



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

August 24, 2011

Mr. M. J. Ajluni  
Nuclear Licensing Director  
Southern Nuclear Operating Company, Inc.  
40 Inverness Center Parkway  
Post Office Box 1295, Bin - 038  
Birmingham, AL 35201-1295

**SUBJECT: JOSEPH M. FARLEY NUCLEAR PLANT, UNITS 1 AND 2—REQUEST FOR  
ADDITIONAL INFORMATION (TAC NOS. ME6142 AND ME6143 )**

Dear Mr. Ajluni:

By letter dated April 29, 2011 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML111220091), Southern Nuclear Operating Company, Inc., submitted a license amendment request regarding the Joseph M. Farley Nuclear Plant (FNP), Units 1 and 2, to revise Technical Specification (TS) 3.4.15, "RCS Leakage Detection Instrumentation."

As stated in the "Model Application for Plant Specific Adoption of Technical Specification Task Force (TSTF)-513, Revision 3, 'Revise Pressurized Water Reactor (PWR) Operability Requirements and Actions for Reactor Coolant System (RCS) Leakage Instrumentation' (ADAMS Accession No. ML101340271):

The proposed Required Actions for new Condition D require the licensee to analyze grab samples of the containment atmosphere once per 12 hours and restore the required containment sump monitor to operable status within 7 days, or analyze grab samples of the containment atmosphere once per 12 hours and restore the containment air cooler condensate flow rate monitor to operable status within 7 days. These actions are in addition to the Required Actions of Condition A, which require performing an RCS mass balance once per 24 hours.

The FNP TSs differ from the Standard TSs in that the action of Condition A is to analyze grab samples once per 24 hours OR perform an RCS mass balance (Surveillance Requirement 3.4.13.1) once per 24 hours. Hence, once the proposed Condition C, which is the equivalent to the TSTF-513 Condition D, is entered, the action for C, analyzing grab samples once per 12 hours, satisfies FNP TS Condition A without any assurance that an RCS mass balance will be performed every 24 hours.

M. Ajluni

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The proposed application of the TSTF-513 changes to the FNP TSs is not in accordance with the model application. Please revise your amendment request to fit the model or provide adequate justification for the deviation. We request that a response be provided within thirty (30) days of the date of this letter.

Sincerely,



Robert E. Martin, Senior Project Manager  
Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-348 and 50-364

Enclosure:  
Request for Additional Information

cc w/encl: Distribution via Listserv

M. Ajluni

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**/RA/**

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ADAMS Accession No.: ML11227A005

\*by email dated

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