



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

October 28, 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 (CAC NOS. MF5579 AND MF5580)

Dear Mr. Pierce:

The U.S. Nuclear Regulatory Commission (NRC) staff is continuing its review of 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. We have determined that additional information is necessary as follows.

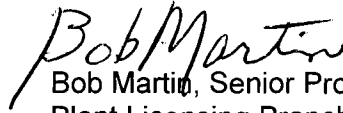
Your response to RAI 1a states "If a system is currently running and the 31 day frequency should occur, monitoring the system running parameters ... ensures that the system is meeting its system requirements for the required surveillance." If the system is running with sufficient flow, monitoring the running parameters is effective. However, if the flow is low, the gas voids may not transport through the system. Additionally, stagnant branch lines in an operating system may be susceptible to gas accumulation. Please explain how you take into consideration the flowrate of the operating system and the stagnant branch lines when crediting the running system as meeting the surveillance.

C. R. Pierce

- 2 -

Please provide a response within thirty (30) days of the date of this letter.

Sincerely,

A handwritten signature in cursive script that reads "Bob Martin".

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

C. R. Pierce

- 2 -

Please provide a response within thirty (30) days of the date of this letter.

Sincerely,

**/RA/**

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

**DISTRIBUTION:**

PUBLIC LPL2-1 R/F	RidsNrrLASFiguroa Resource	WLyon, NRR
RidsAcrs_MailCTR Resource	RidsNrrPMHatch Resource	KWest, NRR
RidsNrrDorlPl2-1 Resource	RidsRgn2MailCenter Resource	

**ADAMS Accession No.: ML15295A425**

\*email dated

OFFICE	NRR/LPLII-1/PM	NRR/LPLII-1/LA	NRR/SRXB/BC*	NRR/LPLII-1/BC	NRR/LPLII-1/PM
NAME	BMartin	SFiguroa	CJackson	RPascarelli	BMartin
DATE	10/22/15	10/26/15	10/19/15*	10/28/15	10/28/15

**OFFICIAL RECORD COPY**