



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

March 4, 2013

Mr. Tom A. Lynch
Site Vice President - Farley
Southern Nuclear Operating Company, Inc.
7388 North State Highway 95
Columbia, AL 36319

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR JOSEPH M. FARLEY NUCLEAR
PLANT UNIT 1 AND UNIT 2 (NRC INSPECTION REPORT 05000348/2012001
AND 364/2012001)**

Dear Mr. Lynch:

On February 12, 2013, the NRC completed its end-of-cycle performance review of Joseph M. Farley Nuclear Plant Unit 1 and Unit 2. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2012, through December 31, 2012. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined that overall, Farley Unit 1 and Unit 2 operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Farley Unit 1 and Unit 2 during the 1st, 2nd, and 3rd quarters of 2012 was within the Regulatory Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because of a greater-than-green Security Cornerstone finding. After reviewing Farley Nuclear Plant Unit 1 and Unit 2 performance in addressing the greater-than-green finding, the NRC determined the performance at Farley Nuclear Plant Unit 1 and Unit 2 to be in the Licensee Response Column of the ROP Action Matrix as of October 1, 2012. The NRC determined the performance at Farley Unit 1 and Unit 2 during the most recent quarter was within the Licensee Response Column of the NRC's ROP Action Matrix because all inspection findings had very low (i.e., Green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through June 30, 2014. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to the baseline inspections, the NRC also plans to conduct initial reactor operator license examinations. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include security related inspections which will be sent via separate, non-publicly available correspondence.

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T. Lynch

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In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact Frank Ehrhardt at (404) 997-4611 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Richard P. Croteau, Director
Division of Reactor Projects

Docket No.: 50-348, 50-364
License No.: NPF-2, NPF-8

Enclosure: As Stated

cc w/encl: (See page 3)

T. Lynch

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cc w/encl:

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(cc w/encl continued next page)

T. Lynch

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(cc w/encl continued)

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Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		MODS	- PLANT MODIFICATIONS INSPECTION	4
1, 2	02/25/2013 03/01/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
1, 2	03/11/2013 03/15/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
		RP	- RAD HAZARDS ANALYSIS AND TRANSPORTATION	2
1, 2	04/15/2013 04/19/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	04/15/2013 04/19/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1, 2	04/15/2013 04/19/2013	IP 71151	Performance Indicator Verification	
		ISI	- UNIT 2 INSERVICE INSPECTION	1
2	04/22/2013 04/26/2013	IP 7111108P	Inservice Inspection Activities - PWR	
		OL EXAM	- INITIAL EXAM PREP	3
1	05/20/2013 05/24/2013	V23407	FARLEY/JUNE 2013 INITIAL EXAM AT POWER FACILITIES	
		OL EXAM	- INITIAL EXAM - WEEK 1	3
1	06/17/2013 06/21/2013	V23407	FARLEY/JUNE 2013 INITIAL EXAM AT POWER FACILITIES	
		OL EXAM	- INITIAL EXAM - WEEK 2	3
1	06/24/2013 06/28/2013	V23407	FARLEY/JUNE 2013 INITIAL EXAM AT POWER FACILITIES	
		ISI	- UNIT 1 INSERVICE INSPECTION	1
1	10/07/2013 10/11/2013	IP 7111108P	Inservice Inspection Activities - PWR	
		SGISI	- UNIT 1 SG INSERVICE INSPECTION	1
1	10/14/2013 10/18/2013	IP 7111108P	Inservice Inspection Activities - PWR	
		PI&R	- PROBLEM IDENTIFICATION AND RESOLUTION	4
1, 2	11/04/2013 11/09/2013	IP 71152B	Problem Identification and Resolution	
1, 2	11/18/2013 11/22/2013	IP 71152B	Problem Identification and Resolution	
		HS	- TRIENNIAL HEAT SINK PERFORMANCE	1
1, 2	01/13/2014 01/17/2014	IP 7111107T	Heat Sink Performance	
		EP	- EP EXERCISE	1
1, 2	04/07/2014 04/11/2014	IP 7111401	Exercise Evaluation	
1, 2	04/07/2014 04/11/2014	IP 71151	Performance Indicator Verification	
		CDBI	- COMPONENT DESIGN BASES INSPECTION	6
1, 2	04/14/2014 04/18/2014	IP 7111121	Component Design Bases Inspection	
1, 2	05/05/2014 05/09/2014	IP 7111121	Component Design Bases Inspection	
1, 2	05/19/2014 05/23/2014	IP 7111121	Component Design Bases Inspection	

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1, 2	06/02/2014 06/06/2014	CDBI IP 7111121	- COMPONENT DESIGN BASES INSPECTION Component Design Bases Inspection	6

Comments: