



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

September 1, 2011

Mr. Joseph E. Pollock, Site Vice President  
Entergy Nuclear Operations, Inc.  
Indian Point Energy Center  
450 Broadway, GSB  
Buchanan, NY 10511-0249

SUBJECT: MID-CYCLE LETTER FOR INDIAN POINT NUCLEAR GENERATING UNITS 2  
AND 3 (REPORTS 05000247/2011006 & 05000286/2011006)

Dear Mr. Pollock:

On August 11, 2011, the U.S. Nuclear Regulatory Commission (NRC) staff completed its mid-cycle performance review of Indian Point Nuclear Generating Units 2 and 3 (Indian Point). 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 Indian Point Units 2 and 3 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. 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 addition to the baseline inspection program at Units 2 and 3, we plan to conduct independent spent fuel storage installation inspections (ISFSI) at Unit 2 using Inspection Procedure 60855.1, "Operation of an ISFSI at Operating Plants."

Also, we have scheduled a review of your proposed commitments made during the license renewal application process regarding Indian Point Unit 2. This activity will include an inspector review of Aging Management Program (AMP) implementation and will be conducted using

Temporary Instruction 2516/001, "Review of License Renewal Activities." The overall purpose of the review is to assess progress of your voluntary actions associated with monitoring passive components within the scope of license renewal and as tentatively accepted by the staff's safety evaluation report. The Temporary Instruction is available on the NRC Website at: <http://pbadupws.nrc.gov/docs/ML1106/ML110620255.pdf>.

The NRC currently budgets and completes inspections at Indian Point Units 2 and 3 considering each unit as a single reactor site. This approach is based on the historical differences involving ownership and operation of each unit by different utilities with separate organizations. Since 2001, Entergy has been the sole owner and operator of Indian Point Units 2 and 3, and has consolidated and implemented plant programs and processes. Currently only the licensed operator programs are implemented on a unit basis. As a result, insights from our inspections on one unit are generally applicable to the other unit. The NRC is therefore considering implementing an inspection program that treats Indian Point Units 2 and 3 as a single site. As a first step the attached inspection plans for Indian Point Units 2 and 3 schedule major team inspections concurrently at both units. The NRC will monitor the results of these team inspections and inform you regarding changes to our inspection plans in the future.

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.

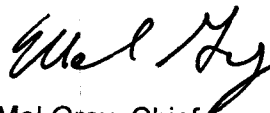
In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

J. Pollock

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If circumstances arise which cause us to change the inspection plans, 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 horizontal line extending to the right across the page.

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

Docket Nos. 50-247; 50-286  
License Nos. DPR-26; DPR-64

Enclosure: Point 2 & 3 Inspection / Activity Plan

cc w/encl: Distribution via ListServ

J. Pollock

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If circumstances arise which cause us to change the inspection plans, 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,

*/RA/*

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

Docket Nos. 50-247; 50-286  
License Nos. DPR-26; DPR-64

Enclosure: Indian Point 2 & 3 Inspection/Activity Plan

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OFFICE <i>lhp</i>	RI/DRP	RI/DRP	RI/DRP	
NAME	SMcCarver/smc	BBickett/bb	MGray/mg	
DATE	08/29/11	08/29/11	08/30/11	

