



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

August 26, 2024

James Barstow
Vice President, Nuclear Regulatory Affairs & Support Services
Tennessee Valley Authority
1101 Market Street, LP 4A-C
Chattanooga, TN 37402-2801

SUBJECT: UPDATED INSPECTION PLAN FOR SEQUOYAH NUCLEAR PLANT, UNITS 1
AND 2 - REPORT 05000327/2024005 AND 05000328/2024005

Dear James Barstow:

The enclosed inspection plan lists the inspections scheduled through June 30, 2026, for Sequoyah Nuclear Plant. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

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 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> (the Public Electronic Reading Room).

Please contact me at (404) 997-4545 with any questions you may have regarding this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "Louis J. McKown, II".

Signed by McKown, Louis
on 08/26/24

Louis J. McKown, II, Chief
Reactor Projects Branch 5
Division of Reactor Projects

Docket Nos. 05000327, 05000328 and 07200034
License Nos. DPR-77 and DPR-79

Enclosure:
Sequoyah Inspection/Activity Plan
(09/01/2024- 06/30/2026)

cc Distribution via ListServ

J. Barstow

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SUBJECT: UPDATED INSPECTION PLAN FOR SEQUOYAH NUCLEAR PLANT, UNITS 1 AND 2 - REPORT 05000327/2024005 AND 05000328/2024005 DATED AUGUST 26, 2024

DISTRIBUTION:

R2EICS

RIDSNNRRPMSEQUOYAHResource

RIDSNNRRDRO Resource

ML ACCESSION NUMBER ML24236A756

<input checked="" type="checkbox"/> PUBLIC ⚙️SUNSI Review		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available	
OFFICE	RII/DRP	RII/DRP	RII/DRP		
NAME	J.Hamman	P.Meier	L.McKown		
DATE	8/23/2024	8/26/2024	8/26/2024		

OFFICIAL RECORD COPY

Sequoyah

09/01/2024 - 06/30/2026

Unit	Start	End	Activity	CAC	Title	Staff Count
FOCUSED ENGINEERING INSPECTIONS (CGD)						3
1,2	11/4/2024	11/8/2024	IP 71111.21N.03	001808	Commercial Grade Dedication	
1,2	11/18/2024	11/22/2024	IP 71111.21N.03	001808	Commercial Grade Dedication	
SEQUOYAH REQUAL INSPECTION						2
1,2	12/9/2024	12/13/2024	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
EMERGENCY PREPAREDNESS EXERCISE INSPECTION						5
1,2	12/9/2024	12/13/2024	IP 71114.01	000716	Exercise Evaluation	
1,2	12/9/2024	12/13/2024	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1,2	12/9/2024	12/13/2024	IP 71151	001397	Performance Indicator Verification	
COMPREHENSIVE ENGINEERING TEAM INSPECTION (CETI)						7
1,2	1/27/2025	1/31/2025	IP 71111.21M	000713	Comprehensive Engineering Team Inspection	
1,2	2/10/2025	2/14/2025	IP 71111.21M	000713	Comprehensive Engineering Team Inspection	
OPERATION OF AN ISFSI						2
1,2	2/3/2025	2/7/2025	IP 60855	001001	Operation Of An ISFSI	
SECURITY BASELINE INSPECTION						3
1,2	2/24/2025	2/27/2025	IP 71130.02	000734	Access Control	
1,2	2/24/2025	2/27/2025	IP 71130.05	000737	Protective Strategy Evaluation	
1,2	2/24/2025	2/27/2025	IP 71130.09	001656	Security Plan Changes	
1,2	2/24/2025	2/27/2025	IP 71151	001338	Performance Indicator Verification	
SECURITY BASELINE INSPECTION						2
1,2	4/21/2025	4/24/2025	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1,2	4/21/2025	4/24/2025	IP 71130.07	000739	Security Training	
PROBLEM IDENTIFICATION AND RESOLUTION						4
1,2	6/9/2025	6/13/2025	IP 71152B	000747	Problem Identification and Resolution	
1,2	6/23/2025	6/27/2025	IP 71152B	000747	Problem Identification and Resolution	
MATERIAL CONTROL AND ACCOUNTING						1
1,2	7/1/2025	9/30/2025	IP 71130.11	000742	Material Control and Accounting (MC&A)	
CYBER SECURITY INSPECTION						4
1,2	9/22/2025	9/26/2025	IP 71130.10	000741	Cybersecurity	
RP OCCUPATIONAL RAD SAFETY AND TRANSPORTATION BASELINE INSPECTION						2
1,2	10/6/2025	10/10/2025	IP 71124.01	000725	Radiological Hazard Assessment and Exposure	

