



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION I
2100 RENAISSANCE BLVD., SUITE 100
KING OF PRUSSIA, PA 19406-2713

March 1, 2017

Mr. Brian Sullivan
Site Vice President
Entergy Nuclear Northeast
James A. FitzPatrick Nuclear Power Plant
P.O. Box 110
Lycoming, NY 13093

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR JAMES A. FITZPATRICK NUCLEAR
POWER PLANT (REPORT 05000333/2016006)**

Dear Mr. Sullivan:

The U.S. Nuclear Regulatory Commission (NRC) has completed its end-of-cycle performance assessment of James A. FitzPatrick Nuclear Power Plant (FitzPatrick), reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2016 through December 31, 2016. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. The NRC concluded that overall performance at your facility preserved public health and safety.

The NRC determined the performance at FitzPatrick during the most recent quarter was within the Licensee Response Column, the highest performance category of the NRC's Reactor Oversight Process (ROP) Action Matrix in Inspection Manual Chapter 0305, "Operating Reactor Assessment Program," because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

By letter dated March 16, 2016 (ML16076A391¹), Entergy informed the NRC of their plans to permanently shut down the FitzPatrick station on January 27, 2017. On July 13, 2016, the NRC became aware of the potential sale of FitzPatrick to Exelon Generation and the potential for continued operation and then, by letter dated January 4, 2017 (ML17012A280), Entergy submitted a withdrawal of the Permanent Cessation Letter for FitzPatrick. We will continue to use the inherent flexibility in the ROP and Inspection Program to make inspection sampling adjustments to better inform our assessment of performance during this unique period of operations.

The enclosed inspection plan lists the inspections scheduled through December 31, 2018. 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

¹ The designation in parentheses refers to an Agencywide Documents Access and Management System (ADAMS) Accession Number. Documents referenced in this letter are publicly available using the Accession Number in ADAMS.

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. This inspection plan does not include the plan for security-related inspections, which will be sent via separate, non-publicly available correspondence.

In addition to the baseline inspections, the NRC will be performing Inspection Procedure 60855.1, "Operation of an ISFSI at Operating Plants."

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) 337-5069 with any questions you have regarding this letter.

Sincerely,

/RA/

Arthur L. Burritt, Chief
Reactor Projects Branch 5
Division of Reactor Projects

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

Enclosure:
FitzPatrick Activity/Inspection Plan

cc w/encl: Distribution via ListServ

SUBJECT: ANNUAL ASSESSMENT LETTER FOR JAMES A. FITZPATRICK NUCLEAR
POWER PLANT (REPORT 05000333/2016006) DATED MARCH 1, 2017

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FitzPatrick
Inspection / Activity Plan
01/01/2017 - 12/31/2018

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		71124 - RAD SAFETY INSPECTION		1
1	01/23/2017 01/27/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	01/23/2017 01/27/2017	IP 71124.02	Occupational ALARA Planning and Controls	
1	01/23/2017 01/27/2017	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	01/23/2017 01/27/2017	IP 71124.04	Occupational Dose Assessment	
		7111108G - INSERVICE INSPECTION		1
1	01/23/2017 01/27/2017	IP 7111108G	Inservice Inspection Activities - BWR	
		71124 - RAD SAFETY INSPECTION		1
1	04/24/2017 04/28/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	04/24/2017 04/28/2017	IP 71124.02	Occupational ALARA Planning and Controls	
1	04/24/2017 04/28/2017	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
		7111105T - TRIENNIAL FIRE PROTECTION		5
1	05/01/2017 05/05/2017	IP 7111105T	Fire Protection [Triennial]	
1	05/15/2017 05/19/2017	IP 7111105T	Fire Protection [Triennial]	
		11/13EXM - FITZPATRICK INITIAL OL EXAM		4
1	09/18/2017 09/22/2017	U01939	FY18-FITZ INITIAL OPERATOR LICENSING EXAM	
1	10/16/2017 10/20/2017	U01939	FY18-FITZ INITIAL OPERATOR LICENSING EXAM	
		71152B - PI&R BIENNIAL		4
1	07/17/2017 07/21/2017	IP 71152B	Problem Identification and Resolution	
1	07/31/2017 08/04/2017	IP 71152B	Problem Identification and Resolution	
		EP - EP EXERCISE EVALUATION		5
1	07/24/2017 07/28/2017	IP 7111401	Exercise Evaluation	
1	07/24/2017 07/28/2017	IP 71151	Performance Indicator Verification	
		71124 - REMP		1
1	06/05/2017 06/09/2017	IP 71124.07	Radiological Environmental Monitoring Program	
1	06/05/2017 06/09/2017	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
		71124 - RAD SAFETY INSPECTION		1
1	08/21/2017 08/25/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	08/21/2017 08/25/2017	IP 71124.02	Occupational ALARA Planning and Controls	
1	08/21/2017 08/25/2017	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
		ISFSI - ISFSI OPERATIONAL INSPECTION		1
1	10/02/2017 10/06/2017	IP 60855	Operation Of An ISFSI	
1	10/02/2017 10/06/2017	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	

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

Enclosure

FitzPatrick
Inspection / Activity Plan
01/01/2017 - 12/31/2018

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		71124 - RAD SAFETY INSPECTION		1
1	10/09/2017 10/13/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	10/09/2017 10/13/2017	IP 71124.02	Occupational ALARA Planning and Controls	
1	10/09/2017 10/13/2017	IP 71124.04	Occupational Dose Assessment	
		711111B - FITZ REQUAL INSP W/ P/F RESULTS		2
1	05/07/2018 05/11/2018	IP 711111A	Licensed Operator Requalification Program - Annual Review	
1	05/07/2018 05/11/2018	IP 711111B	Licensed Operator Requalification Program	
		71124 - HP		1
1	03/26/2018 03/30/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	03/26/2018 03/30/2018	IP 71124.02	Occupational ALARA Planning and Controls	
		7111117T - 50.59 PROCESS		3
1	03/26/2018 03/30/2018	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
		71124.08 - RADWASTE		1
1	05/14/2018 05/18/2018	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
		71124 - RETS		1
1	05/21/2018 05/25/2018	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
		HEAT - TRIENNIAL HEAT SINK		1
1	06/11/2018 06/15/2018	IP 7111107T	Heat Sink Performance	
		EP - EP PROGRAM INSPECTION		1
1	07/16/2018 07/20/2018	IP 7111402	Alert and Notification System Testing	
1	07/16/2018 07/20/2018	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	07/16/2018 07/20/2018	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	07/16/2018 07/20/2018	IP 71151	Performance Indicator Verification	
		71124 - RAD INSTRUMENTATION		1
1	08/13/2018 08/17/2018	IP 71124.05	Radiation Monitoring Instrumentation	
1	08/13/2018 08/17/2018	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
		71124 - RAD SAFETY INSPECTION		1
1	09/24/2018 09/28/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	09/24/2018 09/28/2018	IP 71124.02	Occupational ALARA Planning and Controls	
1	09/24/2018 09/28/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	09/24/2018 09/28/2018	IP 71124.04	Occupational Dose Assessment	
1	09/24/2018 09/28/2018	IP 71151-OR01	Occupational Exposure Control Effectiveness	

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FitzPatrick
Inspection / Activity Plan
01/01/2017 - 12/31/2018

Unit Number	Planned Dates Start End		Inspection Activity	Title	No. of Staff on Site
U1 ISI - UNIT 1 INSERVICE INSPECTION					2
1	09/24/2018	09/28/2018	IP 7111108G	Inservice Inspection Activities - BWR	

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