



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200
ATLANTA, GEORGIA 30303-1200

September 15, 2020

Mr. Jim Barstow
Vice President
Nuclear Regulatory Affairs and
Support Services
Tennessee Valley Authority
1101 Market Street, LP 4A
Chattanooga, TN 37402-2801

SUBJECT: SEQUOYAH NUCLEAR PLANT – EMERGENCY PREPAREDNESS PROGRAM
INSPECTION REQUEST FOR INFORMATION

Dear Mr. Barstow:

From October 19 – 23, 2020, the U.S. Nuclear Regulatory Commission (NRC) will perform a baseline Emergency Preparedness program inspection at the Sequoyah Nuclear Plant. The inspection will evaluate activities in the Emergency Preparedness cornerstone using NRC Inspection Procedures (IPs) 71114.02, “Alert and Notification System Testing”; 71114.03, “Emergency Response Organization Staffing and Augmentation System”; 71114.04, “Emergency Action Level and Emergency Plan Changes”; 71114.05, “Maintenance of Emergency Preparedness”; and Emergency Preparedness sections of 71151 “Performance Indicator Verification.”

Experience has shown that this inspection is resource-intensive for both the NRC inspectors and your staff. To minimize the impact to your onsite 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, to minimize the number of additional documents requested during the preparation, and/or the onsite portions of the inspection.

We have discussed the schedule for these inspection activities with your staff and understand that our regulatory contacts for this inspection will be Zachary Kitts (423-843-7018; ztkitts@tva.gov) of your organization. If there are any questions about this inspection or the material requested, please contact the lead inspector, Steven Sanchez at 404-997-4418 (Steven.Sanchez@nrc.gov), or the Chief, Operations Branch 2, Eugene Guthrie at 404-997-4662 (Eugene.Guthrie@nrc.gov).

This letter and its enclosure will be made available for public inspection and copying at <https://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, and Requests for Withholding."

Sincerely,

/RA/

Eugene F. Guthrie, Chief
Operations Branch 2
Division of Reactor Safety

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

Enclosure:
Document Request List

cc: Distribution via Listserv

SUBJECT: SEQUOYAH NUCLEAR PLANT – EMERGENCY PREPAREDNESS PROGRAM
 INSPECTION REQUEST FOR INFORMATION DATED: September 15, 2020

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ACCESSION NUMBER: ML20259A478

OFFICE	RII: DRS/OB2	RII: DRS/OB2	RII: DRS/OB2			
SIGNATURE	JSW3	SPS	GXG			
NAME	J. Walker	S. Sanchez	E. Guthrie			
DATE	9/11/2020	9/11/2020	9/15/2020			

Document Request List

Inspection Dates:	October 19 – 23, 2020	
Inspection Procedures (IPs):	71114.02	Alert and Notification System Testing
	71114.03	Emergency Response Organization Staffing and Augmentation System
	71114.04	Emergency Action Level and Emergency Plan Changes
	71114.05	Maintenance of Emergency Preparedness
	71151	Performance Indicator Verification

Note: About 3 weeks prior to the inspection, provide, as a minimum, an electronic version of the Emergency Plan (E-Plan), 10 CFR 50.54(q) evaluation/screening packages of changed Emergency Action Level (EAL), E-Plan, and risk-significant EP implementing procedures, and Corrective Action Program (CAP) entries relating to each section below, since the last inspection (including those written by Corporate). The preferred file format is Word or searchable “.pdf” files on CERTREC. *[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 (e.g., a folder labeled “71114.02 ANS,” or “Miscellaneous,” etc.). It is not the intent that large or burdensome data be scanned for this purpose (e.g., Performance Indicator documents). This data will be inspected using original documentation. The current version of these documents is expected unless specified otherwise. If there are questions regarding the documents requested, please do not hesitate to contact the lead inspector.

71114.02 Alert and Notification System Evaluation

- Federal Emergency Management Agency (FEMA) approved Alert and Notification System (ANS) report and any current associated correspondence
- ANS testing procedure
- ANS equipment technical manual
- ANS equipment testing results (raw data) since the last inspection
- ANS equipment maintenance records since the last inspection
- Changes to the ANS system, implementing procedures, testing procedures, and the maintenance program including any supporting FEMA approval letters since the last inspection
- Information provided to the public inside the 10-mile plume exposure pathway

71114.03 Emergency Response Organization Staffing and Augmentation System

- Current Emergency Response Organization (ERO) roster
- ERO Duty Roster in-effect during the week of the inspection (can be provided upon arrival)
- ERO and augmentation implementing procedures and changes since the last inspection
- NUREG 0654 Table B1 site equivalent and On-shift Staffing Analysis
- ERO training program procedure
- Emergency Preparedness (EP) staff training program and qualification records
- ERO augmentation testing results since the last inspection
 - All E-Plan changes since the last NRC EP inspection
 - Changes to the Risk Significant EP implementing procedures (including corporate/fleet procedures) since the last NRC EP inspection
- Current and immediately previous revisions of EAL, E-Plan, and EP procedures
- CAP entries specific to EAL, E-Plan, and EP procedure changes since the last NRC EP inspection (including those written by Corporate)

71114.04 Emergency Action Level 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
- ❑ Signed and dated 10 CFR 50.54(q) screening/evaluation packages for:
 - All EAL changes since the last NRC Emergency Preparedness (EP) inspection
 - All E-Plan changes since the last NRC EP inspection
 - Changes to the Risk Significant EP implementing procedures (including corporate/fleet procedures) since the last NRC EP inspection
- ❑ Current and immediately previous revisions of EAL, E-Plan, and EP procedures
- ❑ CAP entries specific to EAL, E-Plan, and EP procedure changes since the last NRC EP inspection (including those written by Corporate)

71114.05 Maintenance of Emergency Preparedness

- ❑ Governing documents for the assessment process
- ❑ All EP program assessments, not including INPO performed assessments, since the last inspection
- ❑ 10 CFR 50.54(t) audits, audit checklists, and subsequent State/local correspondence since the last inspection
- ❑ Drill and exercise critiques since the last inspection
- ❑ Critiques of actual events resulting in implementation of the E-Plan since the last inspection
- ❑ Governing documents for 10 CFR 50.54(q) evaluation process
- ❑ Current Letters of Agreement with offsite agencies
- ❑ Emergency Response Facility (ERF) activation procedures, including backup and alternate facilities
- ❑ Completed maintenance records and availability-tracking information for equipment important to EP (e.g., Heating and Ventilation system in ERFs and Radiation Monitors called out in EALs, etc.) since the last inspection
- ❑ Last Evacuation Time Estimates Analysis and annual review documentation
- ❑ CAP governing procedures

71151 Performance Indicator Verification

- ❑ Governing document for the performance indicator (PI) process
- ❑ Drill and Exercise Performance (DEP), ERO, and ANS PI data submitted since the last NRC EP inspection as documented in the associated inspection report (hard copies can be provided upon arrival)
- ❑ DEP documentation and evaluations since the last NRC EP inspection
- ❑ CAP entries related to the three EP PIs, since the last NRC EP inspection (including those written by Corporate)

Miscellaneous Procedures and Records

- ❑ Safety Evaluation Report approved E-Plan and EALs
- ❑ Corporate and Departmental processes or procedures for EP staff
- ❑ Matrix of Drill Types performed and accounted for during the 8-year cycle

Lead Inspector Contact Information:

Steven Sanchez

404-997-4418

Steven.Sanchez@nrc.gov