



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

August 28, 2018

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 05000333/2018005)

Dear Mr. Hanson:

The enclosed inspection plan lists the inspections scheduled through June 30, 2020, for the 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 the baseline inspections, the NRC plans to conduct Inspection Procedure 60855.1, "Operation of an Independent Spent Fuel Storage Installation at Operating Plants," at your facility.

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 the NRC's Public Document

Room in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR), Part 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Please contact me at (610)337-6953 with any questions you have regarding this letter.

Sincerely,

**/RA/**

Anthony Dimitriadis, Chief  
Reactor Projects Branch 5  
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 (INSPECTION REPORT 05000333/2018005) DATED  
AUGUST 28, 2018

DISTRIBUTION: (via email)

DLew, RA (R1ORAMAIL RESOURCE)  
JGiessner, DRA (R1ORAMAIL RESOURCE)  
RLorson, DRP (R1DRPMAIL RESOURCE)  
DPelton, DRP (R1DRPMAIL RESOURCE)  
JYerokun, DRS (R1DRSMAIL RESOURCE)  
BWellington, DRS (R1DRSMAIL RESOURCE)  
ADimitriadis, DRP  
LCline, DRP  
PBoguszewski, DRP  
MHardgrove, DRP  
GStock, DRP, SRI  
ATrudell, DRP, AA  
CCook, RI OEDO  
RidsNrrPMFitzPatrick Resource  
RidsNrrDorLpl1 Resource  
ROPReports Resource  
DRS Branch Chiefs (4)  
DTifft, RI, SLO  
DScrenci, RI, PAO  
NSheehan, RI, PAO  
RidsNrrDirslpab Resource  
ROPAssessment Resource

DOCUMENT: S:\ROP Assessment Meetings\ROP-19 Second Quarter Process\BRANCH 5\FitzPatrick ROP-19 Letter.docx  
ADAMS ACCESSION NUMBER: **ML18240A094**

<input checked="" type="checkbox"/> SUNSI Review		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available	
OFFICE	RI/DRP	RI/DRP			
NAME	LCline via email	ADimitriadis			
DATE	08/24/18	08/27/18			

OFFICIAL RECORD COPY

# IP 22 Inspection Activity Plan Report

## FitzPatrick

07/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>EP PROGRAM INSPECTION</b>						1
1	07/16/2018	07/20/2018	IP 71114.02	000717	Alert and Notification System Testing	
1	07/16/2018	07/20/2018	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1	07/16/2018	07/20/2018	IP 71114.05	000720	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	07/16/2018	07/20/2018	IP 71151	001397	Performance Indicator Verification	
<b>RETS</b>						1
1	07/16/2018	07/20/2018	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1	07/16/2018	07/20/2018	IP 71151	000746	Performance Indicator Verification	
<b>TI-191 FUKUSHIMA LESSONS LEARNED</b>						3
1	07/23/2018	07/27/2018	TI 2515/191	000509	Inspection of Licensee's Responses to Order EA-12-049, EA-12-051 & EP Info Request March 12, 2012	
<b>MC&amp;A</b>						1
1	08/06/2018	08/10/2018	IP 71130.11	000742	Material Control and Accounting (MC&A)	
<b>RAD INSTRUMENTATION</b>						1
1	08/13/2018	08/17/2018	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1	08/13/2018	08/17/2018	IP 71151	000746	Performance Indicator Verification	
<b>Unit 1 Inservice Inspection</b>						1
1	09/17/2018	09/21/2018	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
<b>RAD SAFETY INSPECTION</b>						1
1	09/24/2018	09/28/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	09/24/2018	09/28/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	09/24/2018	09/28/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	09/24/2018	09/28/2018	IP 71124.04	000728	Occupational Dose Assessment	
1	09/24/2018	09/28/2018	IP 71151	000746	Performance Indicator Verification	
<b>FITZPATRICK INITIAL OL EXAM</b>						4
1	12/10/2018	12/14/2018	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	01/14/2019	01/25/2019	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.

