



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

January 20, 2017

Ernie Kapopoulos  
Site Vice President  
H.B. Robinson Steam Electric Plant  
Duke Energy  
3581 West Entrance Road, RNPA01  
Hartsville, SC 29550

SUBJECT: H.B. ROBINSON NUCLEAR PLANT - NOTIFICATION OF INSPECTION AND  
REQUEST FOR INFORMATION

Dear Mr. Kapopoulos:

During the week of March 6 - 10, 2017, the U.S. Nuclear Regulatory Commission (NRC) will perform a baseline Radiation Safety Inspection at the Robinson Nuclear Plant (NRC Inspection Procedure 71124.01, Radiological Hazard Assessment and Exposure Controls). In order to minimize the impact to your onsite 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 February 13, 2017.

We have discussed the schedule for these inspection activities with your staff, and understand that our regulatory contact for this inspection will be Ms. Christine Caudell (843) 857-1395 of your organization. If there are any questions about this inspection or the material requested, please contact the lead inspector, Carmen Dykes at (404) 997-4401, or the Chief of Plant Support Branch 1, Brian Bonser at (404) 997-4653.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public inspections, exemptions, requests for withholding" of the NRC's "Agency Rules of Practice and Procedure," 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 component of NRC's Agencywide Documents Access and Management System (ADAMS); accessible from the NRC web site at <http://www.nrc.gov/reading-rm/adams.html>.

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 numbers,

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Sincerely,

*/RA/*

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

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

Enclosure:  
Pre-Inspection Document Request

cc: Distribution via Listserv

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Sincerely,

**/RA/**

Brian R. Bonser, Chief  
 Plant Support Branch 1  
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## Pre-Inspection Document Request

### Occupational and Public Radiation Safety Cornerstone

Inspection Dates: March 6 – 10, 2017

Documents Due to Region II by: February 13, 2017

Licensee: H.B. Robinson Nuclear Plant

Docket Number: 05000261

Inspection Procedure: IP 71124.01 Radiological Hazard Assessment and Exposure Controls

Lead Inspector: Carmen Dykes, Health Physicist

**Note:** The current version of these documents is expected unless specified otherwise. Electronic media is preferred if readily available. *[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. Pay particular attention to the date ranges for the items requested as they may change from item to item. If there are questions regarding the documents requested, or if the documents cannot be provided by the due date, please do not hesitate to contact the lead inspector, Carmen Dykes at (404) 997-4401.

### Miscellaneous

1. List of primary contacts for each inspection area including names and telephone numbers
2. Plant Management, Radiation Protection, and Chemistry organizational charts w/ contact numbers.
3. List of radiation protection procedures, including title and number.
4. Corrective action program (CAP) procedures

### 71124.01 - Radiological Hazard Assessment and Exposure Controls

1. List of active Radiation Work Permits (RWPs), including their administrative limits, electronic dosimeter dose rate limit, and dose limit. This list should include associated outage RWPs as well.
2. Timeline of major outage activities (e.g., Gantt chart or similar list).
3. List of locations, or plant maps indicating the location, of all LHRAs and VHRAs. Include areas with the potential to become a LHRA during routine operations or outages.
4. Most recent survey of Independent Spent Fuel Storage Installation (ISFSI) areas.
5. Most recent survey of all Locked HRAs and VHRAs (as applicable).
6. Procedures related to HP controls (e.g. Posting, labeling, surveys, RWPs, contamination control, HRA/LHRA/VHRA control, key control, control of divers, special controls during fuel offload, hot spots, ISFSI, etc.).
7. Procedures related to release of personnel and materials (e.g. release surveys, decontamination, guidance for alarm follow up, etc.).

Enclosure

8. List of Nationally Tracked Sources, change of owner ship and copies of any National Source Tracking System (NSTS) transaction documentation (e.g., annual reconciliation).
9. Most recent sealed source inventory record.
10. List of all non-fuel items stored in spent fuel pool.
11. All self-assessments and audits covering HP controls since July 1, 2016.
12. List of CAP nonconformance reports (AR, CR, NCR, etc.) related to HP controls (e.g. keyword searches for radworker error, HP technician error, posting issues, HRA/LHRA/VHRA issues, survey problems, etc.) issued since July 1, 2016. This should include CAP nonconformance reports where the cause was listed as human performance. *This should be a list of corrective action documents containing an (AR, CR, NCR, etc.) number and brief description, not full documents.*
13. All CAP nonconformance reports (AR, CR, NCR, etc.) related to Nationally Tracked Sources since July 1, 2016.

#### Assistance Requested During On-Site Inspection

- Identification of work activities available during the inspection for inspector observations, including notification of pre-job briefings, notification of risk significant work activities, and audio/visual surveillance for remote job coverage
- Health physics assistance in plant walk-downs assessing access controls, e.g. verifying the posting and locking of entrances to high and very high radiation areas (HRA and VHRA), and SFP controls.
- Health physics assistance in plant walk-downs/job coverage of ongoing activities to assess access controls.

#### Inspector Contact Information:

Carmen Dykes  
 Health Physicist  
 US NRC Region II  
 (404) 997-4401  
[Carmen.Dykes@nrc.gov](mailto:Carmen.Dykes@nrc.gov)

#### Mailing Address:

U.S. Nuclear Regulatory Commission  
 Region II  
 ATTN: Ms. Carmen Dykes  
 245 Peachtree Center Ave., N.E  
 Suite 1200  
 Atlanta, GA 30303