



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

August 31, 2006

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 8, 2006, the NRC staff completed its performance review of the James A. FitzPatrick Nuclear Power Plant for the first half of the calendar year 2006 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve months. 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 physical protection information. A separate letter designated and marked as, "Exempt from Public Disclosure in accordance with 10 CFR 2.390," will include the physical protection review and resultant inspection plan.

Plant performance for the most recent quarter 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 March 31, 2008. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspectors arriving 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).

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 610-337-5171 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

**/RA/**

Eugene W. Cobey, Chief  
Projects Branch 2  
Division of Reactor Projects

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

Enclosure: FitzPatrick Nuclear Power Plant Inspection/Activity Plan

cc w/encl:

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Institute of Nuclear Power Organization (INPO)

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Division of Reactor Projects

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Enclosure: FitzPatrick Nuclear Power Plant Inspection/Activity Plan

cc

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

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**FitzPatrick**  
**Inspection / Activity Plan**  
**07/01/2006 - 03/31/2008**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>71152B - PI&amp;R</b>		<b>4</b>			
1	IP 71152B	Identification and Resolution of Problems		07/10/2006	07/14/2006	Baseline Inspections
1	IP 71152B	Identification and Resolution of Problems		07/24/2006	07/28/2006	Baseline Inspections
	<b>71151 - EP PI VERIFICATION</b>		<b>1</b>			
1	IP 71151	Performance Indicator Verification		08/20/2006	08/21/2006	Baseline Inspections
	<b>71121 - OCC RAD SAFETY</b>		<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		09/18/2006	09/22/2006	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		09/18/2006	09/22/2006	Baseline Inspections
	<b>7111108G - INSERVICE INSPECTION</b>		<b>1</b>			
1	IP 7111108G	Inservice Inspection Activities - BWR		10/10/2006	10/13/2006	Baseline Inspections
	<b>71121 - OCC RAD SAFETY</b>		<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		10/16/2006	10/20/2006	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		10/16/2006	10/20/2006	Baseline Inspections
1	IP 71151	Performance Indicator Verification		10/16/2006	10/20/2006	Baseline Inspections
	<b>7111117B - MODS AND 50.59</b>		<b>3</b>			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		11/27/2006	12/01/2006	Baseline Inspections
1	IP 711117B	Permanent Plant Modifications		11/27/2006	12/01/2006	Baseline Inspections
	<b>71121 - OCC RAD SAFETY</b>		<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		02/05/2007	02/09/2007	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		02/05/2007	02/09/2007	Baseline Inspections
	<b>7111401 - EP EXERCISE &amp; PI VERIFICATION</b>		<b>4</b>			
1	IP 7111401	Exercise Evaluation		03/05/2007	03/09/2007	Baseline Inspections
1	IP 71151-EP01	Drill/Exercise Performance		03/05/2007	03/09/2007	Baseline Inspections
1	IP 71151-EP02	ERO Drill Participation		03/05/2007	03/09/2007	Baseline Inspections
1	IP 71151-EP03	Alert & Notification System		03/05/2007	03/09/2007	Baseline Inspections
	<b>7112202 - PUB RAD SAFETY - RADWASTE</b>		<b>1</b>			
1	IP 7112202	Radioactive Material Processing and Transportation		04/09/2007	04/13/2007	Baseline Inspections
	<b>711107 - HEAT SINK INSP</b>		<b>2</b>			
1	IP 7111107B	Heat Sink Performance		05/14/2007	05/18/2007	Baseline Inspections
	<b>7112201 - PUB RAD SAFETY - RETS</b>		<b>1</b>			
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		06/11/2007	06/15/2007	Baseline Inspections
	<b>7111121 - CDBI</b>		<b>6</b>			
1	IP 7111121	Component Design Bases Inspection		06/11/2007	06/15/2007	Baseline Inspections
1	IP 7111121	Component Design Bases Inspection		06/25/2007	06/29/2007	Baseline Inspections
1	IP 7111121	Component Design Bases Inspection		07/09/2007	07/13/2007	Baseline Inspections

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

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**Inspection / Activity Plan**  
**07/01/2006 - 03/31/2008**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>7111121 - CDBI</b>		<b>6</b>			
1	IP 7111121	Component Design Bases Inspection		07/16/2007	07/20/2007	Baseline Inspections
	<b>7112203 - PUB RAD SAFETY - REMP</b>		<b>1</b>			
1	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Pr		06/25/2007	06/29/2007	Baseline Inspections
	<b>10/15EXM - OPERATOR LICENSING INITIAL EXAM</b>		<b>2</b>			
1	U01684	FY08 - FITZPATRICK INITIAL OPERATOR LICENSING EXAM		09/17/2007	09/21/2007	Not Applicable
1	U01684	FY08 - FITZPATRICK INITIAL OPERATOR LICENSING EXAM		10/15/2007	10/19/2007	Not Applicable
	<b>71121 - OCC RAD SAFETY</b>		<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		09/10/2007	09/14/2007	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		09/10/2007	09/14/2007	Baseline Inspections