UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

May 31, 2007

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

SUBJECT: ALVIN W. VOGTLE NUCLEAR PLANT - NOTIFICATION OF INSPECTION AND REQUEST FOR INFORMATION

Dear Mr. Tynan:

On August 20-24, 2007, the NRC will perform the baseline Occupational Radiation Safety Inspection at the Alvin W. Vogtle Nuclear Plant, (NRC Inspection Procedures 71121.01, 71121.03, 71122.01, and 71122.03 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 July 17-18, 2007. 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 Mr. William Copeland of your organization. If there are any questions about this inspection or the material requested, please contact the lead inspector, José M. Díaz Vélez, at (404) 562-4736, or the Plant Support Branch 1 Chief, Brian R. Bonser, at (404) 562-4653.

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

Sincerely,

/RA/

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

Docket Nos.: 50-424, 50-425
License Nos.: NPF-68, NPF-81

Enclosure: (See next page)

Enclosure: Public Radiation Protection Inspection Document Request List

cc w/encl:
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Sincerely,

/RA/

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

Docket Nos.: 50-424, 50-425
License Nos.: NPF-68, NPF-81

Enclosure: (See next page)

(*) - SEE PREVIOUS PAGE FOR CONCURRENCE

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

ADAMS: ☐ Yes ACCESSION NUMBER:_____

OFFICE	RII:DRS	RII:DRP					
SIGNATURE	RA	RA					
NAME	DIAZ	SHAEFFER					
DATE	5/30/2007	5/30/2007	6/ /2007	6/ /2007	6/ /2007	6/ /2007	6/ /2007
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: C:\FileNet\ML071510624.wpd

Document Request List

Information Pre-Inspection Visit:	July 17-18, 2007	
Inspection Dates:	August 20-24, 2007	
Inspection Procedures:	IP 71121.01	Access Control To Radiologically Significant Areas
	IP 71121.03	Radiation Monitoring Instrumentation and Protective Equipment
	IP 71122.01	Radioactive Gases and Liquid Effluent Treatment and Monitoring Program
	IP 71122.03	Radiological Environmental Monitoring Program (REMP) and Radioactive Material Control Program
	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 Microsoft Word (.doc or .rtf), WordPerfect (.wpd), or searchable Adobe Acrobat (.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 with contact numbers.
2. Corrective action program procedure.
3. HP Manual.
4. List of radiation protection procedures

Access Controls

6. Plant maps of all Locked HRAs and VHRAs.
7. 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.)
8. List of all non-fuel items stored in spent fuel pool (both units).
9. Internal dose assessments for intakes where dose was assigned since September 2005.
10. Documentation associated with any skin contaminations > 1 Rem SDE, since September 2005.
11. Audits or Self-Assessments since September 2005 in the areas of access controls.
12. LIST of CRs related to access controls (including poor radworker or HP tech performance) issued since September 2005.

Radiation Monitoring Instrumentation and Respiratory Protective Equipment

13. Procedures for source check and calibration of portable instruments and Whole Body Counters
14. Procedures for use and maintenance of respiratory protective equipment
15. All records of grade D air certification for supplied air system and SCBA filling equipment, since September 2005
16. SCBA training records for:
    i. Vendor training certificates for all individuals qualified to repair SCBA
    ii. List of all licensed operators qualified to use SCBA (include the mask size they are fitted for and if spectacles are required)
    iii. List of all maintenance personnel qualified to use SCBA, and
    iv. List of all HP personnel qualified to use SCBA
17. Last two calibration records for the Refuel floor area monitors, stack monitors, radwaste area monitors, CHARMS for both Units, and whole body counter
18. Documents that allow elimination of PASS (TS amendment, etc.)
19. List of CRs since September 2005 in the areas of instrumentation and SCBA
20. Audits or Self-Assessments since September 2005 in the areas of instrumentation and SCBA

Radioactive Gases and Liquid Effluent Treatment and Monitoring Program

21. 2005 & 2006 Annual Effluent Reports
22. Most current ODCM
23. All procedures related to effluent sampling and release as well as the days of the week of when the sample runs are conducted
24. All procedures related to count room QA/QC
25. List of all changes made to liquid and gaseous radioactive waste processing systems since September 2005
26. Records of instrument calibrations performed since the last inspection for each point of discharge effluent radiation monitor and flow measurement device
27. Calibration records and quality of radiation measurement (i.e., counting room) instrumentation associated with effluent monitoring and release activities
28. Most recent effluent release permits for:
    i. Continuous gaseous
    ii. Batch gaseous
    iii. Continuous liquid, and
    iv. Batch liquid
29. 2005, 2006 & 2007 Year-to-date Countroom Interlaboratory Crosscheck Results
30. List of all OOS effluent monitors and OOS durations since September 2005
31. List of CRs since September 2005 in the area of effluents and effluent monitors
32. Audits and Self-Assessments since September 2005 in the area of effluents and effluent monitors

REMP and Radioactive Material Control Program

33. 2005 & 2006 Annual Environmental Radiological Operating Reports
34. Most recent 10 CFR Part 61 Analysis for DAW waste stream
35. 2005, 2006 & 2007 Year-to-date Environmental Laboratory Interlab Crosscheck Results
36. Most recent independent audit of Environmental Laboratory
37. List of air samplers and composite water samplers (will obtain calibration and maintenance records at time of inspection for those selected for review)
38. Results of onsite groundwater monitoring wells since September 2005
39. Documentation of any radwaste line breaks or leaks, as well as any above ground spills in the site yard area
40. List of CRs since September 2005 in the areas of radioactive material control, environmental monitoring, tritium control, and met tower
41. Audits and Self-Assessments since September 2005 in the areas of radioactive material control, environmental monitoring, tritium control, and met tower

PI Verification (occupational and public cornerstones)

42. Procedure for gathering and reporting PI data.
43. List of all CRs since September 2005 using keywords: HRA, LHRA, VHRA, unintended dose, unlocked door, offsite dose, ODCM, etc.
44. Monthly PI reports since September 2005.
45. List of all dose rate alarms >1R/hr since September 2005.
46. List of all dose alarms since September 2005.
47. All final release point effluent monitor out-of-service dates since September 2005.
48. Most recent gaseous and liquid effluent release permits.
49. 2005 and 2006 Annual Effluent Reports.
50. Copies of corrective action reports for Occupational Exposure Control Effectiveness and RETS/ODCM Radiological Effluent Occurrences that were reviewed for inclusion in the performance indicator reporting.

Lead Inspector Contact Information:
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