



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

August 28, 2019

Mr. Bryan C. Hanson
Senior Vice President, Exelon Generation Company, LLC
President and Chief Nuclear Officer, Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: JAMES A. FITZPATRICK NUCLEAR POWER PLANT – UPDATED
INSPECTION PLAN (INSPECTION REPORT 05000333/2019005)

Dear Mr. Hanson:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, for James A. FitzPatrick Nuclear Power 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 addition to normal baseline inspections, NRC Region I will be performing Inspection Procedure 60855.1, "Operation of an ISFSI Independent Spent Fuel Storage Installation at Operating Plants," and plans to conduct inspections per Temporary Instruction (TI) 2515/194, "Inspection of the Licensees' Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerabilities in Electric Power Systems," and TI 2515/193, "Inspection of the Implementation of EA-13-109: Order Modifying Licenses with Regard to Reliable Hardened Containment Vents Capable of Operation Under Severe Accident Conditions," at your facility during the period.

You should be aware that the agency is pursuing potential changes to the Reactor Oversight Process, 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 Reactor Oversight Process be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020.

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,

/RA/

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

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

Enclosure:
Inspection Plan

cc: Distribution via ListServ

SUBJECT: JAMES A. FITZPATRICK NUCLEAR POWER PLANT – UPDATED
INSPECTION PLAN (REPORT 05000333/2019005) DATED AUGUST 28, 2019

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DATE	8/21/19	8/26/19			

OFFICIAL RECORD COPY

IP 22 Inspection Activity Plan Report

FitzPatrick

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
Design Basis Assurance Inspection						6
1	07/14/2019	07/20/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
1	07/28/2019	08/03/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
RAD SAFETY REM-P						1
1	09/16/2019	09/20/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
1	09/16/2019	09/20/2019	IP 71151	000746	Performance Indicator Verification	
ISFSI OPERATIONAL INSPECTION						2
1	09/23/2019	09/27/2019	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
FP-ACCESS CONTROL, EQUIP PERF, TRAINING						2
1	09/23/2019	09/27/2019	IP 71130.02	000734	Access Control	
1	09/23/2019	09/27/2019	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1	09/23/2019	09/27/2019	IP 71130.07	000739	Security Training	
1	09/23/2019	09/27/2019	IP 71151	001338	Performance Indicator Verification	
1	09/23/2019	09/27/2019	IP 71152	001340	Problem Identification and Resolution	
Rad Safety Inspection 01, 02, 03, 04						1
1	10/07/2019	10/11/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	10/07/2019	10/11/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	10/07/2019	10/11/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	10/07/2019	10/11/2019	IP 71124.04	000728	Occupational Dose Assessment	
1	10/07/2019	10/11/2019	IP 71151	000746	Performance Indicator Verification	
TI-193 Hardened Containment Vent						2
1	11/04/2019	11/08/2019	TI 2515/193	000511	Inspection of the Implementation of EA-13-109: Order Modifying Licenses with Regard to Reliable Hardened Containment Vents Capable of Operation under Severe Accident Conditions	
TI-194 Open Phase Condition Inspection-Fitz						2
1	11/18/2019	11/22/2019	TI 2515/194	000512	Inspection of the Licensee's Implementation of Industry Initiative Associated With the Open Phase Condition Design Vulnerabilities In Electric Power Systems (NRC Bulletin 2012-01)	

This report does not include INPO and OUTAGE activities.

