



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

August 18, 2011

Mr. R. M. Krich  
Vice President, Nuclear Licensing  
Tennessee Valley Authority  
1101 Market Street, LP 3R-C  
Chattanooga, TN 37402-2801

**SUBJECT: SEQUOYAH NUCLEAR PLANT, NOTIFICATION OF INSPECTION AND  
REQUEST FOR INFORMATION**

Dear Mr. Krich:

During the period of October 11-14, 2011, the NRC will conduct baseline emergency preparedness inspection activities at the Sequoyah Nuclear Plant. The inspection will evaluate activities in the Emergency Preparedness cornerstone using NRC Inspection Procedures (IP) 71114.02, 71114.03, 71114.04, and 71114.05. The inspection will also review the emergency preparedness performance indicators using IP 71151.

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, thereby minimizing the number of additional documents requested during the preparation and/or the onsite portions of the inspection. The inspector has requested that the subject informational material be made available to the NRC staff upon arrival on October 11, 2011.

We have discussed the schedule for these inspection activities with your staff and understand that our regulatory contact for this inspection will be Don Sutton of your organization. If there are any questions about this inspection or the material requested, please contact the lead inspector, Mark Speck at (404) 997-4759.

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](http://www.nrc.gov/reading-rm/adams.html) (the Public Electronic Reading Room).

Sincerely,

**/RA/**

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

Docket Nos.: 50-327, 50-328  
License Nos.: DPR-77, DPR-79

Enclosure:  
Inspection Document Request List

cc w/encl.: (See page 3)

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2

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☒ PUBLICLY AVAILABLE

☐ NON-PUBLICLY AVAILABLE

☐ SENSITIVE

☒ NON-SENSITIVE

ADAMS: x Yes

ACCESSION NUMBER: ML112341231

x SUNSI REVIEW COMPLETE x FORM 665 ATTACHED

OFFICE	RII: DRS	RII: DRS					
SIGNATURE	RA	RA/RH For BB					
NAME	M. SPECK	B. BONSER					
DATE	08/17/2011	08/18/2011					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRSI\PSB1\INFORMATION REQUEST LETTERS\SEQUOYAH\SEQ 2011 DOC REQUEST LTR OCTOBER 2011 REV1.DOCX

cc w/encl:  
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Site Vice President  
Sequoyah Nuclear Plant  
Tennessee Valley Authority  
Electronic Mail Distribution

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Plant Manager  
Sequoyah Nuclear Plant  
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Senior Resident Inspector  
U.S. Nuclear Regulatory Commission  
Sequoyah Nuclear Plant  
2600 Igou Ferry Road  
Soddy Daisy, TN 37379-3624

Ann Harris  
341 Swing Loop  
Rockwood, TN 37854

## Inspection Document Request List

Inspection Dates: October 11-14, 2011

Inspection Procedures:	IP 71114.02	Alert and Notification System Testing
	IP 71114.03	Emergency Response Organization Staffing and Augmentation System
	IP 71114.04	Emergency Action Level and Emergency Plan Changes
	IP 71114.05	Correction of Emergency Preparedness Weakness
	IP 71151	Performance Indicator Verification

**Note:** This is a list of the documents to be delivered to the NRC Region II Office (Attention: Mark Speck, 245 Peachtree Center Avenue, NE, Suite 1200, Atlanta, GA 30303-1257), or provided to the inspector upon arrival onsite for the inspection. The current version of these documents is expected unless specified otherwise. Electronic media is preferred, if readily available (the preferred file format is Word or searchable ".pdf" files on CDROM or "thumb" drive). Please organize the information as it is arranged below (e.g. a folder labeled "Miscellaneous"). It is not the intent that large or burdensome data be scanned for this purpose. This data will be inspected using original documentation. If there are questions regarding the documents requested, please do not hesitate to contact the inspector.

### EP2 Alert and Notification System (ANS) Testing

- ☐ Department of Homeland Security (DHS) approved Alert Notification System (ANS) report
- ☐ Alert Notification System Testing Procedure
- ☐ ANS equipment technical manual
- ☐ ANS equipment testing results (raw data) for two year inspection period
- ☐ ANS equipment maintenance records for two year inspection period
- ☐ Changes to the ANS system, testing procedures and the maintenance program including any supporting DHS approval letters
- ☐ Corrective action program entries related to the Alert and Notification System for the two year inspection period
- ☐ Copies of brochures/information provided to the public

### EP3 Emergency Response Organization (ERO) Staffing and Augmentation System

- ☐ Current ERO roster
- ☐ NUREG 0654 Table B1 site equivalent
- ☐ ERO training program procedure
- ☐ EP staff training program and qualification records
- ☐ ERO augmentation
- ☐ ERF activation, including backup, equipment initiation procedure
- ☐ ERO augmentation testing results
- ☐ Corrective action program entries related to the ERO staffing and augmentation for the two year inspection period

Enclosure

EP4 Emergency Action Level (EAL) and Emergency Plan Changes

- ❑ Governing document for 10 CFR 50.54(q) evaluation process
- ❑ 10 CFR 50.54(q) evaluator training program and qualification records
- ❑ Changed procedure 10 CFR 50.54(q) evaluation
- ❑ Changed procedure current and immediately previous revisions
- ❑ Corrective action program entries related to Emergency Action Level and Emergency Plan changes for the two year inspection period

EP5 Correction of Emergency Preparedness (EP) Weakness

- ❑ Governing document for the assessment process
- ❑ All EP program assessments, not including INPO performed assessments, for the two year inspection period
- ❑ 10 CFR 50.54(t) audits and subsequent state/local correspondence for the two year inspection period
- ❑ Drill and exercise critiques for the two year inspection period
- ❑ Corrective action program entries, that is identifier and one line description, for the two year inspection period with the risk significant related entries separated

EP01/EP02/EP03 Performance Indicators (PI) Verification

- ❑ Governing document for the performance indicator process
- ❑ Drill and Exercise Performance (DEP), Emergency Response Organization (ERO), and Alert and Notification System (ANS) PI data submitted for the two year inspection period
- ❑ DEP documentation and evaluations for the two year inspection period
- ❑ Current ERO roster
- ❑ Corrective action program entries related to performance indicators, that is DEP, ERO training and participation, and ANS for the two year inspection period

Miscellaneous Procedures

- ❑ Current Emergency Plan
- ❑ Safety Evaluation Report approved Emergency Plan
- ❑ Current Emergency Action Levels
- ❑ Safety Evaluation Report approved Emergency Action Levels
- ❑ Current Emergency Plan implementing procedures
- ❑ Corrective Action Program procedure

Lead Inspector Contact Information:

Mark E. Speck  
 (404) 997-4759  
[mark.speck@nrc.gov](mailto:mark.speck@nrc.gov)

Mailing Address

US Nuclear Regulatory Commission, Region II  
 ATTN: Mark Speck  
 245 Peachtree Center Ave., NE  
 Suite 1200  
 Atlanta, GA 30303-1257

Enclosure