



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

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

September 6, 2007

Mr. Dale E. Young, Vice President  
Crystal River Nuclear Plant (NA1B)  
ATTN: Supervisor, Licensing &  
Regulatory Programs  
15760 West Power Line Street  
Crystal River, FL 34428-6708

SUBJECT: RADIATION PROTECTION INSPECTION - CRYSTAL RIVER NUCLEAR  
PLANT

Dear Mr. Young:

On November 13 - 16, and November 26 - 30, 2007, the NRC will perform the baseline Occupational Radiation Safety Inspection at the Crystal River Nuclear Plant, (NRC Inspection Procedures 71121.01, 71121.02, and 71122.02 and Radiation Safety Sections of 71151). 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 October 11 - 12, 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 Paul Infanger 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, Brian 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).

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

Sincerely,

**/RA Ruben Hamilton for/**

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

Docket No. 50-302  
License No. DPR-72

Enclosure: Document Request List

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cc w/encl:

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FPC

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Sincerely,

**/RA Ruben Hamilton for/**

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

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cc: Page 3

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NAME	B. Bonser	S. Vias	A. Nielsen				
DATE	9/6/07	9/6/07	9/6/07		9/ /2007	9/ /2007	9/ /2007
E-MAIL COPY?	YES NO	YES NO	YES NO	YNO	YES NO	YES NO	YES NO

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DOCUMENT NAME: C:\FileNet\ML072490386.wpd

## Document Request List

Information Pre-Inspection Visit: October 11 - 12, 2007

Inspection Dates: November 13 - 16 and November 26 - 30, 2007

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 71151	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 or "thumb" drive). Please organize the information as it is arranged below (i.e. a folder labeled "Miscellaneous" containing items 1-4, a folder labeled "Access Controls" containing items 5-11, etc.). If there are questions regarding the documents requested, please do not hesitate to contact the lead inspector prior to the document collection date.

### 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 or equivalent high-level HP document.

### 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.
8. Internal dose assessments for intakes where dose was assigned since December 2006.
9. Documentation associated with any skin contaminations > 1 Rem SDE, since December 2006.
10. Most recent self-assessment or audit of access control program.
11. LIST of NCRs related to access controls (including poor radworker or HP tech performance) issued since December 2006. This should be a list of corrective action documents containing an AR number and brief description, not full NCRs.

### 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.

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16. Crudburst & cleanup trending point data from previous outage (dose rates and cobalt concentration).
17. Source term reduction program guidance, including cobalt reduction.
18. LIST of NCRs related to ALARA since November 2005. This should be a list of corrective action documents containing an AR number and brief description, not full NCRs.
19. Most recent self-assessment or audit of ALARA program.

#### Shipping & Radwaste

20. All procedures related to transportation, radwaste characterization, and solid radwaste processing.
21. PCP.
22. FSAR Chapter(s) describing liquid and solid radwaste systems.
23. Curricula used to train new liquid and solid radwaste system engineers.
24. List of all shipments made since November 2005, with the top 5 "hottest" shipments highlighted.
25. List of all changes made to solid and liquid radwaste processing systems since November 2005.
26. List of all permanently abandoned solid and liquid radwaste processing equipment.
27. Last two 10 CFR Part 61 analyses for each waste stream, including RADMAN QA data (e.g. in-house vs. vendor lab comparisons, current results vs. database, etc.).
28. List of NCRs related to shipping or radwaste since November 2005. This should be a list of corrective action documents containing an AR number and brief description, not full NCRs.
29. Most recent self-assessment or audit of Shipping/radwaste processing program.
30. Training records for all individuals qualified to ship radioactive material/waste demonstrating the requirements of 49 CFR 172 Subpart H (HAZMAT training) have been met. This information does not need to be on the CD, but should be made available on the first day of onsite inspection.

#### PI Verification (occupational and public cornerstones)

31. Procedure for gathering and reporting PI data.
32. List of all NCRs since December 2006 using keywords: HRA, LHRA, VHRA, unintended dose, unlocked door, offsite dose, ODCM, etc. This should be a list of corrective action documents containing an AR number and brief description, not full NCRs.
33. Monthly PI reports since December 2006.
34. List of all dose rate alarms >1R/hr since December 2006.
35. List of all dose alarms since December 2006.
36. All final release point effluent monitor out-of-service dates since December 2006.
37. Most recent gaseous and liquid effluent release permits.
38. 2006 Annual Effluent Report.

Lead Inspector Contact Information:

Adam Nielsen, CHP

(404) 562-4660

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Mailing Address

US NRC Region II

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Enclosure