



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

August 23, 2021

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 BROWNS FERRY NUCLEAR PLANT,  
UNITS 1, 2 AND 3 - REPORT 05000259/2021005, 05000260/2021005, AND  
05000296/2021005

Dear Mr. Barstow:

The enclosed inspection plan lists the inspections scheduled through June 30, 2023, for Browns Ferry Nuclear Plant, Units 1, 2 and 3. 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 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 February 1, 2021 memo, "Calendar Year 2021 Inspection Guidance During COVID-19 Telework Restrictions" (ML21027A274). 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 the initial license examinations and post license renewal phase 4.

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.

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) 997-4703 with any questions you may have regarding this letter.

Sincerely,

*/RA/*

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

Docket Nos.: 50-259, 50-260, 50-296  
License Nos.: DPR-33, DPR-52, DPR-68

Enclosure:  
Browns Ferry Inspection/Activity Plan  
(09/01/2021- 06/30/2023)

cc: Distribution via ListServ

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UNITS 1, 2 AND 3 - REPORT 05000259/2021005, 05000260/2021005, AND  
05000296/2021005 – Dated August 23, 2021

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OFFICE	RII:DRP	RII:DRP	RII:DRP			
NAME	S. Ninh	J. Steward	T. Stephen			
DATE	8/16/2021	8/11/2021	8/23/2021			

**OFFICIAL RECORD COPY**

# IP 22b Site Inspection Activity Plan

## Browns Ferry

09/01/2021 - 06/30/2023

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>TARGET SET INSPECTION</b>						2
1, 2, 3	12/6/2021	12/10/2021	IP 71130.14	000743	Review of Power Reactor Target Sets	
<b>NFPA 805 TRIENNIAL FIRE PROTECTION INSPECTION</b>						4
1, 2, 3	1/31/2022	2/4/2022	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
1, 2, 3	2/14/2022	2/18/2022	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
<b>UNIT 3 IN-SERVICE INSPECTION</b>						1
3	2/28/2022	3/4/2022	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
<b>RP OCCUPATIONAL RAD SAFETY BASELINE AND TRANSPORTATION INSPECTION</b>						2
1, 2, 3	2/28/2022	3/4/2022	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2, 3	2/28/2022	3/4/2022	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
1, 2, 3	2/28/2022	3/4/2022	IP 71151	000746	Performance Indicator Verification	
<b>FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS -BFN</b>						6
1, 2, 3	3/28/2022	6/10/2022	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1, 2, 3	5/16/2022	5/20/2022	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1, 2, 3	6/6/2022	6/10/2022	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
<b>BROWNS FERRY INITIAL LICENSE EXAM</b>						6
1, 2, 3	4/10/2022	4/17/2022	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2, 3	5/15/2022	5/29/2022	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
<b>CYBER SECURITY INSPECTION</b>						2
1, 2, 3	5/16/2022	5/20/2022	IP 71130.10P	000741	Cyber Security	
<b>EMERGENCY PREPAREDNESS PROGRAM INSPECTION</b>						2
1, 2, 3	6/20/2022	6/24/2022	IP 71114.02	000717	Alert and Notification System Testing	
1, 2, 3	6/20/2022	6/24/2022	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2, 3	6/20/2022	6/24/2022	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2, 3	6/20/2022	6/24/2022	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1, 2, 3	6/20/2022	6/24/2022	IP 71151	001397	Performance Indicator Verification	
<b>DESIGN BASES ASSURANCE INSPECTION (PROGRAMS)</b>						3
1, 2, 3	7/18/2022	7/22/2022	IP 71111.21N.02	001645	Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements	
1, 2, 3	8/1/2022	8/5/2022	IP 71111.21N.02	001645	Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements	
<b>PROBLEM IDENTIFICATION AND RESOLUTION</b>						4
1, 2, 3	8/8/2022	8/12/2022	IP 71152B	000747	Problem Identification and Resolution	

