



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

September 1, 2011

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

SUBJECT: MID-CYCLE LETTER FOR JAMES A. FITZPATRICK NUCLEAR POWER  
PLANT (REPORT 05000333/2011006)

Dear Mr. Bronson:

On August 11, 2011, the U.S. Nuclear Regulatory Commission (NRC) staff completed its mid-cycle performance review of the 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 July 1, 2010, through June 30, 2011. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. This performance review and enclosed inspection plan do not include security information. A separate letter will include the NRC's assessment of your performance in the Security Cornerstone and its security-related inspection plan.

The NRC determined the performance at FitzPatrick during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance and all PIs indicated that your performance was within 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, 2012. 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 end-of-cycle performance review. In addition to baseline inspections, the NRC will perform Inspection Procedure (IP) 71003, "Post-Approval Site Inspection for License Renewal," during your next refueling outage. We also plan to conduct independent spent fuel storage installation (ISFSI) inspections using Inspection Procedure 60855.1, "Operation of an ISFSI 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.

In the days following the Fukushima Daiichi nuclear accident in Japan, the Commission directed the staff to establish a senior-level agency task force to conduct a methodical and systematic review of the NRC's processes and regulations to determine whether the agency should make additional improvements to its regulatory system. The NRC has since completed Temporary Instruction (TI) 183, "Follow-up to Fukushima Daiichi Nuclear Station Fuel Damage Event," and TI-184, "Availability and Readiness Inspection of Severe Accident Management Guidelines

(SAMGs)" at your facility. Results of these inspections can be found here: <http://www.nrc.gov/japan/japan-activities.html>. Additionally, on May 11, 2011, the Agency issued NRC Bulletin 2011-01, "Mitigating Strategies," to confirm compliance with Order EA-02-026, subsequently imposed license conditions, and 10 CFR 50.54(hh)(2), and to determine the status of licensee mitigating strategies programs. On July 12, 2011, the NRC's Task Force made its recommendations to the Commission in its report, "Recommendations for Enhancing Reactor Safety in the 21<sup>st</sup> Century: The Near-Term Task Force Review of Insights from the Fukushima Daiichi Accident." The NRC is currently reviewing the Task Force's recommendations to determine what additional actions may be warranted.

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 610-337-5209 with any questions you may have regarding this letter or the inspection plan.

Sincerely,



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

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

Enclosure: James A. FitzPatrick Inspection/Activity Plan

cc w/encl: Distribution via ListServ

(SAMGs) at your facility. Results of these inspections can be found here: <http://www.nrc.gov/japan/japan-activities.html>. Additionally, on May 11, 2011, the Agency issued NRC Bulletin 2011-01, "Mitigating Strategies," to confirm compliance with Order EA-02-026, subsequently imposed license conditions, and 10 CFR 50.54(hh)(2), and to determine the status of licensee mitigating strategies programs. On July 12, 2011, the NRC's Task Force made its recommendations to the Commission in its report, "Recommendations for Enhancing Reactor Safety in the 21<sup>st</sup> Century: The Near-Term Task Force Review of Insights from the Fukushima Daiichi Accident." The NRC is currently reviewing the Task Force's recommendations to determine what additional actions may be warranted.

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/RA/

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Enclosure: James A. FitzPatrick Inspection/Activity Plan

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NAME	SMcCarver/smc	BBickett/bab	MGray/mg
DATE	08/29 /11	08/29/11	08/30/11
<b>OFFICIAL RECORD COPY</b>			

**FitzPatrick**  
**Inspection / Activity Plan**  
**07/01/2011 - 12/31/2012**

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			<b>71124 - HP-INSTRUMENTS</b>		<b>1</b>
1	07/18/2011	07/22/2011	IP 71124.05	Radiation Monitoring Instrumentation	
			<b>71124.07 - REMP/ISFSI</b>		<b>1</b>
1	08/01/2011	08/05/2011	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
1	08/01/2011	08/05/2011	IP 71124.04	Occupational Dose Assessment	
1	08/01/2011	08/05/2011	IP 71124.07	Radiological Environmental Monitoring Program	
			<b>TRI FIRE - TRIENNIAL FIRE PROTECTION INSPECTION</b>		<b>5</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	
			<b>2/27EXAM - FITZPATRICK INITIAL EXAM</b>		<b>4</b>
1	01/23/2012	01/27/2012	U01843	FY12-FITZ INITIAL OPERATOR LICENSING EXAM	
1	02/27/2012	03/02/2012	U01843	FY12-FITZ INITIAL OPERATOR LICENSING EXAM	
			<b>71124 - HP-ALARA &amp; PI VERIFICATION</b>		<b>2</b>
1	10/31/2011	11/04/2011	IP 71124.02	Occupational ALARA Planning and Controls	
1	10/31/2011	11/04/2011	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	10/31/2011	11/04/2011	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			<b>71152B - PI&amp;R</b>		<b>4</b>
1	02/27/2012	03/02/2012	IP 71152B	Problem Identification and Resolution	
1	03/12/2012	03/16/2012	IP 71152B	Problem Identification and Resolution	
			<b>7111111B - FITZ ON-SITE REQUAL INSP W/ P/F RESULTS</b>		<b>2</b>
1	04/23/2012	04/27/2012	IP 7111111B	Licensed Operator Requalification Program	
			<b>MODS - PERMANENT PLANT MODIFICATIONS</b>		<b>3</b>
1	04/16/2012	04/20/2012	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
1	04/30/2012	05/04/2012	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
			<b>71124 - TRANSPORTATION</b>		<b>1</b>
1	04/16/2012	04/20/2012	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			<b>EP PROGR - EP PROGRAM INSPECTION</b>		<b>1</b>
1	05/07/2012	05/11/2012	IP 7111402	Alert and Notification System Testing	
1	05/07/2012	05/11/2012	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	05/07/2012	05/11/2012	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1	05/07/2012	05/11/2012	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	

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

**FitzPatrick**  
**Inspection / Activity Plan**  
 07/01/2011 - 12/31/2012

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			<b>7111107T - TRIENNIAL HEAT SINK</b>		<b>1</b>
1	05/14/2012	05/18/2012	IP 7111107T	Heat Sink Performance	
			<b>TI-177 - MANAGING GAS ACCUMULATION IN ECCS</b>		<b>2</b>
1	05/21/2012	05/25/2012	IP 2515/177	Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal & Containment Spray System	
			<b>71124 - HP-ACCESS CONTROL</b>		<b>1</b>
1	06/04/2012	06/08/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	06/04/2012	06/08/2012	IP 71124.02	Occupational ALARA Planning and Controls	
1	06/04/2012	06/08/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	06/04/2012	06/08/2012	IP 71124.04	Occupational Dose Assessment	
			<b>71003 - LR COMMITMENTS INSP</b>		<b>2</b>
1	09/24/2012	09/28/2012	IP 71003	Post-Approval Site Inspection for License Renewal	
			<b>7111108G - INSERVICE INSPECTION</b>		<b>1</b>
1	09/24/2012	09/28/2012	IP 7111108G	Inservice Inspection Activities - BWR	
			<b>71124 - HP-EXPOSURE CONTROLS &amp; DOSE ASSESSMENT</b>		<b>1</b>
1	09/24/2012	09/28/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	09/24/2012	09/28/2012	IP 71124.02	Occupational ALARA Planning and Controls	
1	09/24/2012	09/28/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	09/24/2012	09/28/2012	IP 71124.04	Occupational Dose Assessment	
1	09/24/2012	09/28/2012	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	09/24/2012	09/28/2012	IP 71151-PR01	RETS/ODCM Radiological Effluent	

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