



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

May 5, 2015

Mrs. Cheryl A. Gayheart
Vice President, Nuclear Plant Site
Southern Nuclear Operating Co., Inc.
Joseph M. Farley Nuclear Plant
7388 North State Highway 95
Columbia, AL 36319

**SUBJECT: FARLEY NUCLEAR PLANT - NOTIFICATION OF INSPECTION AND REQUEST
FOR INFORMATION**

Dear Mrs. Gayheart:

During the week of July 6 – 10, 2015, the U.S. Nuclear Regulatory Commission (NRC) will perform a baseline Radiation Safety Inspection at the Farley Nuclear Plant (NRC Inspection Procedures 71124.06, 71124.07, 71124.08, 71151, and Temporary Instruction 2800/041). In order to minimize the impact to your onsite resources and to ensure a productive inspection, we have enclosed a request for documents needed for this activity. The NRC requests that these documents be provided to the inspectors no later than June 17, 2015.

We have discussed the schedule for these inspection activities with your staff, and understand that our regulatory contact for this inspection will be Julie Collier. If there are any questions about this inspection or the material requested, please contact the lead inspector, Adam Nielsen at 404-997-4660, or the Plant Support Branch 1 Chief, Brian Bonser at 404-997-4653.

In accordance with Title 10 of the Code of Federal Regulations (10 CFR) 2.390, "Public inspections, exemptions, requests for withholding:" of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter, and its Enclosure, will be available electronically for public inspection in the NRC Public Document Room, or from the Publicly Available Records component of NRC's Agencywide Documents Access and Management System (ADAMS); accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

This letter does not contain new or amended information collection requirements subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). Existing information collection requirements were approved by the Office of Management and Budget under control numbers 3150-0008, 3150-0011, 3150-0014, 3150-0044, and 3150-0135. The NRC may not conduct or

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sponsor, and a person is not required to respond to, a request for information or an information collection requirement, unless the requesting document displays a currently valid Office of Management and Budget control number.

Sincerely,

/RA/

Brian R. Bonser, Chief
Plant Support Branch 1
Division of Reactor Safety

Docket Nos. 50-348 and 50-364
License Nos. NPF-2 and NPF-8

Enclosure:
Document Request List

cc: Distribution via Listserv

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Brian R. Bonser, Chief
Plant Support Branch 1
Division of Reactor Safety

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Enclosure:
Document Request List

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DISTRIBUTION:

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PUBLIC

☒ PUBLICLY AVAILABLE ☐ NON-PUBLICLY AVAILABLE ☐ SENSITIVE ☒ NON-SENSITIVE

ADAMS: ☒ Yes ACCESSION NUMBER: ML15125A457 ☒ SUNSI REVIEW COMPLETE ☒ FORM 665 ATTACHED

OFFICE	RII:DRS/PSB1	RII:DRS/PSB1					
SIGNATURE	ADN	BRB1					
NAME	A. Nielsen	B. Bonser					
DATE	5/ 4 /2015	5/ 5 /2015					
E-MAIL COPY	YES NO	YES NO					

OFFICIAL RECORD COPY

Document Request List

Inspection Dates: July 6 - 10, 2015

Documents Due to Region II by: June 17, 2015

Inspection Procedures (IPs):	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment
	IP 71124.07	Radiological Environmental Monitoring Program
	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation
	IP 71151	Performance Indicator Verification (Public Radiation Safety Cornerstone Only)
	TI 2800/041	10 CFR Part 37 Materials Security Review – At Facilities with a 10 CFR Part 73 Physical Protection Program

Lead Inspector: Adam Nielsen
Sr. Health Physicist
US NRC Region II
404-997-4660
Adam.Nielsen@nrc.gov

Note: The current version of these documents is expected unless specified otherwise. Electronic media is preferred if readily available. *[Note that the inspectors cannot accept data provided on USB or “flash” drives due to NRC IT security policies.]* Please organize the information as it is arranged below to the extent possible. Experience has shown that a poorly organized CD leads to a less efficient inspection, and places additional burden on licensee staff. Pay particular attention to the date ranges for the items requested as they may change from item to item. If there are questions regarding the documents requested, or if the documents cannot be provided by the due date, please do not hesitate to contact the lead inspector.

