



**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.

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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☐ NON-PUBLICLY AVAILABLE

☐ SENSITIVE

☒ NON-SENSITIVE

ADAMS: ☒ Yes

ACCESSION NUMBER: _____

☒ SUNSI REVIEW COMPLETE

OFFICE	RII:RDP	RII:DRP	RII:DRP	RII:DRP			
SIGNATURE	CWR /RA for/	FJE /RA/		RPC /RA/			
NAME	MMiller	FEhrhardt	WJones	RCroteau			
DATE	02/29/2013	02/27/2013		02/27/2013			
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: S:\DRP\PERIODIC ASSESSMENTS & REPORTS\EOC & MID-CYCLE\2012\END OF CYCLE\INPUT\RPB2\FARLEY\2012 FARLEY EOC LETTER.DOCX

cc w/encl:

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(cc w/encl continued next page)

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(cc w/encl continued)

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Letter to Tom A. Lynch from Richard P. Croteau dated March 4, 2013.

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PLANT UNIT 1 AND UNIT 2 (NRC INSPECTION REPORT 05000348/2012001
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Distribution w/encl:

C. Evans, RII

L. Douglas, RII

OE Mail

RIDSNRRDIRS

PUBLIC

RidsNrrPMFarley Resource

ROP Assessment

Institute of Nuclear Power Operations (INPO)

Farley
Inspection / Activity Plan
03/01/2013 - 06/30/2014

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
1, 2	02/25/2013	03/01/2013	MODS	- PLANT MODIFICATIONS INSPECTION	4
1, 2	03/11/2013	03/15/2013	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	2
1, 2	04/15/2013	04/19/2013	RP	- RAD HAZARDS ANALYSIS AND TRANSPORTATION	
1, 2	04/15/2013	04/19/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	1
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	3
2	04/22/2013	04/26/2013	ISI	- UNIT 2 INSERVICE INSPECTION	
			IP 7111108P	Inservice Inspection Activities - PWR	3
1	05/20/2013	05/24/2013	OL EXAM	- INITIAL EXAM PREP	
			V23407	FARLEY/JUNE 2013 INITIAL EXAM AT POWER FACILITIES	3
1	06/17/2013	06/21/2013	OL EXAM	- INITIAL EXAM - WEEK 1	
			V23407	FARLEY/JUNE 2013 INITIAL EXAM AT POWER FACILITIES	3
1	06/24/2013	06/28/2013	OL EXAM	- INITIAL EXAM - WEEK 2	
			V23407	FARLEY/JUNE 2013 INITIAL EXAM AT POWER FACILITIES	1
1	10/07/2013	10/11/2013	ISI	- UNIT 1 INSERVICE INSPECTION	
			IP 7111108P	Inservice Inspection Activities - PWR	1
1	10/14/2013	10/18/2013	SGISI	- UNIT 1 SG INSERVICE INSPECTION	
			IP 7111108P	Inservice Inspection Activities - PWR	4
1, 2	11/04/2013	11/09/2013	PI&R	- PROBLEM IDENTIFICATION AND RESOLUTION	
1, 2	11/18/2013	11/22/2013	IP 711152B	Problem Identification and Resolution	1
			IP 711152B	Problem Identification and Resolution	
1, 2	01/13/2014	01/17/2014	HS	- TRIENNIAL HEAT SINK PERFORMANCE	1
			IP 7111107T	Heat Sink Performance	
1, 2	04/07/2014	04/11/2014	EP	- EP EXERCISE	1
1, 2	04/07/2014	04/11/2014	IP 7111401	Exercise Evaluation	
			IP 71151	Performance Indicator Verification	6
1, 2	04/14/2014	04/18/2014	CDBI	- COMPONENT DESIGN BASES INSPECTION	
1, 2	05/05/2014	05/09/2014	IP 7111121	Component Design Bases Inspection	1
1, 2	05/19/2014	05/23/2014	IP 7111121	Component Design Bases Inspection	

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

Enclosure

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

Comments: