



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

May 18, 2015

Mr. C. R. Pierce
Regulatory Affairs Director
Southern Nuclear Operating Company, Inc.
P. O. Box 1295/Bin - 038
Birmingham, AL 35201-1295

SUBJECT: EDWIN I. HATCH NUCLEAR PLANT, UNITS 1 AND 2 – REQUEST FOR
ADDITIONAL INFORMATION (TAC NOS. MF5579 AND MF5580)

Dear Mr. Pierce:

The U.S. Nuclear Regulatory Commission (NRC) staff reviewed the Southern Nuclear Operating Company, Inc. (SNC), license amendment request (LAR), dated January 13, 2015, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15014A411) to Revise Technical Specifications Regarding Generic Letter 2008-01, Managing Gas Accumulation in accordance with TSTF-523, Revision 2, for the Edwin I. Hatch Nuclear Plant, Units 1 and 2.

The NRC staff has reviewed the LAR and has determined that additional information is necessary as set forth in the Enclosure. Please provide a schedule for submittal of your response to these questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Bob Martin", is positioned above the typed name.

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

Docket Nos.: 50-321, 50-366

cc: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION

EDWIN I. HATCH NUCLEAR PLANT, UNITS 1 AND 2

SOUTHERN NUCLEAR OPERATING COMPANY, INC.

DOCKET NOS. 50-321 AND 50-366

The U.S. Nuclear Regulatory Commission (NRC) staff reviewed the Southern Nuclear Operating Company, Inc. (SNC), license amendment request (LAR), dated January 13, 2015, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15014A411) to Revise Technical Specifications Regarding Generic Letter 2008-01, Managing Gas Accumulation in accordance with TSTF-523, Revision 2, for the Edwin I. Hatch Nuclear Plant, Units 1 and 2. The NRC staff has reviewed the request and determined that additional information is necessary as noted below.

1. An acceptable surveillance must include allowance for gas accumulation until the next surveillance is scheduled. How is this requirement satisfied by the following:
 - a. Satisfactorily operating a system or subsystem such as a residual heat removal shutdown cooling subsystem?
 - b. Monitoring Reactor Core Isolation Cooling pump suction pressure?
 - c. Use of a procedure designed to initially ensure that piping is adequately filled and vented?
2. Please describe the monitoring of other system parameters that could identify a change that could introduce gas into piping between surveillance intervals.
3. What are representative surveillance frequencies that exist under the Surveillance Frequency Control Program that differ from the TSTF-523 example of 31 days and what is the basis for those changes?

Enclosure

May 18, 2015

Mr. C. R. Pierce
Regulatory Affairs Director
Southern Nuclear Operating Company, Inc.
P. O. Box 1295/Bin - 038
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Sincerely,

/RA/

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

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ADAMS Accession No.: ML15133A316

***email dated May 6, 2015**

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