



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PA 19406-2713

September 1, 2021

Mr. David P. Rhoades
Senior Vice President
Exelon Generation Company, LLC
President and Chief Nuclear Officer, Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: UPDATED INSPECTION PLAN FOR THE JAMES A. FITZPATRICK NUCLEAR
POWER PLANT (REPORT 05000333/2021005)

Dear Mr. Rhoades,

The enclosed inspection plan lists the inspections scheduled through June 30, 2023, for the James A. FitzPatrick Nuclear Power Plant (FitzPatrick). 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 baseline inspection program, the NRC plans to conduct a supplemental inspection in accordance with Inspection Procedure 95001, "Supplemental Inspection Response to Action Matrix Column 2 (Regulatory Response) Inputs," effective January 1, 2021, as a result of a finding of low-to-moderate (White) safety significance, discussed in a letter to you dated

April 20, 2021. This 95001 supplemental inspection will be scheduled following Exelon's notification of readiness. This inspection is conducted to provide assurance that the root causes and contributing causes of any performance issues are understood, the extent of condition is identified, and the corrective actions are sufficient to prevent recurrence.

The NRC will also be performing an inspection of FitzPatrick's license renewal program in accordance with Inspection Procedure 71003, "Post-Approval Site Inspection for License Renewal," effective July 1, 2016.

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 610-337-5120 with any questions you have regarding this letter.

Sincerely,

Erin E. Carfang, Chief
Projects Branch 1
Division of Operating Reactor Safety

Docket No. 50-333
License No. DPR-59

Enclosure:
FitzPatrick Inspection Plan

Distribution via ListServ

SUBJECT: UPDATED INSPECTION PLAN FOR THE JAMES A. FITZPATRICK NUCLEAR POWER PLANT (REPORT 05000333/2021005) DATED SEPTEMBER 1, 2021

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DOCUMENT NAME: https://usnrc.sharepoint.com/teams/ROPAssessmentMeetings/Shared Documents/ROP-22 Second Quarter Process/Branch 1/FP/ROP-22 Region I Inspection Plan Transmittal Letter_FP_FINAL.docx

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OFFICIAL RECORD COPY

IP 22b Site Inspection Activity Plan

FitzPatrick

07/01/2021 - 06/30/2023

Unit	Start	End	Activity	CAC	Title	Staff Count
Rad Safety - ALARA						1
1	7/5/2021	7/9/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
HEAT SINK INSPECTION						1
1	7/25/2021	8/28/2021	IP 71111.07T	000700	Heat Sink Performance	
FY21 FITZPATRICK Initial Exam						6
1	8/8/2021	8/20/2021	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
EP EXERCISE INSPECTION - FITZPATRICK						5
1	8/30/2021	9/3/2021	IP 71114.01	000716	Exercise Evaluation	
1	8/30/2021	9/3/2021	IP 71151	001397	Performance Indicator Verification	
RP Radwaste and Transportation / RP Performance Indicators (71124.08 / 71151) - FP						1
1	8/30/2021	9/3/2021	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
Evaluations of Changes, Tests and Experiments						3
1	9/20/2021	9/24/2021	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
RP Airborne Rad Control / Occupational Dose Assess (71124.03 / 71124.04) - FP						1
1	2/14/2022	2/18/2022	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	2/14/2022	2/18/2022	IP 71124.04	000728	Occupational Dose Assessment	
RP Instrumentation 71124.05 - FP						1
1	4/4/2022	4/8/2022	IP 71124.05	000729	Radiation Monitoring Instrumentation	
Access Auth, Access Control, FFD, SPR, PI- FP						3
1	4/18/2022	4/22/2022	IP 71130.01	000733	Access Authorization	
1	4/18/2022	4/22/2022	IP 71130.02	000734	Access Control	
1	4/18/2022	4/22/2022	IP 71130.08	000740	Fitness For Duty Program	
1	4/18/2022	4/22/2022	IP 71130.09	001656	Security Plan Changes	
1	4/18/2022	4/22/2022	IP 71151	001338	Performance Indicator Verification	
Design Basis Assurance Inspection - Teams - Fitzpatrick						6
1	5/2/2022	5/20/2022	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
Fitz Requal Inspection with P/F Results						2
1	5/9/2022	5/13/2022	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance	
1	5/9/2022	5/13/2022	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
RP Rad Environmental Monitoring Prog. 71124.07 - FP						1
1	7/18/2022	7/22/2022	IP 71124.07	000731	Radiological Environmental Monitoring Program	

IP 22b Site Inspection Activity Plan

EP PROGRAM INSPECTION - FITZPATRICK

1

1	8/8/2022	8/12/2022	IP 71114.02	000717	Alert and Notification System Testing
1	8/8/2022	8/12/2022	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System
1	8/8/2022	8/12/2022	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes
1	8/8/2022	8/12/2022	IP 71114.05	000720	Maintenance of Emergency Preparedness
1	8/8/2022	8/12/2022	IP 71151	001397	Performance Indicator Verification

Inservice Inspection - Fitzpatrick

1

1	9/26/2022	9/30/2022	IP 71111.08G	000701	Inservice Inspection Activities (BWR)
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RP Rad Hazard and Control / Pls (71124.01 / 71151) - FP

1

1	9/26/2022	9/30/2022	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls
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Fitzpatrick - Fire Protection

3

1	3/6/2023	3/10/2023	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)
1	3/20/2023	3/24/2023	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)

Rad Safety - Radiological Hazards

1

1	3/6/2023	3/10/2023	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls
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FORCE-ON-FORCE PLANNING AND EXERCISE - FP

4

1	4/24/2023	4/28/2023	IP 71130.03	000735	Contingency Response - Force-On-Force Testing
1	5/15/2023	5/19/2023	IP 71130.03	000735	Contingency Response - Force-On-Force Testing

License Renewal Phase 4 - Fitzpatrick

4

1	6/5/2023	6/9/2023	IP 71003	000687	Post-Approval Site Inspection for License Renewal
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EP EXERCISE INSPECTION - FITZPATRICK

5

1	6/19/2023	6/23/2023	IP 71114.01	000716	Exercise Evaluation
1	6/19/2023	6/23/2023	IP 71151	001397	Performance Indicator Verification