



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

June 9, 2010

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

SUBJECT: SEQUOYAH NUCLEAR PLANT, UNITS 1 AND 2 - REQUEST FOR  
ADDITIONAL INFORMATION REGARDING GENERIC LETTER 2008-01,  
"MANAGING GAS ACCUMULATION IN EMERGENCY CORE COOLING,  
DECAY HEAT REMOVAL, AND CONTAINMENT SPRAY SYSTEMS"  
(TAC NOS. MD7879 AND MD7880)

Dear Mr. Krich:

By letters dated October 11, 2008, July 24, 2009, and February 19, 2010, Tennessee Valley Authority (the licensee) provided responses to Generic Letter (GL) 2008-01, "Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems," for Sequoyah Nuclear Plant, Units 1 and 2.

The Nuclear Regulatory Commission staff has reviewed the licensee's responses and has determined that additional information is required to verify that the licensee has demonstrated "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," as stated in GL 2008-01. This request was discussed with Mr. Rodney Cook of your staff on June 8, 2010, and it was agreed that a response would be provided by July 16, 2010.

If you have any questions regarding this matter, I can be reached at 301-415-1564.

Sincerely,

A handwritten signature in cursive script that reads "Siva P. Lingam".

Siva P. Lingam, Project Manager  
Plant Licensing Branch II-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-327 and 50-328

Enclosure: Request for Additional Information

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REQUEST FOR ADDITIONAL INFORMATION

REGARDING GENERIC LETTER 2008-01

SEQUOYAH NUCLEAR PLANT, UNITS 1 AND 2

DOCKET NOS. 50-327 AND 50-328

By letters dated October 11, 2008, July 24, 2009, and February 19, 2010 (Agencywide Documents Access and Management System Accession Nos. ML082890540, ML092080447, and ML100541590 respectively), Tennessee Valley Authority (the licensee) provided responses to Generic Letter (GL) 2008-01, "Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal, and Containment Spray Systems," for Sequoyah Nuclear Plant, Units 1 and 2. In order to determine that the licensee has acceptably demonstrated "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," as stated in GL 2008-01, the U.S. Nuclear Regulatory Commission staff needs the following additional information:

1. Discuss the surveillance criteria, surveillance methods, and surveillance locations for emergency core cooling, decay heat removal, and containment spray systems.
2. Discuss the surveillance intervals for the monitored locations, including justification for surveillance intervals greater than 31 days for emergency core cooling, decay heat removal, and containment spray systems.
3. Training was not identified in the GL 2008-01 but is considered to be a necessary part of applying procedures and other activities when addressing the issues identified in the GL 2008-01. Briefly discuss the training involved to ensure the compliance of emergency core cooling, decay heat removal, and containment spray systems with the NRC requirements as addressed in GL 2008-01.

Enclosure

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