



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PA 19406-1415

September 1, 2010

Mr. Peter T. Dietrich  
Site Vice President  
Entergy Nuclear Northeast  
James A. FitzPatrick Nuclear Power Plant  
Post Office Box 110  
Lycoming, NY 13093

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

Dear Mr. Dietrich:

On August 12, 2010, the Nuclear Regulatory Commission (NRC) staff completed its performance review of the James A. FitzPatrick Nuclear Power Plant. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from July 1, 2009 through June 30, 2010. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only – Security Information" will include the security cornerstone review and resultant inspection plan.

Plant performance for the most recent quarter at the James A. FitzPatrick Nuclear Power Plant was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through December 31, 2011. The plan includes an inspection of your independent spent fuel storage installation. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle review.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made 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).

P. Dietrich

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If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 610-337-5209 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

A handwritten signature in black ink, appearing to read "Mel Gray", with a long, sweeping flourish extending to the right.

Mel Gray, Chief  
Reactor Projects Branch 2  
Division of Reactor Projects

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

Attachment: James A. FitzPatrick Inspection/Activity Plan

cc w/encl: Distribution via ListServ

P. Dietrich

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Sincerely,

/RA/

Mel Gray, Chief  
Reactor Projects Branch 2  
Division of Reactor Projects

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

Attachment: James A. FitzPatrick Inspection/Activity Plan

cc w/encl: Distribution via ListServ

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**SUNSI Review Complete: BB (Reviewer's Initials)**

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OFFICE	RI/DRP	RI/DRP	RI/DRP
NAME	SMcCarver/ SM	BBickett/ BB	MGray/ MG
DATE	08/24/2010	08/24/2010	08/27/2010

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**FitzPatrick**  
**Inspection / Activity Plan**  
**07/01/2010 - 12/31/2011**

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		<b>CDBI - COMPONENT DESIGN BASES INSPECTION</b>		<b>6</b>
1	06/21/2010 07/02/2010	IP 7111121	Component Design Bases Inspection	
		<b>7111108G - INSERVICE INSPECTION</b>		<b>1</b>
1	09/20/2010 09/24/2010	IP 7111108G	Inservice Inspection Activities - BWR	
		<b>71124 - HP OUTAGE INSPECTION ACCESS/ALARA/AIR/PI</b>		<b>1</b>
1	09/27/2010 10/01/2010	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	09/27/2010 10/01/2010	IP 71124.02	Occupational ALARA Planning and Controls	
1	09/27/2010 10/01/2010	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	09/27/2010 10/01/2010	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	09/27/2010 10/01/2010	IP 71151-PR01	RETS/ODCM Radiological Effluent	
		<b>71152B - PI&amp;R</b>		<b>5</b>
1	11/15/2010 11/19/2010	IP 71152B	Identification and Resolution of Problems	
1	11/29/2010 12/03/2010	IP 71152B	Identification and Resolution of Problems	
		<b>71124 - HP-INSTRUMENTS</b>		<b>1</b>
1	03/07/2011 03/11/2011	IP 2515/179	Verification of Licensee Responses to NRC Requirement for Inventories of Materials Tracked in NSTS	
1	03/07/2011 03/11/2011	IP 71124.05	Radiation Monitoring Instrumentation	
		<b>71124 - HP-EFFLUENTS</b>		<b>1</b>
1	04/11/2011 04/15/2011	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
		<b>71124 - HP-DOSE / REMP / ISFSI</b>		<b>1</b>
1	05/09/2011 05/13/2011	IP 60855	Operation Of An ISFSI	
1	05/09/2011 05/13/2011	IP 71124.04	Occupational Dose Assessment	
1	05/09/2011 05/13/2011	IP 71124.07	Radiological Environmental Monitoring Program	
		<b>TI-177 - MANAGING GAS ACCUMULATION IN ECCS</b>		<b>2</b>
1	05/16/2011 05/20/2011	IP 2515/177	Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal & Containment Spray System	
		<b>EP EX - EP EXERCISE INSPECTION</b>		<b>4</b>
1	06/20/2011 06/24/2011	IP 7111401	Exercise Evaluation	
1	06/20/2011 06/24/2011	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1	06/20/2011 06/24/2011	IP 71151-EP01	Drill/Exercise Performance	
1	06/20/2011 06/24/2011	IP 71151-EP02	ERO Drill Participation	
1	06/20/2011 06/24/2011	IP 71151-EP03	Alert & Notification System	
		<b>TRI FIRE - TRIENNIAL FIRE PROTECTION INSPECTION</b>		<b>4</b>
1	09/12/2011 09/16/2011	IP 7111105T	Fire Protection [Triennial]	
1	09/26/2011 09/30/2011	IP 7111105T	Fire Protection [Triennial]	
		<b>71124 - HP-ACCESS</b>		<b>1</b>
1	09/12/2011 09/16/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	

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

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			<b>71124 - HP-ALARA &amp; PI VERIFICATION</b>		<b>1</b>
1	10/24/2011	10/28/2011	IP 71124.02	Occupational ALARA Planning and Controls	
1	10/24/2011	10/28/2011	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	10/24/2011	10/28/2011	IP 71151-PR01	RETS/ODCM Radiological Effluent	

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