



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

February 6, 2012

Mr. Danny G. Bost  
Executive Vice President  
Southern Nuclear Operating Company, Inc.  
40 Inverness Center Parkway  
Post Office Box 1295  
Birmingham, AL 35201-1295

SUBJECT: JOSEPH M. FARLEY NUCLEAR PLANT, UNITS 1 AND 2 – CLOSURE OF  
CONFIRMATORY ACTION LETTER NRR-07-0018 (TAC NO. ME5277)

Dear Mr. Bost:

On March 15, 2007, the U.S. Nuclear Regulatory Commission (NRC) issued Confirmatory Action Letter (CAL) No. NRR-07-018 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML070670264) regarding dissimilar metal welds in the pressurizer at Joseph M. Farley Nuclear Plant (FNP), Units 1 and 2. The CAL referenced your supplemental commitment letter dated March 6, 2007 (ADAMS Accession No. ML070650572). This letter acknowledges receipt of your letter dated May 18, 2010 (ADAMS Accession No. ML101390422) informing the NRC of actions taken in response to this CAL for FNP Unit 2.

On January 30, 2008 (ADAMS Accession No. ML080170204), the NRC provided an acknowledgment letter recognizing your efforts to date for Unit 1 and for Unit 2 in response to this CAL. That letter concluded that based on the response in your letter dated November 12, 2007 (ADAMS Accession No. ML073180046), you had completed all of the commitments pertaining to FNP Unit 1 listed in the CAL and that no further response was required regarding the CAL for Unit 1. However, that letter concluded that FNP Unit 2, based on your July 18, 2007 (ADAMS Accession No. ML071990250), letter had commitments remaining open to perform reexaminations on two pressurizer Alloy 82/182 butt welds prior to October 2009; to perform mitigation and post-mitigation examination activities on the pressurizer nozzles by the end of the 2R20 outage (Spring 2010); and to reporting results of examinations. You clarified in a letter dated March 17, 2008 (ADAMS Accession No. ML080770227), that the commitment to re-examine the two Unit 2 pressurizer Alloy 82/182 butt welds prior to October 2009 had already been satisfied.

Your letter of May 18, 2010, stated that the Performance Demonstration Initiative (PDI) qualified ultrasonic examination (UT) had been completed on the Unit 2 pressurizer nozzle full structural weld overlays during the May 2010 Unit 2 outage (2R20). The examination scope consisted of the four pressurizer safety/relief nozzle to safe-end weld overlays and the pressurizer spray nozzle to safe-end weld overlay. You also reported the results of the examinations and took corrective action to fix any indications found in the overlays.

Based on your letters dated March 17, 2008, and May 18, 2010, for FNP Unit 2, the NRC has found that all the commitments listed in the CAL and its supporting commitment letter have been met. No further response is required regarding the CAL. We consider the CAL closed for both FNP Units 1 and 2.

D. Bost

- 2 -

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 guidance regarding CALs is contained in the NRC Enforcement Policy and the NRC Enforcement Manual, which are available at the NRC web site at <http://www.nrc.gov/about-nrc/regulatory/enforcement.html> (click on Enforcement Policy or Enforcement Guidance).

In accordance with Title 10 of the *Code of Federal Regulations*, Part 23, Section 2.390 of the NRC's "Rules of Practice," a copy of this letter and your response 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>.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric J. Leeds". The signature is fluid and cursive, with a prominent initial "E" and "L".

Eric J. Leeds, Director  
Office of Nuclear Reactor Regulation

Docket Nos. 50-348 and 50-364

cc: Listserv

D. Bost

- 2 -

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Sincerely,

*/RA/*

Eric J. Leeds, Director  
Office of Nuclear Reactor Regulation

Docket Nos. 50-348 and 50-364

cc: Listserv

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