



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

August 27, 2019

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

SUBJECT: UPDATED INSPECTION PLAN FOR SEQUOYAH NUCLEAR PLANT, UNITS 1
AND 2 (REPORT 05000327, 05000328/2019005)

Dear Mr. Shea:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, for Sequoyah Nuclear Plant. The NRC provides the inspection plan to allow for the solution 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 program (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, beginning in January 2020. 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 addition to the ROP baseline inspections at your facility, we also plan to conduct Initial License Examinations and Post-Approval License Renewal Phase 2.

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/

Omar R. López-Santiago, Chief
Reactor Projects Branch 5
Division of Reactor Projects

Docket Nos.: 05000327, 05000328

License Nos.: DPR-77, DPR-79

Enclosure:

Sequoyah IP 22 Inspection Activity Plan Report
(08/30//2019 – 06/30/2021)

cc Distribution via ListServ

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AND 2 (REPORT 05000327, 05000328/2019005)

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ADAMS Accession Number: ML19239A087

OFFICE	RII:DRP	RII:DRP			
NAME	SNinh	OLopez-Santiago			
DATE	8/21/2019	8/22/2019			

OFFICIAL AGENCY RECORD

IP 22 Inspection Activity Plan Report

Sequoyah

08/30/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
UNIT 1 IN-SERVICE INSPECTION +SG						1
1	10/14/2019	10/18/2019	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
RP OCCUPATIONAL RAD SAFETY RAD HAZARDS & TRANSPORTATION BASELINE INSPECTION						2
1, 2	10/21/2019	10/25/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/21/2019	10/25/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
EMERGENCY PREPAREDNESS PROGRAM INSPECTION						2
1, 2	12/09/2019	12/13/2019	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	12/09/2019	12/13/2019	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	12/09/2019	12/13/2019	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2	12/09/2019	12/13/2019	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1, 2	12/09/2019	12/13/2019	IP 71151	001397	Performance Indicator Verification	
TVA CORPORATE OFFICE FFD/AA/SGI INSPECTION						2
1, 2	01/06/2020	01/10/2020	IP 71130.01	000733	Access Authorization	
1, 2	01/06/2020	01/10/2020	IP 71130.06	000738	Protection of Safeguards Information	
1, 2	01/06/2020	01/10/2020	IP 71130.08	000740	Fitness For Duty Program	
POST-APPROVAL LR PHASE 2						5
1, 2	01/20/2020	01/24/2020	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
1, 2	02/03/2020	02/07/2020	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
SECURITY BASELINE INSPECTION						2
1, 2	01/27/2020	01/31/2020	IP 71130.01	000733	Access Authorization	
1, 2	01/27/2020	01/31/2020	IP 71130.02	000734	Access Control	
1, 2	01/27/2020	01/31/2020	IP 71130.06	000738	Protection of Safeguards Information	
1, 2	01/27/2020	01/31/2020	IP 71130.08	000740	Fitness For Duty Program	
1, 2	01/27/2020	01/31/2020	IP 71151	001338	Performance Indicator Verification	
SEQUOYAH INITIAL LICENSE EXAM						5
1, 2	01/27/2020	01/31/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	03/02/2020	03/20/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

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Enclosure

IP 22 Inspection Activity Plan Report

Sequoyah

08/30/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
DESIGN BASES ASSURANCE INSPECTION (PROGRAM)						3
1, 2	02/24/2020	02/28/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
1, 2	03/09/2020	03/13/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
UNIT 2 IN-SERVICE INSPECTION +SG						2
2	04/20/2020	04/24/2020	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION						3
1, 2	04/20/2020	04/24/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	04/20/2020	04/24/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	04/20/2020	04/24/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	04/20/2020	04/24/2020	IP 71124.04	000728	Occupational Dose Assessment	
1, 2	04/20/2020	04/24/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1, 2	05/11/2020	05/15/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	05/11/2020	05/15/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	05/11/2020	05/15/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	05/11/2020	05/15/2020	IP 71124.04	000728	Occupational Dose Assessment	
1, 2	05/11/2020	05/15/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
TRIENNIAL FIRE PROTECTION INSPECTION						4
1, 2	06/08/2020	06/12/2020	IP 71111.05T	000696	Fire Protection	
1, 2	06/22/2020	06/26/2020	IP 71111.05T	000696	Fire Protection	
CYBER SECURITY						2
1, 2	07/20/2020	07/24/2020	IP 71130.10P	000741	Cyber Security	
1, 2	08/03/2020	08/07/2020	IP 71130.10P	000741	Cyber Security	
TARGET SET						1
1, 2	08/03/2020	08/07/2020	IP 71130.14	000743	Review of Power Reactor Target Sets	
SEQUOYAH REQUAL INSPECTION						2
1, 2	10/05/2020	10/09/2020	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
EMERGENCY PREPAREDNESS EXERCISE						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	

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08/30/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
EMERGENCY PREPAREDNESS EXERCISE						5
1, 2	10/12/2020	10/16/2020	IP 71151	001397	Performance Indicator Verification	
EVALUATIONS OF CHANGES, TESTS, AND EXPERIMENTS						3
1, 2	03/08/2021	03/12/2021	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
SECURITY BASELINE INSPECTION						3
1, 2	03/08/2021	03/12/2021	IP 71130.02	000734	Access Control	
1, 2	03/08/2021	03/12/2021	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2	03/08/2021	03/12/2021	IP 71130.07	000739	Security Training	
1, 2	03/08/2021	03/12/2021	IP 71151	001338	Performance Indicator Verification	
UNIT 1 IN-SERVICE INSPECTION +SG						2
1	04/12/2021	04/16/2021	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
PROBLEM IDENTIFICATION AND RESOLUTION						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	

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