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**Indian Point  
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>EP PROGR - EP PROGRAM INSPECTION</b>					<b>1</b>
2	08/22/2011	08/26/2011	IP 7111402	Alert and Notification System Testing	
2	08/22/2011	08/26/2011	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
2	08/22/2011	08/26/2011	IP 7111404	Emergency Action Level and Emergency Plan Changes	
2	08/22/2011	08/26/2011	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
2	08/22/2011	08/26/2011	IP 71151-EP01	Drill/Exercise Performance	
2	08/22/2011	08/26/2011	IP 71151-EP02	ERO Drill Participation	
2	08/22/2011	08/26/2011	IP 71151-EP03	Alert & Notification System	
<b>71124 - HP INSP-EFFLUENTS &amp; PI VERIFICATION</b>					<b>1</b>
2	08/29/2011	09/02/2011	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
2	08/29/2011	09/02/2011	IP 71151-OR01	Occupational Exposure Control Effectiveness	
2	08/29/2011	09/02/2011	IP 71151-PR01	RETS/ODCM Radiological Effluent	
<b>ISFSI - DRY CASK LOADING CAMPAIGN</b>					<b>1</b>
2	08/29/2011	09/30/2011	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
<b>2/6 EXAM - IP2 INITIAL EXAM</b>					<b>4</b>
2	01/09/2012	01/13/2012	U01844	FY-12-IP2 INITIAL OPERATOR LICENSING EXAM	
2	02/06/2012	02/10/2012	U01844	FY-12-IP2 INITIAL OPERATOR LICENSING EXAM	
<b>71111B - REQUAL INSP P/F RESULTS</b>					<b>1</b>
2	10/24/2011	10/28/2011	IP 7111111B	Licensed Operator Requalification Program	
<b>7111117 - PERMANENT PLANT MODIFICATIONS</b>					<b>3</b>
2	11/14/2011	11/18/2011	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
2	11/28/2011	12/02/2011	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
<b>71124 - HP INSP-ALARA</b>					<b>1</b>
2	11/14/2011	11/18/2011	IP 71124.02	Occupational ALARA Planning and Controls	
<b>71124 - HP INSP-RAD WASTE &amp; ISFSI</b>					<b>1</b>
2	12/05/2011	12/09/2011	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
2	12/05/2011	12/09/2011	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
<b>TI251601 - TI2516001 REVIEW LR ACTIVITIES</b>					<b>2</b>
2	03/12/2012	03/16/2012	IP 2516/001	Review of License Renewal Activities	
2	03/26/2012	03/30/2012	IP 2516/001	Review of License Renewal Activities	
<b>71124 - HP-ACCESS CONTROL</b>					<b>1</b>
2	03/19/2012	03/23/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	03/19/2012	03/23/2012	IP 71124.02	Occupational ALARA Planning and Controls	
2	03/19/2012	03/23/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	

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

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

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>7111108P - INSERVICE INSPECTION</b>		<b>1</b>
2	03/19/2012	03/30/2012	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>71124 - REMP</b>		<b>1</b>
2	06/25/2012	06/29/2012	IP 71124.07	Radiological Environmental Monitoring Program	
			<b>7111111B - IP2 REQUAL INSP W/ P/F RESULTS</b>		<b>2</b>
2	09/17/2012	09/21/2012	IP 7111111B	Licensed Operator Requalification Program	
			<b>7111107T - TRIENNIAL HEAT SINK</b>		<b>2</b>
2	07/23/2012	07/27/2012	IP 7111107T	Heat Sink Performance	
			<b>71124 - HP-ACCESS CONTROL</b>		<b>1</b>
2	09/10/2012	09/14/2012	IP 2515/175	Emergency Response Organization, Drill/Exercise Performance Indicator, Program Review	
2	09/10/2012	09/14/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	09/10/2012	09/14/2012	IP 71124.02	Occupational ALARA Planning and Controls	
2	09/10/2012	09/14/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2	09/10/2012	09/14/2012	IP 71124.04	Occupational Dose Assessment	
2	09/10/2012	09/14/2012	IP 71151-OR01	Occupational Exposure Control Effectiveness	
			<b>EP EX - EP EXERCISE EVALUATION</b>		<b>3</b>
2	10/01/2012	10/05/2012	IP 7111401	Exercise Evaluation	
2	10/01/2012	10/05/2012	IP 7111404	Emergency Action Level and Emergency Plan Changes	
			<b>7111121 - CDBI</b>		<b>6</b>
2	10/15/2012	10/19/2012	IP 7111121	Component Design Bases Inspection	
2	10/29/2012	11/02/2012	IP 7111121	Component Design Bases Inspection	
2	11/05/2012	11/09/2012	IP 7111121	Component Design Bases Inspection	

