



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

March 4, 2014

Mr. Lawrence Coyle
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 05000333/2013001)**

Dear Mr. Coyle:

On February 13, 2014, 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 in addition to inspection results and enforcement actions from January 1, 2013, through December 31, 2013. 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. The NRC determined the performance at FitzPatrick during the most recent quarter was within the Regulatory Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix, because all inspection findings had very low safety significance (Green) and one performance indicator was of low to moderate safety significance (White) in the Initiating Events cornerstone. Specifically, the "Unplanned Power Changes per 7,000 Critical Hours" performance indicator exceeded the Green/White threshold value in the fourth quarter of 2012. In addition to baseline inspections, the NRC began a supplemental inspection for the White performance indicator on January 21, 2014, in accordance with Inspection Procedure (IP) 95001, "Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area." As of the date of this letter, this inspection has not yet been completed. The NRC will notify you of the results of this inspection via a separate inspection report which will be publically available. The performance indicator will continue to be a White ROP Action Matrix input until the performance indicator results allow it to transition below the Green/White threshold. The NRC will notify you via separate correspondence when the plant will transition to the Licensee Response Column.

As a result of the Safety Culture Common Language Initiative, the terminology and coding of cross-cutting aspects were revised. All cross-cutting aspects identified during inspections conducted in calendar year (CY) 2014 will reflect this revision to Inspection Manual Chapter (IMC) 0310. The CY 2013 end-of-cycle assessments were conducted using the IMC 0310 guidance in effect in CY 2013 (dated October 28, 2011). Cross-cutting aspects identified in 2013 using the 2013 terminology will be converted to the latest revision in accordance with the

cross-reference in IMC 0310 during the mid-cycle assessment review and evaluated for cross-cutting themes and potential substantive cross-cutting issues in accordance with IMC 0305.

The enclosed inspection plan lists the inspections scheduled through June 30, 2015. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-cycle performance review. In addition to baseline inspections, the NRC will perform IP 71003, "Post-Approval Site Inspection for License Renewal – Phase 2," and IP 60855.1, "Operation of an Independent Spent Fuel Storage Installation at Operating Plants." The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. 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.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding," 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 the NRC's Agencywide Document Access and Management 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 Arthur Burritt at (610)337-5069 with any questions you have regarding this letter.

Sincerely,

/RA/

Michael L. Scott
Acting Director
Division of Reactor Projects

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

Enclosure: Inspection Plan

cc w/encl: Distribution via ListServ

cross-reference in IMC 0310 during the mid-cycle assessment review and evaluated for cross-cutting themes and potential substantive cross-cutting issues in accordance with IMC 0305.

The enclosed inspection plan lists the inspections scheduled through June 30, 2015. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-cycle performance review. In addition to baseline inspections, the NRC will perform IP 71003, "Post-Approval Site Inspection for License Renewal – Phase 2," and IP 60855.1, "Operation of an Independent Spent Fuel Storage Installation at Operating Plants." The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. 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.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding," 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 the NRC's Agencywide Document Access and Management 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 Arthur Burritt at (610)337-5069 with any questions you have regarding this letter.

Sincerely,

/RA/

Michael L. Scott
Acting Director
Division of Reactor Projects

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

Enclosure: Inspection Plan

cc w/encl: Distribution via ListServ

<u>Distribution w/encl:</u>	L. McKown, DRP	R. McKinley, DRP	L. Pinkham, DRP
W. Dean, RA	J. Petch, DRP	K. Mangan, DRP	K. Heater, DRS
D. Lew, DRA	E. Knutson, DRP	R. Powell, DRP	T. Haverkamp, DNMS
M. Scott, DRP	B. Siemel, DRP	A. Dimitriadis, DRS	RidsNrrPMFitzPatrick Res
E. Benner, DRP	S. Quenneville, DRP	J. Noggle, DRS	RidsNrrDorLp1-1 Res
R. Lorson, DRS	D. Screnci, PAO	M. Gray, DRS	ROPReports Resource
J. Trapp, DRS	N. Sheehan, PAO	P. Krohn, DRS	RidsNrrDirslpab Resource
J. Clifford, DNMS	D. Schroeder, DRP	J. Rogge, DRS	ROPAssessmentResource
J. Marshall, DNMS Actg	A. Burritt, DRP	D. Jackson, DRS	
A. Burritt, DRP	G. Dentel, DRP	E. Quinones, RI OEDO	
T. Setzer, DRP	F. Bower, DRP	C. O'Daniell, ORA	

DOCUMENT NAME: S:\ROP Assessment Meetings\ROP-14 EOC Review\Branch 2\FitzPatrick\Fitz 2013 AAL final.docx

ADAMS Accession No: **ML14063A056**

<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	RI/DRP		
NAME	TSetzer/TCS	ABurritt/ALB	MScott/MLS		
DATE	2/26/14	2/28/14	3/4/14		

