



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

July 26, 2006

Southern Nuclear Operating Company, Inc.
ATTN: Mr. D. E. Grissette, Vice President
P. O. Box 1295
Birmingham, AL 35201-1295

SUBJECT: RADIATION PROTECTION INSPECTION - ALVIN W. VOGTLE NUCLEAR
PLANT

Dear Mr. Grissette:

On September 18 - 22, and October 2 - 6, 2006, the NRC will perform the baseline Occupational Radiation Safety Inspection at the Alvin W. Vogtle Nuclear Plant, (NRC Inspection Procedures 71121.01, 71121.02, and 71122.02 and Radiation Safety Sections of 711551). 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 inspection. It is important that all of these documents are up to date and complete, in order to minimize the number of additional documents requested during the preparation and/or the onsite portions of the inspection. The lead inspector has scheduled a two-day preinspection visit with your staff for August 28 - 29, 2006. The material requested will be reviewed and collected at that time.

We have discussed the schedule for these inspection activities with your staff and understand that our regulatory contact for this inspection will be William Copeland of your organization. If there are any questions about this inspection or the material requested, please contact the lead inspector, Adam Nielsen, at (404) 562-4660, or the Plant Support Branch 1 Chief, Robert Haag, at (404) 562-4607.

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/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA: George Kuzo for/

Robert C. Haag, Chief
Plant Support Branch 1
Division of Reactor Safety

Docket No.: 50-424, 50-425
License No.: NPF-68, NPF-81

Enclosure: (See next page)

Enclosure: Document Request List

cc w/encl:

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(cc w/encl cont'd - See page 3)

SNC

3

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Document Request List

Information Pre-Inspection Visit: August 28 - 29, 2006

Inspection Dates: September 18 - 22 and October 2 - 6, 2006

Inspection Procedures:

IP 71121.01	Access Control To Radiologically Significant Areas
IP 71121.02	ALARA Planning and Controls
IP 71122.02	Radioactive Material Processing and Transportation
IP 711551	Performance Indicator Verification

Note: This is a list of the documents the lead NRC inspector will obtain during the pre-inspection visit. 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). The lead inspector will discuss specific information needs with the licensee staff and may request additional documents. The lead inspector is also the primary contact for questions regarding the documents requested.

Miscellaneous

1. Current organization chart for HP/Chemistry/Radwaste/Shipping with contact numbers.
2. Corrective action program procedure.
3. Outage schedule of major activities (Gantt chart if available).
4. HP Manual.

Access Controls

5. Plant maps of all Locked HRAs and VHRAs.
6. Procedures related to HP/access controls, e.g.
(Posting, labeling, surveys, RWPs, contamination control, dosimetry, multi-dosimetry, key control, control of divers, controls during fuel offload, etc.)
7. List of all non-fuel items stored in spent fuel pool (both units).
8. Internal dose assessments for intakes where dose was assigned since September 2005.
9. Documentation associated with any skin contaminations > 1 Rem SDE, since September 2005.
10. Most recent self-assessment or audit of access control program.
11. LIST of CRs related to access controls (including poor radworker or HP tech performance) issued since September 2005.

ALARA

12. All procedures related to HP/ALARA not listed above (e.g. declared pregnant worker, shielding, etc.).
13. All procedures related to crudburst & cleanup.
14. ALARA manual (or equivalent high-level procedure).
15. List of top 5 dose jobs for refueling outage and ALARA planning packages if available.
16. Crudburst & cleanup trending point data from previous outage (dose rates and cobalt concentration). Data should be from the same unit as the current outage.

Enclosure

17. Source term reduction program guidance, including cobalt reduction.
18. LIST of CRs related to ALARA since April 2004. Note: you don't need to duplicate any CRs that overlap with access controls.
19. Most recent self-assessment or audit of ALARA program.

Shipping & Radwaste

20. All procedures related to transportation and solid radwaste processing.
21. Current PCP.
22. List of all shipments made since April 2004.
23. List of all changes made to solid and liquid radwaste processing systems since April 2004.
24. List of all permanently abandoned solid and liquid radwaste processing equipment.
25. Last two 10 CFR Part 61 analyses for each waste stream.
26. List of CRs related to shipping or radwaste since April 2004.
27. Most recent self-assessment or audit of Shipping/radwaste processing program.

PI Verification (occupational and public cornerstones)

28. Procedure for gathering and reporting PI data.
29. List of all CRs since September 2005 using keywords: HRA, LHRA, VHRA, unintended dose, unlocked door, offsite dose, ODCM, etc. Again, you don't need to duplicate any CRs from above.
30. Monthly PI reports since September 2005.
31. List of all dose rate alarms >1R/hr since September 2005.
32. List of all dose alarms since September 2005.
33. All final release point effluent monitor out-of-service dates since September 2005.
34. Most recent gaseous and liquid effluent release permits.
35. 2005 Annual Effluent Report.

Lead Inspector Contact Information:

Adam Nielsen, CHP
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adn@nrc.gov

Mailing Address

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61 Forsyth Street, SW
Suite 23T85
Atlanta, GA 30303-3415

Enclosure

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Robert C. Haag, Chief
Plant Support Branch 1
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(*) - SEE PREVIOUS PAGE FOR CONCURRENCES

☒ PUBLICLY AVAILABLE

☐ NON-PUBLICLY AVAILABLE

☐ SENSITIVE

☒ NON-SENSITIVE

ADAMS: ☒ Yes ACCESSION NUMBER: _____

OFFICE	RII:DRS	RII:DRS	RII:DRP				
SIGNATURE	RA	RA	RA				
NAME	R. Haag	A. Nielsen	S. Schaffer				
DATE	7/26 /06	7/25/06	7/25/06				
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY

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