Enclosure

Controls

1,2	10/6/2025	10/10/2025	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation
1,2	10/6/2025	10/10/2025	IP 71151	000746	Performance Indicator Verification

UNIT 1 IN-SERVICE INSPECTION +SG 1

1	10/13/2025	10/24/2025	IP 71111.08P	000702	Inservice Inspection Activities (PWR)
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EMERGENCY PREPAREDNESS PROGRAM INSPECTION 2

1,2	10/20/2025	10/24/2025	IP 71114.02	000717	Alert and Notification System Testing
1,2	10/20/2025	10/24/2025	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System
1,2	10/20/2025	10/24/2025	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes
1,2	10/20/2025	10/24/2025	IP 71114.05	000720	Maintenance of Emergency Preparedness
1,2	10/20/2025	10/24/2025	IP 71151	001397	Performance Indicator Verification

FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS - SEQ 4

1,2	1/5/2026	1/9/2026	IP 71130.03	000735	Contingency Response - Force-On-Force Testing
1,2	1/26/2026	1/30/2026	IP 71130.03	000735	Contingency Response - Force-On-Force Testing

TVA CORPORATE SECURITY INSPECTION AA/FFD (SEQ) 2

1,2	1/12/2026	1/15/2026	IP 71130.01	000733	Access Authorization
1,2	1/12/2026	1/15/2026	IP 71130.08	000740	Fitness-For-Duty Program

SECURITY BASELINE INSPECTION 3

1,2	2/23/2026	2/26/2026	IP 71130.01	000733	Access Authorization
1,2	2/23/2026	2/26/2026	IP 71130.02	000734	Access Control
1,2	2/23/2026	2/26/2026	IP 71130.08	000740	Fitness-For-Duty Program
1,2	2/23/2026	2/26/2026	IP 71130.09	001656	Security Plan Changes
1,2	2/23/2026	2/26/2026	IP 71130.14	000743	Review of Power Reactor Target Sets
1,2	2/23/2026	2/26/2026	IP 71151	001338	Performance Indicator Verification

UNIT 2 IN-SERVICE INSPECTION +SG 1

2	4/6/2026	4/17/2026	IP 71111.08P	000702	Inservice Inspection Activities (PWR)
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RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION 2

1,2	4/6/2026	4/10/2026	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls
1,2	4/6/2026	4/10/2026	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation
1,2	4/6/2026	4/10/2026	IP 71124.04	000728	Occupational Dose Assessment
1,2	4/6/2026	4/10/2026	IP 71124.05	000729	Radiation Monitoring Instrumentation
1,2	4/6/2026	4/10/2026	IP 71151	000746	Performance Indicator Verification
1,2	4/20/2026	4/24/2026	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls

1,2	4/20/2026	4/24/2026	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation
1,2	4/20/2026	4/24/2026	IP 71124.04	000728	Occupational Dose Assessment
1,2	4/20/2026	4/24/2026	IP 71124.05	000729	Radiation Monitoring Instrumentation
1,2	4/20/2026	4/24/2026	IP 71151	000746	Performance Indicator Verification
SEQUOYAH INITIAL EXAM					
1,2	5/31/2026	6/5/2026	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)

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