



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

October 3, 2013

Mr. Joseph W. Shea  
Vice President, Nuclear Licensing  
Tennessee Valley Authority  
1101 Market Street, LP 3D-C  
Chattanooga, TN 37402-2801

**SUBJECT: SEQUOYAH NUCLEAR PLANT - NOTIFICATION OF INSPECTION AND  
REQUEST FOR INFORMATION 05000327 AND 05000328**

Dear Mr. Shea:

During the week of November 4 – 8, 2013, the U.S. Nuclear Regulatory Commission (NRC) will perform a baseline Radiation Safety Inspection at Sequoyah Nuclear Plant Units 1 and 2 (NRC Inspection Procedures 71124.01 and 71124.08). 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 October 25, 2013.

We have discussed the schedule for these inspection activities with your staff and understand that our regulatory contact for this inspection will be Jon T. Johnson, at 423-843-8129. If there are any questions about this inspection, or the material requested, please contact the lead inspector, Ruben Hamilton at 404-997-4672, or the Plant Support Branch 1 Chief, Brian Bonser at 404-997-4653.

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 3150-0011, 3150-0014, and 3150-0135. The NRC may not conduct or sponsor, and a person is not required to respond to, a request for information or an information collection requirement unless the requesting document displays a currently valid Office of Management and Budget control number.

In accordance with Title 10 of the *Code of Federal Regulations* (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 Agencywide Documents Access and Management System (ADAMS), which is accessible from the NRC web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

*/RA/*

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

Docket Nos: 50-327 and 50-328  
License Nos: DPR-77 and DPR-79

Enclosure:  
Document Request List

cc: Distribution via Listserv

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ADAMS:  Yes    ACCESSION NUMBER: ML13276A061     SUNSI REVIEW COMPLETE     FORM 665 ATTACHED

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NAME	R. Hamilton	B. Bonser				
DATE	10/ 1 /2013	10/ 2 /2013				
E-MAIL COPY	<b>YES</b> NO	<b>YES</b> NO				

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### Document Request List

Licensee: Sequoyah Nuclear Plant

Docket Numbers: 50-327 and 50-328

Inspection Dates: November 4 – 8, 2013

Documents Due to Region II by: October 25, 2013

Procedures: IP 71124.01 Radiological Hazard Assessment and Exposure Controls  
IP 71124.08 Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation

Lead Inspector: Ruben Hamilton  
Sr. Health Physicist  
US NRC Region II  
404-997-4672  
Ruben.Hamilton@nrc.gov

**Note:** 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). Note that the inspectors cannot accept data provided on USB or “flash” drives due to NRC IT security policies. An index to the contents is also helpful. For those items requesting a list of documents/areas, the inspectors will select documents/areas from the list for onsite review. If any of the requested information is too burdensome to provide electronically, simply indicate that the requested material is available for onsite review by the inspectors. Experience has shown that a well-organized CD leads to a more efficient inspection, and lessens additional burden on licensee staff. During the inspection, the inspectors may request additional documents. If the licensee wishes to use an electronic document service, such as CERTRAC or a Shareware portal, the inspectors will try to accommodate for the documentation requested onsite. The initial documents should not require an internet connection to be reviewed.

Documentation is requested from the dates identified in each inspection area, to the present (October 2012 and November 2010 respectively).

If you have any questions, please call Ruben Hamilton at 404-997-4672. Thank you in advance for your efforts in putting together this material.

#### Miscellaneous

1. Telephone numbers and name(s) of site contact(s) for each Inspection Procedure
2. Outage schedule, including work activities to be conducted during the week(s) of the inspection
3. Most recent DAW 10 CFR Part 61 analytical results
4. Corrective Action Program procedures

Enclosure

### 71124.01 - Radiological Hazard Assessment and Exposure Controls

1. List of outage RWPs
2. Timeline of major outage activities (e.g., Gantt chart or similar list)
3. 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, etc.)
4. Procedures related to release of personnel and materials (e.g., release surveys, decontamination, guidance for alarm follow-up, etc.)
5. List of Nationally Tracked Sources and any change-of-ownership transactions
6. Most recent sealed source inventory record
7. List of all non-fuel items stored in spent fuel pool
8. Most recent self-assessment or audit covering HP controls
9. LIST of CRs related to HP controls (e.g., radworker error, HP technician error, posting issues, HRA/LHRA/VHRA issues, survey problems, etc.) issued since October 2012.  
*This should be a list of corrective action documents containing a CR number and brief description, not full CRs.*

### 71124.08 - Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation

1. All procedures related to transportation of radioactive material/waste, radwaste characterization, solid radwaste processing, and storage of RAM and radwaste
2. Process Control Program
3. Liquid and solid radwaste system diagrams and detailed system descriptions (e.g., information that might be contained in curricula for training new system engineers)
4. List of all shipments made since November 2010 (shipping logs)
5. List of all changes made to solid and liquid radwaste processing systems since November 2010
6. List of all abandoned solid and liquid radwaste processing equipment
7. Last two 10 CFR Part 61 analyses for each waste stream; including QA data (e.g., in-house vs. vendor lab comparisons, current results vs. database, etc.)
8. Most recent self-assessment or audit of Shipping/radwaste processing and RAM storage programs

9. Copies of applicable transport cask Certificate of Compliance for the last three transport cask shipments
10. List of CRs related to shipping, radwaste processing, or RAM storage since November 2010. *This should be a list of corrective action documents containing a CR number and brief description, not full CRs.*
11. 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 can be reviewed onsite rather than included with the submittal because it may contain Personally Identifiable Information.*