



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

September 12, 2011

Mr. L. Mike Stinson
Vice President - Farley
Southern Nuclear Operating Company, Inc.
Farley Nuclear Plant
P.O. Drawer 470, BIN B500
Ashford, AL 36312

SUBJECT: RADIATION PROTECTION INSPECTION – FARLEY NUCLEAR PLANT

Dear Mr. Stinson:

On October 24 – 28, 2011, and December 12 – 16, 2011, the NRC will perform a baseline Radiation Safety Inspection at Farley Nuclear Plant, (NRC Inspection Procedures 71124.01, 71124.06, 71124.07, 71124.08, and Radiation Safety Sections of 71151). Experience has shown that this inspection is resource intensive both for the NRC inspectors and your staff. In order to minimize the impact to your on-site 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 October 14, 2011.

We have discussed the schedule for these inspection activities with your staff and understand that our regulatory contact for this inspection will be William Oldfield of your organization. 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 10 CFR 2.390 of the NRC's "Rules of Practice," 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 (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC web site at <http://www.nrc.gov>.

Sincerely,

/RA/ A. Nielsen for B. Bonser

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

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

Enclosure:
Document Request List

cc w/encl.: (See page 2)

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Distribution w/encl:

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L. Douglas, RII EICS (Linda Douglas)
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RidsNrrPMFarley Resource

X PUBLICLY AVAILABLE

☐ NON-PUBLICLY AVAILABLE

☐ SENSITIVE

X NON-SENSITIVE

ADAMS: X Yes ACCESSION NUMBER: ML112560614

X SUNSI REVIEW COMPLETE X FORM 665 ATTACHED

OFFICE	RII: DRS	RII: DRS					
SIGNATURE	RA	RA / AN For BB					
NAME	A. NIELSEN	B. BONSER					
DATE	09/09/2011	09/09/2011					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRSI\PSB1\INFORMATION REQUEST LETTERS\FARLEY\FAR_11-05-DOC REQU
REV 1X.DOCX

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Document Request List

Inspection Dates:	October 24 - 28, 2011 December 12 – 16, 2011
Inspection Procedures:	IP 71124.01 Radiological Hazard Assessment and Exposure Controls 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

Note: The current version of these documents is expected unless specified otherwise. Electronic media is preferred if readily available (The preferred file format is Word, WordPerfect, or searchable “.pdf” files on CDROM). *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. If there are questions regarding the documents requested, please do not hesitate to contact the lead inspector.

General Information Request

1. Plant Management, Radiation Protection, and Chemistry organizational charts w/ contact numbers.
2. Electronic copy of relevant UFSAR chapters (e.g. site description, radwaste program, and radiation protection).
3. Corrective Action Program procedures.
4. Procedures for gathering and reporting NRC Performance Indicator data.

71124.01 - Radiological Hazard Assessment and Exposure Controls

1. List of active RWPs.
2. Latest survey of all Locked HRAs and VHRAs (as applicable).
3. Latest survey of ISFSI areas.
4. Procedures related to HP controls (e.g. Posting, labeling, surveys, RWPs, contamination control, HRA/LHRA/VHRA control, key control, control of divers, special controls during fuel offload, hot spots, alpha monitoring, etc.).
5. Procedures related to release of personnel and materials (e.g. release surveys, decontamination, guidance for alarm followup, etc.).
6. List of Nationally Tracked Sources and any change-of-ownership transactions.
7. List of all non-fuel items stored in spent fuel pool.
8. All self-assessments and audits covering HP controls since November 2010.
9. LIST of CRs related to HP controls written since November 2010. *This should be a list of corrective action documents containing a CR number and brief description, not full CRs.*

Enclosure

71124.06 - Radioactive Gaseous and Liquid Effluent Treatment

1. 2009 and 2010 Annual Radioactive Effluent Reports.
2. Offsite Dose Calculation Manual (ODCM) and a list of changes made since the last revision.
3. Procedures for:
 - a) collection, analysis, release and dose evaluations for gaseous and liquid effluents
 - b) groundwater monitoring program
 - c) determination of rad monitor set-points for main plant gaseous and liquid effluent discharge pathways
4. List of changes made to radioactive effluent processing systems since August 2009.
5. List of any non-radioactive systems that have become contaminated since August 2009.
6. List of any unmonitored, unplanned, or otherwise abnormal gaseous or liquid releases since August 2009.
7. List of 10 CFR 50.75(g) entries made since August 2009.
8. List of liquid and gaseous effluent monitors listed as out-of-service (OOS) since August 2009.
9. Groundwater monitoring results since August 2009.
10. Inter-laboratory comparison program results (for onsite count lab) since August 2009.
11. Results of last 2 filtration system (HEPA/Charcoal) surveillances for each gaseous effluent pathway (as applicable).
12. All audits, self-assessments, and/or reviews of the radioactive effluent monitoring program since August 2009. Include any reviews conducted of vendor activities and their facilities, as applicable.
13. List of CRs generated since August 2009, as a result of gaseous and liquid effluent processing and/or ODCM related activities. *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 (REMP)

1. 2009 and 2010 Annual Radiological Environmental Operating Reports.
2. 2009 and 2010, Annual Meteorological Reports.
3. 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
4. Calibration records for REMP air and water sampling equipment (as applicable) since August 2009.
5. Last 2 calibration records for each meteorological monitoring instrument on the primary tower (wind speed, wind direction, and air temperature).
6. Inter-laboratory comparison program results (environmental lab) since August 2009.
7. Copies of all audits, self-assessments, and/or reviews of REMP activities. The data should include any reviews conducted of vendor activities and their facilities (e.g. environmental lab).
8. List of systems, structures, or components (SSCs), identified as credible mechanism(s) having the potential for release of licensed material to the groundwater environs.
9. List of changes to the REMP (sample locations, sample frequency, type of samples, etc.) since August 2009.

10. List of CRs generated as a result of REMP activities since August 2009. *This should be a list of corrective action documents containing a 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 radioactive material/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 August 2009, (shipping logs).
5. List of all changes made to solid and liquid radwaste processing systems since August 2009.
6. List of all permanently abandoned solid and liquid radwaste processing equipment.
7. Last two 10 CFR Part 61 analyses for each waste stream, including RADMAN QA data (e.g. in-house vs. vendor lab comparisons, current results vs. database, etc.).
8. List of CRs related to shipping, radwaste processing, or RAM storage since August 2009. *This should be a list of corrective action documents containing a CR number and brief description, not full CRs.*
9. Most recent self-assessment or audit of Shipping/radwaste processing and RAM storage programs.
10. Training records for all individuals qualified to ship radioactive material/waste demonstrating the requirements of 49 CFR 172 Subpart H (HAZMAT training) have been met. *This information can be reviewed onsite rather than included with the submittal because it may contain Personally Identifiable Information.*