



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

February 1, 2010

Mr. Mark J. Ajluni
Manager, Nuclear Licensing
Southern Nuclear Operating Company
40 Inverness Center Parkway
Birmingham, Alabama 35201

SUBJECT: FARLEY NUCLEAR PLANT, UNITS 1 AND 2 – CLOSEOUT OF GENERIC LETTER 2008-01 “MANAGING GAS ACCUMULATION IN EMERGENCY CORE COOLING, DECAY HEAT REMOVAL, AND CONTAINMENT SPRAY SYSTEMS” (TAC NO. MD7825 AND MD7826)

Dear Mr. Ajluni:

On January 11, 2008, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 2008-01, “Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems” (Agencywide Documents Access and Management System (ADAMS) Accession No. ML072910759). The stated purpose of GL 2008-01 was (a) to request addressees to submit information to demonstrate that the subject systems are in compliance with the current licensing and design bases and applicable regulatory requirements, and that suitable design, operational, and testing control measures are in place for maintaining this compliance; and, (b) to collect the requested information to determine if additional regulatory action is required.

GL 2008-01 requested that licensees provide the following information within 9 months of the date of the GL:

- (a) A description of the results of evaluations that were performed pursuant to requested actions specified in the GL. This description should provide sufficient information to demonstrate that you are or will be in compliance with the quality assurance criteria in Sections III, V, XI, XVI, and XVII of Appendix B to 10 CFR Part 50 and the licensing basis and operating license as those requirements apply to the subject systems;
- (b) A description of all corrective actions, including plant, programmatic, procedure, and licensing basis modifications that you determined were necessary to assure compliance with these regulations; and,
- (c) A statement regarding which corrective actions were completed, the schedule for completing the remaining corrective actions, and the basis for that schedule.

In your letters dated October 10, 2008, February 19, 2009, July 31, 2009, and December 17, 2009 (ADAMS Accession Nos. ML082880119, ML090510291, ML092160341, and ML100190165, respectively), you provided information in response to the GL. The NRC staff has reviewed the submitted information and has concluded that for Farley Units 1 and 2, your response to the GL is acceptable. Consequently, your GL response is considered closed and


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no further information or action is requested of you unless there are outstanding commitments to provide such information. Notwithstanding, the NRC's Region II staff may decide to perform (and would contact you to schedule) an inspection using Temporary Instruction (TI) 2515/177, "Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems (NRC Generic Letter 2008-01)" (ADAMS Accession No. ML082950666). The TI 2515/177 is confirmatory in nature in that it directs NRC inspectors to selectively verify that the licensee has implemented or is in the process of acceptably implementing the commitments, modifications, and programmatically controlled actions described in the licensee's response to GL 2008-01 and the plant-specific information supports a conclusion that subject systems operability is reasonably ensured.

If you have any questions regarding this letter, please feel free to contact me at (301) 415-1493.

Sincerely,


Robert Martin, Project Manager
Plant Licensing Branch LPL2-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-348 and 50-364

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/RA/

Robert Martin, Project Manager
Plant Licensing Branch LPL2-1
Division of Operating Reactor Licensing
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Docket Nos. 50-348 and 50-364

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* By memo dated 1/27/10

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