



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

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

May 4, 2006

Duke Energy Corporation  
ATTN: Mr. Bruce H. Hamilton  
Vice President  
Oconee Site  
7800 Rochester Highway  
Seneca, SC 29672

SUBJECT: OCONEE NUCLEAR STATION, NOTIFICATION OF INSPECTION AND  
REQUEST FOR INFORMATION

Dear Mr. Hamilton:

On June 19 - 23, 2006, the NRC will perform the baseline Public Radiation Safety Inspection at the Oconee Nuclear Station, (NRC Inspection Procedures 71121.01, 71121.03, 71122.01, 71122.03, and Radiation Safety Sections of 711551 and 60855.1). 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 May 25 - 26, 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 Judy Smith of your organization. If there are any questions about this inspection or the material requested, please contact the lead inspector, N. Jeff Griffis at (404) 562-4737.

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/

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

Dockets No. 50-269, 270, and 287  
License No. DPR-38, 47, and 55

Enclosure: (See page 2)

DEC

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Enclosure: Public Radiation Protection Inspection Document Request

cc w/encl:

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

DEC

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(cc w/encl cont'd)

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PUBLIC

## PUBLIC RADIATION PROTECTION INSPECTION DOCUMENT REQUEST

Information Gathering Visit: May 25 - 26, 2006

Inspection Dates: June 19 - 23, 2006

Inspection Procedures:	IP 71121.01	Access Control To Radiologically Significant Areas
	IP 71121.03	Radiation Monitoring Instrumentation
	IP 71122.01	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems
	IP 71122.03	Radiological Environmental Monitoring Program
	IP 711551	Performance Indicator Verification
	IP 60855.1	Operation of an ISFSI at Operating Plants

**Note:** This is a broad list of the documents the lead NRC inspector will be interested in reviewing and obtaining during the preinspection 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. Please provide 4 copies of each CDROM that is submitted.) Information in the "document lists" should contain enough information to be easily understood by someone who has a knowledge of the subject. The lead inspector will discuss specific information needs with the licensee staff and may request additional documents.

### Miscellaneous

1. Current organization chart for HP, Chemistry, and Environmental/Meteorological groups with contact numbers
2. Corrective action program procedure
3. Containment/Aux Building Elevation maps

### Access Controls

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

Enclosure

Instrumentation

1. Procedures for source check and calibration of portable instruments and Whole Body Counter
2. Procedures for use and maintenance of respiratory protective equipment
3. All records of grade D air certification for supplied air system and SCBA filling equipment, since September 2004
4. SCBA training records
  - 4a. Vendor training certificates for all individuals qualified to repair SCBA
  - 4b. List of all licensed operators qualified to use SCBA
  - 4c. List of all maintenance personnel qualified to use SCBA
  - 4d. List of all HP personnel qualified to use SCBA
5. Last two calibration records for each of the following:
  - 5a. 1RIA-58, Reactor Building/Penetration Room
  - 5b. RIA-39 (control room ventilation monitor)
  - 5c. Whole Body Counter
6. Documents that allow elimination of PASS (TS amendment, etc.), if applicable
7. List of PIPs since September 2004 in the areas of instrumentation and SCBA
8. Audits or Self-Assessments since September 2004 in the areas of instrumentation and SCBA

Effluents

1. 2004 & 2005 Annual Effluent Reports
2. Most current ODCM
3. All procedures related to effluent sampling and release
4. All procedures related to countroom QA/QC
5. List of all changes made to liquid and gaseous radioactive waste processing systems since September 2004
6. Last two calibration records for each of the following:
  - 6a. RIA-33, (liquid effluent monitor)
  - 6b. RIA-37 and RIA-38 (gaseous effluent monitors)
7. Last two functional checks for each of the following:
  - 7a. RIA-37 and RIA-38
8. Most recent effluent release permits:
  - 8a. Continuous gaseous
  - 8b. Batch gaseous
  - 8c. Continuous liquid
  - 8d. Batch liquid
9. 2005 & 2006 Year-to-date Countroom Interlaboratory Crosscheck Results
10. All calibration records since September 2004 for the following:
  - 10a. Germanium detector No.1
  - 10b. Liquid Scintillation detector No.1
11. List of all OOS effluent monitors and OOS durations since September 2004
12. List of PIPs since September 2004 in the area of effluents and effluent monitors
13. Audits and Self-Assessments since September 2004 in the area of effluents and effluent monitors

Enclosure

REMP

1. 2004 & 2005 Annual Environmental Radiological Operating Reports
2. Most recent 10 CFR Part 61 Analysis for DAW waste stream
3. 2005 & 2006 Year-to-date Environmental Laboratory Interlab Crosscheck Results
4. Most recent independent audit of Environmental Laboratory
5. Last two calibration records for each of the following:
  - 5a. SAM No. 1
  - 5b. Portal Monitor No. 1
  - 5c. PCM No. 1
  - 5d. Primary Meteorological Tower wind direction instruments.
  - 5e. Primary Meteorological Tower temperature elements.
  - 5f. Environmental Air Sampler at Sampling Location # 078, Recreation Site
  - 5g. Environmental Water Sampler at Sampling Location # 062 C, Lake Keowee Hydro Intake
6. Results of onsite groundwater monitoring wells since September 2004
7. Documentation of any radwaste line breaks or leaks, as well as any above ground spills in the site yard area
8. List of PIPs since September 2004 in the areas of radioactive material control, environmental monitoring, tritium control, met tower
9. Audits and Self-Assessments since September 2004 in the areas of radioactive material control, environmental monitoring, tritium control, and met tower

PI Verification (Public and Occupational Radiation Safety Cornerstones)

1. Procedure for gathering and reporting PI data
2. Monthly PI reports since October 2005
3. List of all PIPs since October 2005 using keywords: HRA, LHRA, VHRA, unintended dose, unlocked door, offsite dose, ODCM, etc. You don't need to duplicate any PIPs from above.
4. List of all dose rate alarms >1R/hr since October 2005.
5. List of all dose alarms since October 2005.
6. All final release point effluent monitor out-of-service dates since October 2005.
7. Most recent gaseous and liquid effluent release permits.
8. 2005 Annual Effluent Report or final release permits for December 2005 showing cumulative doses for calendar year 2005 (if annual report is not available yet).

ISFSI

1. Certificate of Compliance (and associated Technical Specifications) for Dry Casks used with ISFSI
2. Procedures for ISFSI HP controls
3. List of PIPs since October 2005 dealing with ISFSI operation
4. Last two surveys of the ISFSI area
5. Most recent perimeter fence TLD results

Inspector(s) Contact Information:

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PUBLICLY AVAILABLE       NON-PUBLICLY AVAILABLE       SENSITIVE       NON-SENSITIVE  
ADAMS:  Yes      ACCESSION NUMBER: \_\_\_\_\_

OFFICE	RII:DRS	RII:DRP				
SIGNATURE	RA	RA				
NAME	NJGriffis	DCPayne				
DATE	5/ 3 /2006	5/ 4/2006				
E-MAIL COPY?	YES      NO					

OFFICIAL RECORD COPY      DOCUMENT NAME: E:\Filenet\ML061650375.wpd

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