



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

August 28, 2017

Dennis Madison  
Site Vice President  
Southern Nuclear Operating Company, Inc.  
Joseph M. Farley Nuclear Plant  
7388 North State Highway 95  
Columbia, AL 36319

**SUBJECT: UPDATED INSPECTION PLAN FOR JOSEPH M. FARLEY NUCLEAR PLANT  
UNITS 1 AND 2 – NRC REPORT 05000348/2017005 AND 05000364/2017005**

Dear Mr. Madison:

The enclosed inspection plan lists the inspections scheduled through June 30, 2019 for Joseph M. Farley Nuclear Plant, Units 1 and 2. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. 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 the plan for security-related inspections, which will be sent via separate, non-publicly available correspondence.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be 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).

D. Madison

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Please contact me at (404) 997-4513 with any questions you have regarding this letter.

Sincerely,

*/RA/*

Shane Sandal, Chief  
Reactor Projects Branch 2  
Division of Reactor Project

Docket Nos.: 50-348, 50-364  
License Nos.: NPF-2, NPF-8

Enclosure:  
Farley Inspection/Activity Plan  
08/01/2017-06/30/2019

cc Distribution via ListServ

SUBJECT: UPDATED INSPECTION PLAN FOR JOSEPH M. FARLEY NUCLEAR PLANT  
UNITS 1 AND 2 – NRC REPORT 05000348/2017005 AND 05000364/2017005  
August 28, 2017

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ADAMS Accession Number: ML17240A043

OFFICE	RII:DRP	RII:DRP				
NAME	DMas	SSandal				
DATE	8/23/2017	8/25/2017				

**OFFICIAL AGENCY RECORD**

**Farley**  
**Inspection / Activity Plan**  
**08/01/2017 - 06/30/2019**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>RP - RP PUBLIC RAD SAFETY BASELINE</b>		<b>3</b>
1, 2	08/21/2017	08/25/2017	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	08/21/2017	08/25/2017	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2	08/21/2017	08/25/2017	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1, 2	08/21/2017	08/25/2017	IP 71151	Performance Indicator Verification	
			<b>PI&amp;R - PROBLEM IDENTIFICATION AND RESOLUTION</b>		<b>4</b>
1, 2	09/11/2017	09/15/2017	IP 71152B	Problem Identification and Resolution	
1, 2	09/25/2017	09/29/2017	IP 71152B	Problem Identification and Resolution	
			<b>ISI - UNIT 2 IN-SERVICE INSPECTION</b>		<b>1</b>
2	10/23/2017	10/27/2017	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>RP - RAD HAZARDS</b>		<b>1</b>
1, 2	10/23/2017	10/27/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			<b>ISI - UNIT 1 IN-SERVICE INSPECTION</b>		<b>1</b>
1	04/09/2018	04/13/2018	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>RP - RP OCCUPATIONAL - WEEK 1</b>		<b>3</b>
1, 2	04/09/2018	04/13/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	04/09/2018	04/13/2018	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	04/09/2018	04/13/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	04/09/2018	04/13/2018	IP 71124.04	Occupational Dose Assessment	
1, 2	04/09/2018	04/13/2018	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	04/09/2018	04/13/2018	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1, 2	04/09/2018	04/13/2018	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			<b>SGISI - UNIT 1 SG IN-SERVICE INSPECTION</b>		<b>1</b>
1	04/09/2018	04/13/2018	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>RP - RP OCCUPATIONAL - WEEK 2</b>		<b>2</b>
1, 2	04/30/2018	05/04/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	04/30/2018	05/04/2018	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	04/30/2018	05/04/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	04/30/2018	05/04/2018	IP 71124.04	Occupational Dose Assessment	
1, 2	04/30/2018	05/04/2018	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	04/30/2018	05/04/2018	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1, 2	04/30/2018	05/04/2018	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	

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

Enclosure

**Farley**  
**Inspection / Activity Plan**  
**08/01/2017 - 06/30/2019**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>TFPI - TRIENNIAL FIRE PROTECTION INSPECTION</b>		<b>8</b>
1, 2	07/16/2018	07/20/2018	IP 7111105X	Fire Protection - NFPA 805 (Triennial)	
1, 2	07/30/2018	08/03/2018	IP 7111105X	Fire Protection - NFPA 805 (Triennial)	
			<b>OL RQ - REQUAL INSPECTION</b>		<b>2</b>
1, 2	08/20/2018	08/24/2018	IP 7111111B	Licensed Operator Requalification Program	
			<b>EQI - DESIGN BASES ASSURANCE INSPECTION (PROG)</b>		<b>3</b>
1, 2	09/24/2018	09/28/2018	IP 7111121N	Design Bases Assurance Inspection (Programs)	
1, 2	10/15/2018	10/19/2018	IP 7111121N	Design Bases Assurance Inspection (Programs)	
1, 2	11/12/2018	11/16/2018	IP 7111121N	Design Bases Assurance Inspection (Programs)	
			<b>EP - EP EXERCISE</b>		<b>8</b>
1, 2	10/29/2018	11/02/2018	IP 7111401	Exercise Evaluation	
1, 2	10/29/2018	11/02/2018	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2	10/29/2018	11/02/2018	IP 71151-EP01	Drill/Exercise Performance	
1, 2	10/29/2018	11/02/2018	IP 71151-EP02	ERO Readiness	
1, 2	10/29/2018	11/02/2018	IP 71151-EP03	Alert & Notification System Reliability	
			<b>MODS - EVALUATIONS OF CHANGES, TESTS AND EXPERI</b>		<b>3</b>
1, 2	01/14/2019	01/18/2019	IP 7111117T	Evaluations of Changes, Tests, and Experiments	
			<b>EP - EP PROGRAM INSPECTION</b>		<b>3</b>
1, 2	04/08/2019	04/12/2019	IP 7111402	Alert and Notification System Testing	
1, 2	04/08/2019	04/12/2019	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	04/08/2019	04/12/2019	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2	04/08/2019	04/12/2019	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	04/08/2019	04/12/2019	IP 71151	Performance Indicator Verification	
			<b>ISI - UNIT 2 IN-SERVICE INSPECTION</b>		<b>1</b>
2	04/15/2019	04/19/2019	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>SGISI - UNIT 2 SG IN-SERVICE INSPECTION</b>		<b>1</b>
2	04/15/2019	04/19/2019	IP 7111108P	Inservice Inspection Activities - PWR	

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