensing  
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