Miscellaneous

1. List of primary contacts for each inspection area w/phone numbers
2. Corrective action program procedure
3. Procedure for gathering and reporting NRC Performance Indicator data

71124.06 - Radioactive Gaseous and Liquid Effluent Treatment

1. Offsite Dose Calculation Manual (ODCM) and a list of changes made in the last revision.
2. List of permitted effluent release points, including any release points from onsite surface water bodies (as applicable).
3. Procedures for:
 - (a) collection, analysis, release, and dose evaluations for gaseous and liquid effluents
 - (b) groundwater-monitoring program
4. List of changes made to radioactive effluent processing/discharge systems since January 1, 2013.

Enclosure

5. List of any non-radioactive systems that have become contaminated since January 1, 2013.
6. Copies of any reports to the NRC (via 10 CFR 50.72 or other reporting requirements) regarding abnormal onsite spills/leaks of radioactive material since January 1, 2013.
7. List of 10 CFR 50.75(g) entries made since January 1, 2013.
8. List of liquid and gaseous effluent monitors listed as out-of-service (OOS) for > 1 day since January 1, 2013, including any special reports submitted to the NRC as a result of effluent monitor operability.
9. Most recent Inter-laboratory comparison program results (for onsite count lab).
10. The last two surveillance tests performed on the Unit 1 Penetration Room Filtration System.
11. The last two gaseous effluent release permits, and the last two liquid effluent release permits.
12. Recent results of the groundwater-monitoring program (last two quarters)
13. Most recent audit, self-assessment, and/or review of the radioactive effluent monitoring program.
14. List of Condition Reports (CRs) generated since January 1, 2013, as a result of gaseous and liquid effluent processing, and/or ODCM related activities. Include all CRs related to voluntary reporting of onsite spills/leaks of radioactive material (RAM). *[This should be a list of corrective action documents containing a CR number and brief description, not full CRs.]*

71124.07 - Radiological Environmental Monitoring Program

1. Collection schedule for Radiological Environmental Monitoring Program (REMP) samples during the week of inspection and contact numbers for collection staff.
2. Procedures for:
 - (a) collection and analysis of environmental samples
 - (b) calibration and maintenance of REMP air and/or water samplers
 - (c) calibration of meteorological monitoring instruments (wind speed & direction, air temperature, etc.)
 - (d) periodic meteorological instrumentation surveillance requirements
3. The last calibration record for REMP air and water sampling equipment (as applicable).
4. The last two calibration records for each meteorological monitoring instrument on the primary tower (wind speed, wind direction, and air temperature).
5. Most recent inter-laboratory comparison program results (environmental lab).
6. List of systems, structures, or components identified as credible mechanisms for the potential release of licensed material to the groundwater.
7. List of changes to the REMP (sample locations, sample frequency, type of samples, etc.) since January 1, 2013.
8. Most recent audit, self-assessment, and/or review of REMP activities.
9. Most recent audit of lab used to process REMP samples.
10. List of CRs generated as a result of REMP activities since January 1, 2013. *[This should be a list of corrective action documents containing an CR number and brief description, not full CRs.]*

71124.08 - Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation

1. All procedures related to transportation of RAM/waste, radwaste characterization, solid radwaste processing, and storage of RAM and radwaste.
2. Process Control Program.
3. Liquid and solid radwaste system diagrams and detailed system descriptions (e.g., information that might be contained in curricula for training new system engineers).

4. List of all shipments made since April 1, 2013 (shipping logs).
5. List of all changes made to solid and liquid radwaste processing systems since April 1, 2013.
6. List of all abandoned solid and liquid radwaste processing equipment.
7. Last two 10 CFR Part 61 analyses for each waste stream, including quality assurance (QA) data (e.g., in-house vs. vendor lab comparisons, current results vs. database, etc.).
8. Most recent self-assessment or audit of Shipping/radwaste processing and RAM storage programs.
9. List of CRs related to shipping, radwaste processing, or RAM storage since April 1, 2013. *[This should be a list of corrective action documents containing an CR number and brief description, not full CRs.]*
10. Training records for all individuals qualified to ship RAM/waste demonstrating the requirements of 49 CFR Part 172, Subpart H (HAZMAT training) have been met. *[Please redact any Personally Identifiable Information.]*

Technical Instruction 2800/041 – 10 CFR Part 37 (Health Physics portions only)

1. All procedures related to 10 CFR Part 37 compliance (storage of RAM, 10 CFR Part 37 Security Plan, etc.).*
2. List of all known locations of Category 1 and Category 2 material.
3. All supporting calculations for determination of whether an aggregation of RAM meets the definition of Category 1 or Category 2 (e.g., warehouse calculation)

*Please do not include Safeguards or Official Use Only information in the submittal. That information can be reviewed onsite.