# IP 22b Site Inspection Activity Plan

1, 2, 3	8/22/2022	8/26/2022	IP 71152B	000747	Problem Identification and Resolution	
<b>SECURITY BASELINE INSPECTION</b>						3
1, 2, 3	8/15/2022	8/19/2022	IP 71130.02	000734	Access Control	
1, 2, 3	8/15/2022	8/19/2022	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2, 3	8/15/2022	8/19/2022	IP 71130.07	000739	Security Training	
1, 2, 3	8/15/2022	8/19/2022	IP 71130.09	001656	Security Plan Changes	
1, 2, 3	8/15/2022	8/19/2022	IP 71151	001338	Performance Indicator Verification	
<b>BROWNS FERRY REQUAL INSPECTION</b>						2
1, 2, 3	9/12/2022	9/16/2022	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>UNIT 1 IN-SERVICE INSPECTION</b>						1
1	10/3/2022	10/7/2022	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
<b>POST-APPROVAL LICENSE RENEWAL PHASE 4</b>						4
1, 2, 3	12/5/2022	12/9/2022	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
<b>MATERIAL CONTROL AND ACCOUNTING</b>						1
1, 2, 3	1/1/2023	3/31/2023	IP 71130.11	000742	Material Control and Accounting (MC&A)	
<b>TVA CORPORATE AA/FFD INSPECTION</b>						2
1, 2, 3	1/9/2023	1/13/2023	IP 71130.01	000733	Access Authorization	
1, 2, 3	1/9/2023	1/13/2023	IP 71130.08	000740	Fitness For Duty Program	
<b>SECURITY BASELINE INSPECTION</b>						2
1, 2, 3	2/6/2023	2/10/2023	IP 71130.01	000733	Access Authorization	
1, 2, 3	2/6/2023	2/10/2023	IP 71130.02	000734	Access Control	
1, 2, 3	2/6/2023	2/10/2023	IP 71130.08	000740	Fitness For Duty Program	
1, 2, 3	2/6/2023	2/10/2023	IP 71130.09	001656	Security Plan Changes	
1, 2, 3	2/6/2023	2/10/2023	IP 71151	001338	Performance Indicator Verification	
<b>UNIT 2 IN-SERVICE INSPECTION</b>						1
2	2/27/2023	3/3/2023	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
<b>RP OCCUPATIONAL RADIATION SAFETY BASELINE</b>						2
1, 2, 3	2/27/2023	3/3/2023	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2, 3	2/27/2023	3/3/2023	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2, 3	2/27/2023	3/3/2023	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2, 3	2/27/2023	3/3/2023	IP 71124.04	000728	Occupational Dose Assessment	
1, 2, 3	2/27/2023	3/3/2023	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1, 2, 3	2/27/2023	3/3/2023	IP 71151	000746	Performance Indicator Verification	
1, 2, 3	3/13/2023	3/17/2023	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2, 3	3/13/2023	3/17/2023	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2, 3	3/13/2023	3/17/2023	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	

# IP 22b Site Inspection Activity Plan

1, 2, 3	3/13/2023	3/17/2023	IP 71124.04	000728	Occupational Dose Assessment
1, 2, 3	3/13/2023	3/17/2023	IP 71124.05	000729	Radiation Monitoring Instrumentation
1, 2, 3	3/13/2023	3/17/2023	IP 71151	000746	Performance Indicator Verification

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## EVALUATIONS OF CHANGES, TEST AND EXPERIMENTS

3

1, 2, 3	5/1/2023	5/5/2023	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments
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## BROWNS FERRY INITIAL LICENSE EXAM

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1, 2, 3	6/12/2023	6/16/2023	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)
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## EMERGENCY PREPAREDNESS EXERCISE INSPECTION

5

1, 2, 3	6/26/2023	6/30/2023	IP 71114.01	000716	Exercise Evaluation
1, 2, 3	6/26/2023	6/30/2023	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes
1, 2, 3	6/26/2023	6/30/2023	IP 71151	001397	Performance Indicator Verification

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