



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

May 29, 2012

Mr. Dennis R. Madison
Vice President
Southern Nuclear Operating Company, Inc.
Edwin I. Hatch Nuclear Plant
11028 Hatch Parkway North
Baxley, GA 31513

SUBJECT: RADIATION PROTECTION INSPECTION – HATCH NUCLEAR PLANT

Dear Mr. Madison:

During the week of July 16 – 20, 2012, the NRC will perform a baseline Radiation Safety Inspection at Hatch Nuclear Plant, (NRC Inspection Procedures 71124.06, 71124.07, 71124.08, and Radiation Safety Sections of 71151). 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 July 2, 2012.

We have discussed the schedule for these inspection activities with your staff and understand that our regulatory contact for this inspection will be Steve Tipps of your organization. The NRC requests that knowledgeable staff be made available to answer questions and otherwise provide support for the onsite inspection activities. 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>.

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 number 3150-0011. The NRC may not conduct or 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: G. Kuzo for/

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

Docket No.: 50-321/366
License No.: DPR-57/NPF-5

Enclosure: Document Request List

(cc w/encl cont'd – See page 3)

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

Docket No.: 50-321/366
License No.: DPR-57/NPF-5

Enclosure: Document Request List

(cc w/encl cont'd – See page 3)

PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE NON-SENSITIVE
ADAMS: Yes ACCESSION NUMBER: _ML121510301_____ SUNSI REVIEW COMPLETE FORM 665 ATTACHED

OFFICE	RII:DRS						
SIGNATURE	RA						
NAME	BONSER						
DATE	5/29/2012						
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

cc w/encl:

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Letter to Dennis R. Madison from Brian R. Bonser dated May 29, 2012.

SUBJECT: RADIATION PROTECTION INSPECTION – HATCH NUCLEAR PLANT

Distribution w/encl:

RIDSNRRDIRS

PUBLIC

RidsNrrPMHatch Resource

Document Request List

Inspection Dates:	July 16 – 20, 2012
Inspection Procedures:	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. List of primary contacts for each inspection area w/phone numbers
2. Electronic copy of relevant UFSAR chapters (e.g. site description and meteorology, radwaste processing, effluent monitoring)
3. Corrective Action Program procedures

71124.06 - Radioactive Gaseous and Liquid Effluent Treatment

1. 2010 and 2011 Annual Radioactive Effluent Reports
2. Offsite Dose Calculation Manual (ODCM) and a list of changes made in the last revision
3. List of permitted effluent release points, including any release points from onsite surface water bodies (as applicable)
4. Procedures for:
 - a) collection, analysis, release and dose evaluations for gaseous and liquid effluents
 - b) groundwater monitoring program
5. List of changes made to radioactive effluent processing/discharge systems since January 2010
6. List of any non-radioactive systems that have become contaminated since January 2010
7. List of any unmonitored, unplanned, or otherwise abnormal gaseous or liquid releases since January 2010. Include copies of any reports to the NRC (via 10CFR50.72 or other reporting requirements) regarding abnormal onsite spills/leaks of radioactive material
8. List of 10 CFR 50.75(g) entries made since January 2010
9. List of liquid and gaseous effluent monitors listed as out-of-service (OOS) for > 1 day since January 2010, including any special reports submitted to the NRC as a result of effluent monitor operability
10. Groundwater monitoring results since January 1, 2012 (results prior to this should be in Annual Effluent and/or REMP reports requested elsewhere)
11. Inter-laboratory comparison program results (for onsite count lab) since January 2010

Enclosure

12. Results of last 2 surveillance tests performed on the Standby Gas Treatment System filtration systems (last 2 for each train)
13. The last 2 gaseous effluent release permits and the last 2 liquid effluent release permits
14. All audits, self-assessments, and/or reviews of the radioactive effluent monitoring program since January 2010
15. List of CRs generated since January 2010, 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. *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. 2010 and 2011 Annual Radiological Environmental Operating Reports
2. 2010 and 2011 Annual Meteorological Reports (if available)
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 January 2010
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 January 2010
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 January 2010
10. List of CRs generated as a result of REMP activities since January 2010. *This should be a list of corrective action documents containing a CR number and brief description, not full CRs*
11. All corrective action documents related to the Groundwater Protection Initiative deficiency identified in Inspection Report 2010-003, Section 4OA5 (Temporary Instruction 2515/173 "Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative")

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 April 2011 (shipping logs)
5. List of all changes made to solid and liquid radwaste processing systems since April 2011
6. List of all abandoned solid and liquid radwaste processing equipment
7. Last two 10 CFR Part 61 analyses for each waste stream, including 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 April 2011. *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*

71151 – Performance Indicator Verification

1. Procedures for gathering and reporting NRC Performance Indicator data
2. List of all ED dose rate alarms > 1R/hr since April 2011
3. List of all ED dose alarms since April 2011
4. List of CRs related to potential Occupational Cornerstone PI issues