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**Indian Point 3  
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>71152 - PI&amp;R</b>		<b>4</b>
3	07/18/2011	07/22/2011	IP 71152B	Problem Identification and Resolution	
3	08/01/2011	08/05/2011	IP 71152B	Problem Identification and Resolution	
			<b>711111B - IP3 REQUAL INSP WITH P/F RESULTS</b>		<b>2</b>
3	09/12/2011	09/16/2011	IP 7111111B	Licensed Operator Requalification Program	
			<b>EP PROGR - EP PROGRAM INSPECTION</b>		<b>1</b>
3	08/22/2011	08/26/2011	IP 7111402	Alert and Notification System Testing	
3	08/22/2011	08/26/2011	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
3	08/22/2011	08/26/2011	IP 7111404	Emergency Action Level and Emergency Plan Changes	
3	08/22/2011	08/26/2011	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
3	08/22/2011	08/26/2011	IP 71151-EP01	Drill/Exercise Performance	
3	08/22/2011	08/26/2011	IP 71151-EP02	ERO Drill Participation	
3	08/22/2011	08/26/2011	IP 71151-EP03	Alert & Notification System	
			<b>71124 - HP-EFFLUENTS / PI VERIFICATION</b>		<b>2</b>
3	08/29/2011	09/02/2011	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
3	08/29/2011	09/02/2011	IP 71151-OR01	Occupational Exposure Control Effectiveness	
3	08/29/2011	09/02/2011	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			<b>MODS - PERMANENT PLANT MODIFICATIONS</b>		<b>3</b>
3	11/14/2011	11/18/2011	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
3	11/28/2011	12/02/2011	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
			<b>71124 - HP ALARA</b>		<b>1</b>
3	11/14/2011	11/18/2011	IP 71124.02	Occupational ALARA Planning and Controls	
			<b>71124 - HP- RAD WASTE</b>		<b>1</b>
3	12/05/2011	12/09/2011	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			<b>71124 - HP-ACCESS CONTROL</b>		<b>1</b>
3	03/19/2012	03/23/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
3	03/19/2012	03/23/2012	IP 71124.02	Occupational ALARA Planning and Controls	
3	03/19/2012	03/23/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
			<b>71124 - REMP</b>		<b>1</b>
3	06/25/2012	06/29/2012	IP 71124.07	Radiological Environmental Monitoring Program	
			<b>7111107T - TRIENNIAL HEAT SINK</b>		<b>2</b>
3	07/23/2012	07/27/2012	IP 7111107T	Heat Sink Performance	
			<b>71124 - HP-ACCESS CONTROL</b>		<b>1</b>
3	09/10/2012	09/14/2012	IP 2515/175	Emergency Response Organization, Drill/Exercise Performance Indicator, Program Review	

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**Indian Point 3  
Inspection / Activity Plan**

07/01/2011 - 12/31/2012

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>71124 - HP-ACCESS CONTROL</b>		<b>1</b>
3	09/10/2012	09/14/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
3	09/10/2012	09/14/2012	IP 71124.02	Occupational ALARA Planning and Controls	
3	09/10/2012	09/14/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
3	09/10/2012	09/14/2012	IP 71124.04	Occupational Dose Assessment	
3	09/10/2012	09/14/2012	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			<b>EP EX - EP EXERCISE EVALUATION</b>		<b>3</b>
3	10/01/2012	10/05/2012	IP 7111401	Exercise Evaluation	
3	10/01/2012	10/05/2012	IP 7111404	Emergency Action Level and Emergency Plan Changes	
			<b>7111121 - CDBI</b>		<b>2</b>
3	10/15/2012	10/19/2012	IP 7111121	Component Design Bases Inspection	
3	10/29/2012	11/02/2012	IP 7111121	Component Design Bases Inspection	
3	11/05/2012	11/09/2012	IP 7111121	Component Design Bases Inspection	

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