



Southern Nuclear

Dennis R. Madison  
Vice President - Farley

Joseph M. Farley Nuclear Plant  
7388 North State Hwy 95  
Columbia, Alabama 36319  
334.814.4511 tel  
334.814.4575 fax

drmadiso@southernco.com

March 14, 2018

Docket No.: 50-348

NL-18-0341

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555-0001

Joseph M. Farley Nuclear Plant - Unit 1  
Special Report 2018-001-00, Nonfunctional Radiation Monitors R-60A, B, C, and D

Ladies and Gentlemen:

In accordance with the requirements of Joseph M. Farley Nuclear Plant Technical Requirements Manual 13.3.4, the enclosed Special Report 2018-001-00 (Unit 1) is submitted.

This letter contains no NRC commitments. If you have any questions, please contact Elizabeth Williford, Farley Regulatory Affairs Manager, at 334.814.4765.

Respectfully submitted,

A handwritten signature in black ink that reads "Dennis R. Madison".

D. R. Madison  
Vice President – Farley

DRM/mml/cbg

Enclosure: Special Report 2018-001-00

Cc: Regional Administrator, Region II  
NRR Project Manager – Farley Nuclear Plant  
Senior Resident Inspector – Farley Nuclear Plant  
RTYPE: CFA04.054

**Joseph M. Farley Nuclear Plant - Unit 1  
Special Report 2018-001-00, Nonfunctional Radiation Monitors R-60A, B, C, and D**

**Enclosure**

**Special Report 2018-001-00**

**Nonfunctional Radiation Monitors R-60A, B, C, and D**

This Special Report is being submitted due to the Unit 1 radiation monitor R-60A (Main Steam Relief and Atmospheric Steam Dump) not being restored to functional status within the time required by Technical Requirement (TR) 13.3.4 of the Joseph M. Farley Nuclear Plant (FNP) Technical Requirements Manual (TRM). The TR requires that the monitor be restored to functional status within 7 days or submit a Special Report within the following 14 days.

At 1200 on March 2, 2018, with Unit 1 in Mode 1, radiation monitor R-60A was declared nonfunctional as part of a planned design change to replace the R-60 monitors. The TR Required Action was entered for R-60A, and compensatory measures were established. The TR Required Action and compensatory measures will remain in effect until the new R-60 radiation monitor installations are complete. The design change for the replacement of the Unit 1 R-60 radiation monitors permanently removes R-60D so it will not be returned to service. The remaining R-60 radiation monitors are scheduled for completion in July 2018.

In addition, this Special Report is updating the estimated completion times quoted in Special Report 2017-002-00 (Reference 1) for the replacement of R-60B, Special Report 2016-004-00 (Reference 2) for the replacement of R-60C, and Special Report 2017-001-00 (Reference 3) for the removal of R-60D to reflect the revised schedule of July 2018.

**References:**

1. NL-17-2061, "Special Report 2017-002-00, Nonfunctional Radiation Monitor R-60B," December 14, 2017.
2. NL-16-2391, "Special Report 2016-004-00, Nonfunctional Radiation Monitor R-60C," November 21, 2016.
3. NL-17-0539, "Special Report 2017-001-00, Nonfunctional Radiation Monitor R-60D," April 13, 2017.