



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

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

May 31, 2006

Carolina Power & Light Company  
ATTN: Mr. T. D. Walt  
Vice President  
H. B. Robinson Steam Electric Plant Unit 2  
3581 West Entrance Road  
Hartsville, SC 29550

SUBJECT: H. B. ROBINSON STEAM ELECTRIC PLANT UNIT 2, NOTIFICATION OF  
INSPECTION AND REQUEST FOR INFORMATION

Dear Mr. Walt:

On June 26 - 30, 2006, the NRC will perform the baseline Occupational Radiation Safety Inspection at the H. B. Robinson Steam Electric Plant Unit 2, (NRC Inspection Procedures 71121.01, 71121.02, 71122.02, and Radiation Safety Sections of 71151 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 determined that with the relatively recent radiation safety inspection at the plant site that a preinspection visit is unwarranted and that the requested documents can be transmitted by mailing a compact disk.

We have discussed the schedule for these inspection activities with your staff and understand that our regulatory contact for this inspection will be Garrett Sanders of your organization. If there are any questions about this inspection or the material requested, please contact the lead inspector, Ruben K. Hamilton at (404) 562-4672.

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

Docket No. 50-261  
License No. DPR-23

Enclosure: Occupational Radiation Protection Inspection Document Request

cc w/encl:

William G. Noll  
Director, Site Operations  
Carolina Power & Light Company  
H. B. Robinson Steam Electric Plant  
Electronic Mail Distribution

Daniel G. Stoddard  
Plant General Manager  
Carolina Power & Light Company  
H. B. Robinson Steam Electric Plant  
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Chris L. Burton, Manager  
Performance Evaluation and  
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Electronic Mail Distribution

C. T. Baucom, Supervisor  
Licensing/Regulatory Programs  
Carolina Power & Light Company  
H. B. Robinson Steam Electric Plant  
Electronic Mail Distribution

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

(cc w/encl cont'd)

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H. B. Robinson Steam Electric Plant  
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(cc w/encl cont'd - See page 4)

CP&L

4

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Public Service Commission  
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Columbia, SC 29211

Distribution w/encl:  
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PUBLIC

## PUBLIC RADIATION PROTECTION INSPECTION DOCUMENT REQUEST

Inspection Dates: June 26 - 30, 2006

Inspection Procedures: IP 71121.01 Access Control To Radiologically Significant Areas  
IP 71121.02 ALARA Planning  
IP 71122.02 Transportation  
IP 71151 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 obtaining and reviewing. 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.

### Miscellaneous

1. Current organization chart for HP/Chemistry/Radwaste/Shipping with contact numbers.
2. Corrective action program procedure.
3. Auxiliary Building Elevation maps.
4. Radiation Protection Conduct of Operations or other Overarching Program Description Procedure.

### Access Controls

1. List of all Locked HRAs and VHRAs and plant maps that show their location.
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.
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 NCRs related to access controls (including poor radworker or HP tech performance) issued since October 2005.

### ALARA

1. All procedures related to HP/ ALARA not listed above (e.g. declared pregnant worker, shielding, etc.).
2. All procedures related to shutdown primary chemistry in particular those that deal with crudburst and subsequent cleanup.
3. ALARA manual (or equivalent high-level procedure).

Enclosure

4. List of top 5 dose jobs for last refueling outage and ALARA planning packages to include post job reviews if available.
5. Crud burst and cleanup trending point data from previous 2 refueling outages (dose rates and cobalt concentration).
6. Source term reduction program guidance, including cobalt reduction.
7. List of NCRs related to ALARA since October 2005. Note: you don't need to duplicate any NCRs that overlap with access controls.
8. Most recent self-assessments or audits of ALARA program.

#### Transportation

1. All procedures related to transportation and solid radwaste processing.
2. Current PCP
3. List of all shipments made since May 2004
4. List of all changes made to solid and liquid radwaste processing systems since May 2004
5. List of all permanently abandoned solid and liquid radwaste processing equipment.
6. Last two 10 CFR 61 analyses for all waste streams
7. List of NCRs related to shipping or radwaste since May 2004
8. Most recent self-assessment or audits of Shipping/ radwaste processing program.

#### 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 NCRs since March 2005 using keywords: HRA, LHRA, VHRA, unintended dose, unlocked door, offsite dose, ODCM, etc. You don't need to duplicate any NCRs 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.

#### ISFSI

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

Lead Inspector Contact Information:

Ruben K. Hamilton  
Senior Health Physicist  
(404) 562-4672  
[rkh1@nrc.gov](mailto:rkh1@nrc.gov)

Mailing Address

US NRC Region II  
ATTN: Ruben K. Hamilton  
61 Forsyth Street, S.W.  
Suite 23T85  
Atlanta, GA 30303

Enclosure

(ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

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Robert C. Haag, Chief  
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**(\*) - SEE PREVIOUS PAGE FOR CONCURRENCES**

PUBLICLY AVAILABLE       NON-PUBLICLY AVAILABLE       SENSITIVE       NON-SENSITIVE

ADAMS:  Yes      ACCESSION NUMBER: \_\_\_\_\_

OFFICE	R II:DRS	R II:DRP	R II:DRS				
SIGNATURE	RA	RA	RA				
NAME	RHAMILTON	PFREDRICKSON	RHAAG				
DATE	5/30/2006	5/30/2006	5/31/2006	1/ /2008	1/ /2008	1/ /2008	1/ /2008
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO