



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

January 19, 2010

Mr. R. M. Krich
Vice President, Nuclear Licensing
Tennessee Valley Authority
3R Lookout Place
1101 Market Street
Chattanooga, Tennessee, 37402-2801

SUBJECT: BROWNS FERRY UNITS 1, 2, AND 3 – CLOSEOUT OF GENERIC LETTER 2008-01 “MANAGING GAS ACCUMULATION IN EMERGENCY CORE COOLING, DECAY HEAT REMOVAL, AND CONTAINMENT SPRAY SYSTEMS” (TAC NOS. MD7799, MD7800, AND MD7801)

Dear Mr. Krich:

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.

The GL requested that licensees provide the following information within 9 months from the issuance 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 Title 10 *Code of Federal Regulations* 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.

R. Krich

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In your letters dated May 9, June 6, July 11, and October 11, 2008, March 2, and September 21, 2009 (ADAMS Accession Nos. ML081360101, ML081630086, ML081970084, ML082890540, ML090630424, and ML092660613, respectively), the Tennessee Valley Authority provided information in response to the GL. The NRC staff has reviewed the submitted information and has concluded that for Browns Ferry Nuclear Plant (BFN) Units 1, 2, and 3, the response to the GL is acceptable. Consequently, the BFN GL response is considered closed and no further information or action is requested. 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 GL 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) 415-1321.

Sincerely,



Stewart N. Bailey, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-259, 50-260, and 50-296

cc: Distribution via Listserv

In your letters dated May 9, June 6, July 11, and October 11, 2008, March 2, and September 21, 2009 (ADAMS Accession Nos. ML081360101, ML081630086, ML081970084, ML082890540, ML090630424, and ML092660613, respectively), the Tennessee Valley Authority provided information in response to the GL. The NRC staff has reviewed the submitted information and has concluded that for Browns Ferry Nuclear Plant (BFN) Units 1, 2, and 3, the response to the GL is acceptable. Consequently, the BFN GL response is considered closed and no further information or action is requested. 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 GL 2008-01)" (ADAMS Accession No. ML082950666).

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/RA/

Stewart N. Bailey, Senior Project Manager
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