



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

March 2, 2016

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 05000333/2015006)**

Dear Mr. Sullivan:

On February 9, 2016, the U.S. Nuclear Regulatory Commission (NRC) completed its end-of cycle performance review of James A. FitzPatrick Nuclear Power Plant (FitzPatrick). The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2015, through December 31, 2015. 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 determined that overall, FitzPatrick operated in a manner that preserved public health and safety and met all cornerstone objectives. FitzPatrick was in the Regulatory Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix in Inspection Manual Chapter (IMC) 0305, "Operating Reactor Assessment Program," until the third quarter of 2015, due to a White PI for "Unplanned Power Changes per 7000 Critical Hours." As documented in an assessment follow-up letter dated November 6, 2015 (ML15314A159<sup>1</sup>), FitzPatrick transitioned to the Licensee Response Column, effective October 1, 2015, due to successful completion of a supplemental inspection in accordance with Inspection Procedure 95001, "Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area," and return of this PI to the nominal, expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2017. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to baseline inspections, the NRC will perform Inspection Procedure 60855, "Inspection of the Operation of Independent Spent Fuel Storage Installation." The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC is aware of your recent announcement on February 18, 2016, regarding plans to permanently shut down and begin decommissioning FitzPatrick on January 27, 2017. Therefore, inspections currently scheduled beyond January 2017 are

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<sup>1</sup> The designation in parenthesis refers to an Agencywide Documents Access and Management System (ADAMS) Accession Number. The document referenced in this letter is publicly available using the Accession Number in ADAMS.

B. Sullivan

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tentative. After you formally notify the NRC in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 50.82(a)(1)(ii) that FitzPatrick is permanently shut down and that all nuclear fuel has been removed from the reactor vessel, FitzPatrick will transition from IMC 0305 and IMC 2515, "Light Water Reactor Inspection Program – Operations Phase," to IMC 2561, "Decommissioning Power Reactor Inspection Program." 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 security-related inspections, which will be sent via separate, non-publicly available correspondence.

From January 1 to December 31, 2015, the NRC issued one Severity Level IV traditional enforcement violation associated with impeding the regulatory process to FitzPatrick. Inspection Procedure 92702, "Follow-up on Corrective Actions for Violations and Deviations," will not be performed because the issue has already been reviewed through baseline inspection.

In accordance with 10 CFR Part 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 component of NRC's 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 Arthur Burritt at (610)337-5069 with any questions you have regarding this letter.

Sincerely,

/RA/

Michael L. Scott, Director  
Division of Reactor Projects

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

Enclosure:  
FitzPatrick Inspection/Activity Plan

cc w/encl: Distribution via ListServ

B. Sullivan

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FitzPatrick Inspection/Activity Plan

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DOCUMENT NAME: S:\ROP Assessment Meetings\ROP-16 EOC Review\Branch 5\Fitzpatrick\ROP-16 FP EOC Letter Final.docx  
ADAMS Accession No. **ML16060A114**

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DATE	2/23/16	2/23/16	2/29/16		

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**FitzPatrick**  
**Inspection / Activity Plan**  
**01/01/2016 - 12/31/2017**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>3/7EXAM - INITIAL OL EXAM</b>		<b>4</b>
1	02/15/2016	02/19/2016	U01932	FY16-FITZ INITIAL OPERATOR LICENSING EXAM	
1	03/07/2016	03/11/2016	U01932	FY16-FITZ INITIAL OPERATOR LICENSING EXAM	
			<b>711121N - CDBI PROGRAM INSPECTION</b>		<b>3</b>
1	02/22/2016	02/26/2016	IP 711121	Component Design Bases Inspection	
			<b>711111B - FITZ REQUAL INSP WITH P/F RESULTS</b>		<b>2</b>
1	05/02/2016	05/06/2016	IP 711111B	Licensed Operator Requalification Program	
			<b>711121M - CDBI TEAM INSPECTION</b>		<b>6</b>
1	04/11/2016	04/15/2016	IP 711121	Component Design Bases Inspection	
1	04/25/2016	04/29/2016	IP 711121	Component Design Bases Inspection	
			<b>71124 - RAD SAFETY INSPECTION</b>		<b>1</b>
1	05/02/2016	05/06/2016	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	05/02/2016	05/06/2016	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			<b>71124.08 - RADWASTE</b>		<b>1</b>
1	05/16/2016	05/20/2016	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			<b>EP - EP PROGRAM INSPECTION</b>		<b>1</b>
1	07/11/2016	07/15/2016	IP 7111402	Alert and Notification System Testing	
1	07/11/2016	07/15/2016	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	07/11/2016	07/15/2016	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
			<b>71124 - RAD SAFETY INSPECTION</b>		<b>1</b>
1	06/13/2016	06/17/2016	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	06/13/2016	06/17/2016	IP 71124.02	Occupational ALARA Planning and Controls	
1	06/13/2016	06/17/2016	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	06/13/2016	06/17/2016	IP 71124.04	Occupational Dose Assessment	
			<b>71124 - RAD SAFETY INSPECTION</b>		<b>1</b>
1	08/22/2016	08/26/2016	IP 71124.05	Radiation Monitoring Instrumentation	
			<b>71124 - RAD SAFETY INSPECTION</b>		<b>1</b>
1	09/26/2016	09/30/2016	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	09/26/2016	09/30/2016	IP 71124.02	Occupational ALARA Planning and Controls	
1	09/26/2016	09/30/2016	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	09/26/2016	09/30/2016	IP 71124.04	Occupational Dose Assessment	
1	09/26/2016	09/30/2016	IP 71124.05	Radiation Monitoring Instrumentation	
1	09/26/2016	09/30/2016	IP 71151-OR01	Occupational Exposure Control Effectiveness	

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

Enclosure

**FitzPatrick**  
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**01/01/2016 - 12/31/2017**

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	Start	End			
			<b>EP - EP EXERCISE EVALUATION</b>		<b>4</b>
1	04/24/2017	04/28/2017	IP 7111401	Exercise Evaluation	
1	04/24/2017	04/28/2017	IP 71151	Performance Indicator Verification	
			<b>71124 - HP INSPECTION</b>		<b>1</b>
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	
			<b>11/13EXM - FITZPATRICK INITIAL EXAM</b>		<b>4</b>
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	
			<b>ISFSI - ISFSI LOADING CAMPAIGN INSPECTION</b>		<b>1</b>
1	06/12/2017	06/16/2017	IP 60855	Operation Of An ISFSI	
1	06/12/2017	06/16/2017	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			<b>7111105T - TRIENNIAL FIRE PROTECTION</b>		<b>4</b>
1	10/02/2017	10/06/2017	IP 7111105T	Fire Protection [Triennial]	
1	10/16/2017	10/20/2017	IP 7111105T	Fire Protection [Triennial]	

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