



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

September 4, 2012

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

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN – JOSEPH M. FARLEY NUCLEAR PLANT (NRC INSPECTION REPORT 05000348, 364/2012006)

Dear Mr. Lynch:

On August 14, 2012, the NRC completed its performance review of Joseph M. Farley Nuclear Plant. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2011, through June 30, 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 the performance at Farley Unit 1 and Unit 2 during the most recent quarter was within the Regulatory Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because of one or more greater-than-green Security Cornerstone inputs as described in inspection report 0500348, 364/2011202 sent on January 10, 2012. As described in our letter to you dated July 30, 2012, this change in the Action Matrix from the end-of-cycle assessment is due to the integration of the security cornerstone into the ROP performance assessment program governed by IMC 0305, "Operating Reactor Assessment Program."

On May 21, 2012, your staff notified the NRC of your readiness for it to conduct a supplemental inspection to review the actions taken to address performance issues. NRC inspectors completed this supplemental inspection in August 2012 and you will be notified of the results of this inspection via separate correspondence.

The enclosed inspection plan lists the inspections scheduled through December 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to the baseline inspections, consistent with the Agency's actions related to Fukushima, the NRC will perform TI-187, "Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns" and TI-188 "Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns." The NRC also plans to conduct Initial Operator License Examinations, and TI-182 "Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks." The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the end-of-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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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 Croteau, Director
Division of Reactor Projects

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

Enclosure: Farley Inspection/Activity Plan (09/01/2012 – 12/31/2013)

cc w/encl: (See page 3)

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Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1, 2	01/14/2013 01/18/2013	PSB1-RP	- RP PUBLIC RAD SAFETY BASELINE	3
		IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	01/14/2013 01/18/2013	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2	01/14/2013 01/18/2013	IP 71151	Performance Indicator Verification	
1, 2	02/25/2013 03/01/2013	MODS	- PERM MODS 50.59 INSPECTION	6
		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	
1, 2	03/18/2013 03/22/2013	EP	- EP PROGRAM INSPECTION	1
		IP 7111402	Alert and Notification System Testing	
1, 2	03/18/2013 03/22/2013	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	03/18/2013 03/22/2013	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	03/18/2013 03/22/2013	IP 71151	Performance Indicator Verification	
1, 2	04/15/2013 04/19/2013	PSB1-RP	- RAD HAZARDS ANALYSIS AND TRANSPORTATION	2
		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	
2	04/22/2013 04/26/2013	ISI	- UNIT 2 INSERVICE INSPECTION	1
		IP 7111108P	Inservice Inspection Activities - PWR	
1	05/27/2013 05/31/2013	OL EXAM	- INITIAL EXAM PREP	3
		V23407	FARLEY/JUNE 2013 INITIAL EXAM AT POWER FACILITIES	
1	06/17/2013 06/21/2013	OL EXAM	- INITIAL EXAM - WEEK 1	3
		V23407	FARLEY/JUNE 2013 INITIAL EXAM AT POWER FACILITIES	
1	06/24/2013 06/28/2013	OL EXAM	- INITIAL EXAM - WEEK 2	3
		V23407	FARLEY/JUNE 2013 INITIAL EXAM AT POWER FACILITIES	
1	10/07/2013 10/11/2013	ISI	- UNIT 1 INSERVICE INSPECTION	1
		IP 7111108P	Inservice Inspection Activities - PWR	
1	10/14/2013 10/18/2013	SGISI	- UNIT 1 SG INSERVICE INSPECTION	1
		IP 7111108P	Inservice Inspection Activities - PWR	
1, 2	11/04/2013 11/09/2013	PI&R	- PROBLEM IDENTIFICATION AND RESOLUTION	5
		IP 71152B	Problem Identification and Resolution	
1, 2	11/18/2013 11/22/2013	IP 71152B	Problem Identification and Resolution	

Comments:

This report does not include INFO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.