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

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Enclosure

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FitzPatrick

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
RAD SAFETY 01,02,03,04						1
1	12/16/2019	12/20/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	12/16/2019	12/20/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	12/16/2019	12/20/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	12/16/2019	12/20/2019	IP 71124.04	000728	Occupational Dose Assessment	
FITZPATRICK INITIAL OL EXAM						4
1	01/26/2020	02/01/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	02/23/2020	03/07/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
Rad Safety Insp						1
1	02/10/2020	02/14/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	02/10/2020	02/14/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	02/10/2020	02/14/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	02/10/2020	02/14/2020	IP 71124.04	000728	Occupational Dose Assessment	
TRIENNIAL FIRE PROTECTION						4
1	03/16/2020	03/20/2020	IP 71111.05T	000696	Fire Protection	
1	03/30/2020	04/03/2020	IP 71111.05T	000696	Fire Protection	
FORCE-ON-FORCE PLANNING AND EXERCISE WEEK						6
1	04/06/2020	04/10/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1	04/27/2020	05/01/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
Fitz Requal Inspection with P/F Results						2
1	05/03/2020	05/09/2020	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance	
1	05/03/2020	05/09/2020	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
Rad Safety RETS						1
1	05/04/2020	05/08/2020	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1	05/04/2020	05/08/2020	IP 71151	000746	Performance Indicator Verification	
CYBER FULL IMP						2
1	05/18/2020	05/22/2020	IP 71130.10P	000741	Cyber Security	
1	06/08/2020	06/12/2020	IP 71130.10P	000741	Cyber Security	

IP 22 Inspection Activity Plan Report

FitzPatrick

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
FITZPATRICK EP PROGRAM INSPECTION						1
1	07/13/2020	07/17/2020	IP 71114.02	000717	Alert and Notification System Testing	
1	07/13/2020	07/17/2020	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1	07/13/2020	07/17/2020	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	07/13/2020	07/17/2020	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1	07/13/2020	07/17/2020	IP 71151	001397	Performance Indicator Verification	
Rad Safety Instruments						1
1	07/20/2020	07/24/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
Access Control, Equip perf, Training						3
1	08/17/2020	08/21/2020	IP 71130.02	000734	Access Control	
1	08/17/2020	08/21/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1	08/17/2020	08/21/2020	IP 71130.07	000739	Security Training	
1	08/17/2020	08/21/2020	IP 71151	001338	Performance Indicator Verification	
Radwaste						1
1	08/31/2020	09/04/2020	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
Rad Safety Inspection						1
1	09/14/2020	09/18/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	09/14/2020	09/18/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	09/14/2020	09/18/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	09/14/2020	09/18/2020	IP 71124.04	000728	Occupational Dose Assessment	
ISI - UNIT 1						1
1	09/20/2020	09/26/2020	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
Rad Safety Inspection						1
1	11/02/2020	11/06/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	11/02/2020	11/06/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	11/02/2020	11/06/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	11/02/2020	11/06/2020	IP 71124.04	000728	Occupational Dose Assessment	
1	11/02/2020	11/06/2020	IP 71151	000746	Performance Indicator Verification	

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FitzPatrick

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
FY21 Fitzpatrick Examination						4
1	12/13/2020	12/19/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	01/17/2021	01/30/2021	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
Rad Safety Inspection						1
1	02/08/2021	02/12/2021	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	02/08/2021	02/12/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	02/08/2021	02/12/2021	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	02/08/2021	02/12/2021	IP 71124.04	000728	Occupational Dose Assessment	
MATERIAL CONTROL AND ACCOUNTABILITY						1
1	03/21/2021	03/27/2021	IP 71130.11	000742	Material Control and Accounting (MC&A)	
DESIGN BASIS ASSURANCE INSPECTION (PROGRAMS) - POWER OPERATED VALVE						3
1	05/02/2021	05/08/2021	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
1	05/16/2021	05/22/2021	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
Rad Safety Inspection						1
1	05/10/2021	05/14/2021	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	05/10/2021	05/14/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	05/10/2021	05/14/2021	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	05/10/2021	05/14/2021	IP 71124.04	000728	Occupational Dose Assessment	
Access Control, Protective Strategy, TSR						4
1	05/10/2021	05/14/2021	IP 71130.02	000734	Access Control	
1	05/10/2021	05/14/2021	IP 71130.05	000737	Protective Strategy Evaluation	
1	05/10/2021	05/14/2021	IP 71130.14	000743	Review of Power Reactor Target Sets	
1	05/10/2021	05/14/2021	IP 71151	001338	Performance Indicator Verification	
PI&R BIENNIAL						4
1	06/14/2021	06/18/2021	IP 71152B	000747	Problem Identification and Resolution	
1	06/28/2021	07/02/2021	IP 71152B	000747	Problem Identification and Resolution	