OFFICIAL RECORD COPY

FitzPatrick
Inspection / Activity Plan
01/01/2014 - 06/30/2015

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			4/14EXAM - FITZPATRICK INITIAL EXAM		4
1	03/17/2014	03/21/2014	U01887	FY14-FITZPATRICK INITIAL OPERATOR LICENSING EXAM	
1	04/14/2014	04/18/2014	U01887	FY14-FITZPATRICK INITIAL OPERATOR LICENSING EXAM	
			95001 - SUPPLEMENTAL INSPECTION		1
1	01/20/2014	01/24/2014	IP 95001	Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area	
			7111111B - FITZ REQUAL INSPECTION WITH P/F RESULTS		2
1	04/28/2014	05/02/2014	IP 7111111B	Licensed Operator Requalification Program	
			71152B - PI&R BIENNIAL		4
1	04/14/2014	04/19/2014	IP 71152B	Problem Identification and Resolution	
1	04/28/2014	05/03/2014	IP 71152B	Problem Identification and Resolution	
			71124 - RADIATION SAFETY INSPECTION		1
1	04/07/2014	04/11/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	04/07/2014	04/11/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1	04/07/2014	04/11/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	04/07/2014	04/11/2014	IP 71124.04	Occupational Dose Assessment	
			71124.08 - RADWASTE		1
1	05/05/2014	05/09/2014	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			8/18EXAM - FITZPATRICK INITIAL EXAM (2)		4
1	08/25/2014	08/29/2014	U01888	FY14-FITZPATRICK INITIAL OPERATOR LICENSING EXAM (2ND)	
1	09/22/2014	09/26/2014	U01888	FY14-FITZPATRICK INITIAL OPERATOR LICENSING EXAM (2ND)	
			71124 - RADIATION SAFETY INSPECTION		1
1	05/19/2014	05/23/2014	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	05/19/2014	05/23/2014	IP 71151	Performance Indicator Verification	
			EP PROG - EP PROGRAM INSPECTION		1
1	07/07/2014	07/11/2014	IP 7111402	Alert and Notification System Testing	
1	07/07/2014	07/11/2014	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	07/07/2014	07/11/2014	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
			71124 - RADIATION SAFETY INSPECTION		1
1	07/14/2014	07/18/2014	IP 71124.05	Radiation Monitoring Instrumentation	
			71003 - LR COMMITMENTS INSP PHASE 2		4
1	08/11/2014	08/15/2014	IP 71003	Post-Approval Site Inspection for License Renewal	
1	08/25/2014	08/29/2014	IP 71003	Post-Approval Site Inspection for License Renewal	

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

Enclosure

FitzPatrick
Inspection / Activity Plan
01/01/2014 - 06/30/2015

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			TRI FI - TRIENNIAL FIRE PROTECTION		4
1	09/15/2014	09/19/2014	IP 7111105T	Fire Protection [Triennial]	
1	09/29/2014	10/03/2014	IP 7111105T	Fire Protection [Triennial]	
			71124 - RADIATION SAFETY		1
1	10/06/2014	10/10/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	10/06/2014	10/10/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1	10/06/2014	10/10/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	10/06/2014	10/10/2014	IP 71124.04	Occupational Dose Assessment	
1	10/06/2014	10/10/2014	IP 71151	Performance Indicator Verification	
			7111108G - INSERVICE INSPECTION		1
1	10/13/2014	10/17/2014	IP 7111108G	Inservice Inspection Activities - BWR	
			71124 - RAD SAFETY INSP		1
1	11/17/2014	11/21/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	11/17/2014	11/21/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1	11/17/2014	11/21/2014	IP 71124.05	Radiation Monitoring Instrumentation	
			71124 - RAD SAFETY INSPECTION		1
1	04/06/2015	04/10/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	04/06/2015	04/10/2015	IP 71124.02	Occupational ALARA Planning and Controls	
1	04/06/2015	04/10/2015	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	04/06/2015	04/10/2015	IP 71124.04	Occupational Dose Assessment	
1	04/06/2015	04/10/2015	IP 71151	Performance Indicator Verification	
			ISFSI - ISFSI OPERATION INSPECTION		1
1	04/13/2015	04/17/2015	IP 60855	Operation Of An ISFSI	
1	04/13/2015	04/17/2015	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			MODS - PERMANENT PLANT MODIFICATIONS		3
1	06/01/2015	06/05/2015	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
			7111107T - TRIENNIAL HEAT SINK		1
1	06/08/2015	06/12/2015	IP 7111107T	Heat Sink Performance	
			MODS - PERMANENT PLANT MODIFICATIONS		3
1	06/15/2015	06/19/2015	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	

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

Enclosure