



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

August 18, 2020

Mr. Jim Barstow  
Vice President, Nuclear Regulatory  
Affairs and 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 05000327/2020005 AND 05000328/2020005

Dear Mr. Barstow:

The enclosed inspection plan lists the inspections scheduled through June 30, 2022 for Sequoyah Nuclear Plant, Units 1 and 2. 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. You should be aware that the agency is pursuing potential changes to the Reactor Oversight Process (ROP), including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"), and other changes to the baseline inspection program described in SECY-19-0067, "Recommendations for Enhancing the Reactor Oversight Process." Should these changes to the ROP be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule. 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 response to the COVID-19 public health emergency (PHE), the NRC is adjusting inspection plans and schedules in order to safeguard the health and safety of both NRC and licensee staff while still effectively implementing the ROP. Each planned inspection is being carefully reviewed in order to determine if any portions of the inspection can be performed remotely, determine how best to perform on-site portions to minimize personnel health risks, and adjust inspection schedules if needed. This is done in accordance with guidance contained in the May 28, 2020 memo, "Inspection Guidance During Transition From COVID-19 Mandatory Telework" (ML20141L766). For inspections requiring extensive coordination with offsite organizations, such as evaluated emergency preparedness exercises, NRC guidance and frequently asked questions for security and emergency preparedness can be found here: <https://www.nrc.gov/about-nrc/covid-19/security-ep/>. Similarly, the NRC has developed guidance if force-on-force inspections cannot be completed as scheduled due to an emergency, such as the COVID-19 PHE.

These changes help ensure the health and safety of both NRC and licensee staff while maintaining the NRC's important safety and security mission during the COVID-19 PHE. The attached inspection plan is accurate on the date of issuance but remains subject to change based on approval of potential exemption requests or other changes needed due to changing conditions in the COVID-19 PHE. NRC staff will contact your appropriate regulatory affairs staff in order to coordinate inspection planning and scheduling.

In addition to the ROP baseline inspections, we also plan to conduct an Initial License Examination.

The NRC will also be performing baseline inspections of licensee cyber security programs. The specific schedule and procedure to be used for these inspections is being developed by the NRC staff. The staff expects to communicate the schedule for these inspections to each utility separately.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://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."

Please contact me at (404) 997-4703 with any questions you may have regarding this letter.

Sincerely,

**/RA/**

Thomas Stephen, Chief  
Reactor Projects Branch 5  
Division of Reactor Projects

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

Enclosure:  
Sequoyah Inspection/Activity Plan (9/01/2020 – 06/30/2022)

cc: Distribution via ListServ

SUBJECT: UPDATED INSPECTION PLAN FOR SEQUOYAH NUCLEAR PLANT,  
UNITS 1 AND 2 - REPORT 05000327/2020005 AND 05000328/2020005 DATED:  
AUGUST 18, 2020

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NAME	S. Ninh	D. Hardage	T. Stephen			
DATE	8/17/2020	8/18/2020	8/18/2020			

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# IP 22 Inspection Activity Plan Report

## Sequoyah

09/01/2020 - 06/30/2022

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>SEQUOYAH REQUAL INSPECTION</b>						2
1, 2	10/05/2020	10/09/2020	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>LIMITED SCOPE TACTICAL RESPONSE DRILLS - SEQ</b>						6
1, 2	10/05/2020	10/09/2020	IP 92707	001711	Security Inspection of Facilities Impacted by a Local, State, or Federal Emergency Where the NRC's Ability to Conduct Triennial Force On-Force Exercises is Limited	
<b>EMERGENCY PREPAREDNESS EXERCISE</b>						5
1, 2	10/12/2020	10/16/2020	IP 71114.01	000716	Exercise Evaluation	
1, 2	10/12/2020	10/16/2020	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2	10/12/2020	10/16/2020	IP 71114.08	000723	Exercise Evaluation □ Scenario Review	
1, 2	10/12/2020	10/16/2020	IP 71151	001397	Performance Indicator Verification	
<b>EVALUATIONS OF CHANGES, TESTS, AND EXPERIMENTS</b>						3
1, 2	03/08/2021	03/12/2021	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
<b>SECURITY BASELINE INSPECTION</b>						3
1, 2	03/22/2021	03/26/2021	IP 71130.02	000734	Access Control	
1, 2	03/22/2021	03/26/2021	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2	03/22/2021	03/26/2021	IP 71130.07	000739	Security Training	
1, 2	03/22/2021	03/26/2021	IP 71130.09	001656	Security Plan Changes	
1, 2	03/22/2021	03/26/2021	IP 71151	001338	Performance Indicator Verification	
<b>UNIT 1 IN-SERVICE INSPECTION +SG</b>						2
1	04/12/2021	04/16/2021	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>PROBLEM IDENTIFICATION AND RESOLUTION</b>						4
1, 2	06/07/2021	06/11/2021	IP 71152B	000747	Problem Identification and Resolution	
1, 2	06/21/2021	06/25/2021	IP 71152B	000747	Problem Identification and Resolution	
<b>RP PUBLIC RAD SAFETY INSPECTION</b>						2
1, 2	07/12/2021	07/16/2021	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	07/12/2021	07/16/2021	IP 71124.07	000731	Radiological Environmental Monitoring Program	
1, 2	07/12/2021	07/16/2021	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
1, 2	07/12/2021	07/16/2021	IP 71151	000746	Performance Indicator Verification	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

# IP 22 Inspection Activity Plan Report

## Sequoyah

09/01/2020 - 06/30/2022

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>TRIENNIAL HEAT SINK PERFORMANCE</b>						1
1, 2	08/02/2021	08/06/2021	IP 71111.07T	000700	Heat Sink Performance	
<b>UNIT 2 IN-SERVICE INSPECTION +SG</b>						2
2	10/04/2021	10/08/2021	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION</b>						2
1, 2	10/04/2021	10/08/2021	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/04/2021	10/08/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	10/04/2021	10/08/2021	IP 71151	000746	Performance Indicator Verification	
<b>EMERGENCY PREPAREDNESS PROGRAM INSPECTION</b>						2
1, 2	12/06/2021	12/10/2021	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	12/06/2021	12/10/2021	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	12/06/2021	12/10/2021	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2	12/06/2021	12/10/2021	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1, 2	12/06/2021	12/10/2021	IP 71151	001397	Performance Indicator Verification	
<b>SECURITY BASELINE INSPECTION</b>						1
1, 2	01/24/2022	01/28/2022	IP 71130.02	000734	Access Control	
1, 2	01/24/2022	01/28/2022	IP 71130.09	001656	Security Plan Changes	
1, 2	01/24/2022	01/28/2022	IP 71151	001338	Performance Indicator Verification	
<b>SEQUOYAH INITIAL LICENSE EXAM</b>						6
1, 2	03/28/2022	04/01/2022	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	05/02/2022	05/13/2022	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>DESIGN BASES ASSURANCE INSPECTION (TEAMS)</b>						6
1, 2	06/06/2022	06/10/2022	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
1, 2	06/20/2022	06/24/2022	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	