



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION I  
2100 RENAISSANCE BLVD.  
KING OF PRUSSIA, PA 19406-2713

August 28, 2017

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: UPDATED INSPECTION PLAN FOR JAMES A. FITZPATRICK NUCLEAR  
POWER PLANT (REPORT 05000333/2017005)

Dear Mr. Hanson:

The enclosed inspection plan lists the inspections scheduled through June 30, 2019, for the James A. FitzPatrick Nuclear Power Plant. The U.S. Nuclear Regulatory Commission (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. 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 normal baseline inspections, the NRC will be performing Inspection Procedure 60855.1, "Operation of an ISFSI at Operating Plants."

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:  
Inspection Plan

cc: Distribution via ListServ

SUBJECT: UPDATED INSPECTION PLAN FOR JAMES A. FITZPATRICK NUCLEAR POWER PLANT (REPORT 05000333/2017005) dated August 28, 2017

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 ADAMS ACCESSION NUMBER: **ML17237A171**

<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	MCatts	ABurritt			
DATE	8/14/17	8/15/17			

OFFICIAL RECORD COPY

**FitzPatrick**  
**Inspection / Activity Plan**  
**07/01/2017 - 06/30/2019**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>11/13EXM - FITZPATRICK INITIAL OL 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>71152B - PI&amp;R BIENNIAL</b>		<b>4</b>
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	
			<b>EP - EP EXERCISE EVALUATION</b>		<b>6</b>
1	07/24/2017	07/28/2017	IP 7111401	Exercise Evaluation	
1	07/24/2017	07/28/2017	IP 71151	Performance Indicator Verification	
			<b>71124 - RAD SAFETY INSPECTION</b>		<b>1</b>
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	
			<b>ISFSI - ISFSI OPERATIONAL INSPECTION</b>		<b>1</b>
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	
			<b>71124 - RAD SAFETY INSPECTION</b>		<b>1</b>
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	
			<b>5/21EXAM - FITZPATRICK INITIAL OL EXAM</b>		<b>4</b>
1	04/23/2018	04/27/2018	U01981	FY18 FITZPATRICK EXAM (MAY 2018)	
1	05/21/2018	05/25/2018	U01981	FY18 FITZPATRICK EXAM (MAY 2018)	
			<b>7111111B - FITZ REQUAL INSP W/ P/F RESULTS</b>		<b>2</b>
1	05/07/2018	05/11/2018	IP 7111111A	Licensed Operator Requalification Program - Annual Review	
1	05/07/2018	05/11/2018	IP 7111111B	Licensed Operator Requalification Program	
			<b>71124 - HP</b>		<b>1</b>
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	
			<b>7111117T - 50.59 PROCESS</b>		<b>3</b>
1	03/26/2018	03/30/2018	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
			<b>71124.08 - RADWASTE</b>		<b>1</b>
1	05/14/2018	05/18/2018	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	

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

Enclosure

**FitzPatrick**  
**Inspection / Activity Plan**  
**07/01/2017 - 06/30/2019**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>71124 - RETS</b>		<b>1</b>
1	05/21/2018	05/25/2018	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
			<b>HEAT - TRIENNIAL HEAT SINK</b>		<b>1</b>
1	06/11/2018	06/15/2018	IP 7111107T	Heat Sink Performance	
			<b>EP - EP PROGRAM INSPECTION</b>		<b>1</b>
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	
			<b>71124 - RAD INSTRUMENTATION</b>		<b>1</b>
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	
			<b>71124 - RAD SAFETY INSPECTION</b>		<b>1</b>
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	
			<b>U1 ISI - UNIT 1 INSERVICE INSPECTION</b>		<b>2</b>
1	09/24/2018	09/28/2018	IP 7111108G	Inservice Inspection Activities - BWR	
			<b>71152B - PI&amp;R BIENNIAL</b>		<b>1</b>
1	04/22/2019	04/26/2019	IP 71152B	Problem Identification and Resolution	
1	05/06/2019	05/10/2019	IP 71152B	Problem Identification and Resolution	
			<b>71124 - RAD SAFETY 01,02,03,04</b>		<b>1</b>
1	04/22/2019	04/26/2019	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	04/22/2019	04/26/2019	IP 71124.02	Occupational ALARA Planning and Controls	
1	04/22/2019	04/26/2019	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	04/22/2019	04/26/2019	IP 71124.04	Occupational Dose Assessment	
			<b>EP - EP EXERCISE INSPECTION</b>		<b>5</b>
1	04/24/2019	06/28/2019	IP 7111408	Exercise Evaluation – Scenario Review	
1	06/24/2019	06/28/2019	IP 7111401	Exercise Evaluation	
1	06/24/2019	06/28/2019	IP 71151	Performance Indicator Verification	

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**Inspection / Activity Plan**  
**07/01/2017 - 06/30/2019**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
<b>71124 - RAD SAFETY 01,02,03,04</b>					<b>1</b>
1	06/24/2019	06/28/2019	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	06/24/2019	06/28/2019	IP 71124.02	Occupational ALARA Planning and Controls	
1	06/24/2019	06/28/2019	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	06/24/2019	06/28/2019	IP 71124.04	Occupational Dose Assessment	

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