Page 1 of 4

8/6/2018 7:12:08 AM

Enclosure

# IP 22 Inspection Activity Plan Report

**FitzPatrick**

07/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>RAD SAFETY 01,02,03,04</b>						1
1	04/22/2019	04/26/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	04/22/2019	04/26/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	04/22/2019	04/26/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	04/22/2019	04/26/2019	IP 71124.04	000729	Occupational Dose Assessment	
<b>PI&amp;R BIENNIAL</b>						4
1	04/22/2019	04/26/2019	IP 71152B	000747	Problem Identification and Resolution	
1	05/06/2019	05/10/2019	IP 71152B	000747	Problem Identification and Resolution	
<b>EP EXERCISE INSPECTION</b>						5
1	04/24/2019	06/28/2019	IP 71114.08	000723	Exercise Evaluation □ Scenario Review	
1	06/24/2019	06/28/2019	IP 71114.01	000716	Exercise Evaluation	
1	06/24/2019	06/28/2019	IP 71151	001397	Performance Indicator Verification	
<b>PROTECTIVE STRATEGY &amp; TARGET SET REVIEW</b>						3
1	06/03/2019	06/07/2019	IP 71130.05	000737	Protective Strategy Evaluation	
1	06/03/2019	06/07/2019	IP 71130.14	000743	Review of Power Reactor Target Sets	
<b>ISFSI Loading Campaign Inspection</b>						2
1	06/24/2019	06/28/2019	IP 60855	001001	Operation Of An ISFSI	
1	06/24/2019	06/28/2019	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
<b>RAD SAFETY 01,02,03,04</b>						1
1	06/24/2019	06/28/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	06/24/2019	06/28/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	06/24/2019	06/28/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	06/24/2019	06/28/2019	IP 71124.04	000729	Occupational Dose Assessment	
<b>Design Basis Assurance Inspection</b>						6
1	07/15/2019	07/19/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
1	07/29/2019	08/02/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
<b>RAD SAFETY REMP</b>						1
1	09/09/2019	09/13/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
1	09/09/2019	09/13/2019	IP 71151	000746	Performance Indicator Verification	

# IP 22 Inspection Activity Plan Report

**FitzPatrick**

07/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>ACCESS CONTROL, EQUIP PERF, TRAINING</b>						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	
<b>Rad Safety Inspection 01, 02, 03, 04</b>						1
1	10/21/2019	10/25/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	10/21/2019	10/25/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	10/21/2019	10/25/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	10/21/2019	10/25/2019	IP 71124.04	000729	Occupational Dose Assessment	
1	10/21/2019	10/25/2019	IP 71151	000746	Performance Indicator Verification	
<b>CYBER FULL IMP</b>						2
1	10/21/2019	10/25/2019	IP 71130.10P	000741	Cyber Security	
1	11/04/2019	11/08/2019	IP 71130.10P	000741	Cyber Security	
<b>Rad Safety Insp</b>						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	000729	Occupational Dose Assessment	
<b>FITZPATRICK INITIAL OL EXAM</b>						4
1	02/10/2020	02/14/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	03/09/2020	03/20/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>TRIENNIAL FIRE PROTECTION</b>						4
1	03/16/2020	03/20/2020	IP 71111.05T	000696	Fire Protection (Triennial)	
1	03/30/2020	04/03/2020	IP 71111.05T	000696	Fire Protection (Triennial)	
<b>FORCE-ON-FORCE PLANNING AND EXERCISE WEEK</b>						7
1	04/20/2020	04/24/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1	05/11/2020	05/15/2020	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	

# IP 22 Inspection Activity Plan Report

## FitzPatrick

07/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Fitz Requal Inspection with P/F Results</b>						2
1	05/04/2020	05/08/2020	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance (Annual)	
1	05/04/2020	05/08/2020	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
<b>Rad Safety RETS</b>						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	