



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PA 19406-1415

September 1, 2010

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 PERFORMANCE REVIEW AND INSPECTION PLAN -  
INDIAN POINT NUCLEAR GENERATING UNITS 2 AND 3

Dear Mr. Pollock:

On August 12, 2010, the Nuclear Regulatory Commission (NRC) staff completed its performance reviews of Indian Point Nuclear Generating Units 2 and 3. 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 plans 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 Indian Point Nuclear Generating Unit 2 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 oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at Unit 2.

Plant performance, as of July 1, 2010, at Indian Point Nuclear Generating Unit 3 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 oversight (Green). The Unit 3 "Unplanned Scrams per 7000 Critical Hours" PI exceeded the Green/White threshold in the third and fourth quarters of 2009. The PI remained White through the first quarter of 2010 before returning below the Green/White threshold in the second quarter of 2010. On April 23, 2010, the NRC staff completed a supplemental inspection in accordance with Inspection Procedure 95001, "Inspection for One or Two White Inputs in a Strategic Performance Area" at Indian Point Nuclear Generating Unit 3. The inspectors concluded that your overall performance in the areas of problem identification, evaluation, and corrective actions with regards to the White PI was acceptable. Therefore, we plan to conduct ROP baseline inspections at Unit 3.

The enclosed inspection plans detail the inspections, less those related to physical protection, scheduled through December 31, 2011. The inspection plans are 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 plans are tentative and may be revised based on our end-of-cycle safety performance review.

In addition to the baseline inspection program at Units 2 and 3, we plan to conduct independent spent fuel storage installation inspections at Unit 2. Additionally, with regard to the replacement Alert and Notification System, the NRC plans to continue to monitor your activities to receive final approval from the Federal Emergency Management Agency.

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 plans, we will contact you to discuss the change as soon as possible. Please contact Mel Gray at 610-337-5209 with any questions you may have regarding this letter or the inspection plan.

Sincerely,



James W. Clifford, Acting Director  
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

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Sincerely,  
 /RA/  
 James W. Clifford, Acting Director  
 Division of Reactor Projects

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

Enclosure: Indian Point 2 & 3 Inspection / Activity Plan

cc w/encl: Distribution via ListServ

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OFFICE	RI/DRP	RI/DRP	RI/DRP	RI/DRP
NAME	SMcCarver/ BB for	BBickett/ BB	MGray/ MXG	JClifford/ JWC
DATE	08/ 21 /2010	08/21 /2010	08/ 25 /2010	09/01 /10

..\* see prior concurrence OFFICIAL RECORD COPY

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

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			<b>7/12EXAM - U2 INITIAL OPERATOR LICENSING EXAM</b>		<b>4</b>
2	07/12/2010	07/23/2010	U01787	FY10 - INDIAN POINT U2 INITIAL OPERATOR LICENSING EXAM	
			<b>7111111B - REQUAL INSP (IP2) WITH P/F RESULTS</b>		<b>3</b>
2	09/27/2010	10/01/2010	IP 7111111B	Licensed Operator Requalification Program	
			<b>EP EX - EP EXERCISE EVALUATION</b>		<b>4</b>
2	09/13/2010	09/17/2010	IP 7111401	Exercise Evaluation	
2	09/13/2010	09/17/2010	IP 7111404	Emergency Action Level and Emergency Plan Changes	
2	09/13/2010	09/17/2010	IP 71151-EP01	Drill/Exercise Performance	
2	09/13/2010	09/17/2010	IP 71151-EP02	ERO Drill Participation	
2	09/13/2010	09/17/2010	IP 71151-EP03	Alert & Notification System	
			<b>71124 - OCC HP INSPECTION-ALARA/ACCESS/PI</b>		<b>1</b>
2	11/29/2010	12/03/2010	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	11/29/2010	12/03/2010	IP 71124.02	Occupational ALARA Planning and Controls	
2	11/29/2010	12/03/2010	IP 71151-OR01	Occupational Exposure Control Effectiveness	
2	11/29/2010	12/03/2010	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			<b>71124 - HP INSP-INSTRUMENTS</b>		<b>1</b>
2	01/10/2011	01/14/2011	IP 2515/179	Verification of Licensee Responses to NRC Requirement for Inventories of Materials Tracked in NSTS	
2	01/10/2011	01/14/2011	IP 71124.05	Radiation Monitoring Instrumentation	
			<b>71124 - HP INSP-ACCESS</b>		<b>1</b>
2	03/21/2011	03/25/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			<b>TI-177 - MANAGING GAS ACCUMULATION IN ECCS</b>		<b>1</b>
2	04/25/2011	04/29/2011	IP 2515/177	Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal & Containment Spray System	
			<b>71124 - HP INSP-RAD WASTE &amp; ISFSI</b>		<b>1</b>
2	06/13/2011	06/17/2011	IP 60855	Operation Of An ISFSI	
2	06/13/2011	06/17/2011	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			<b>71124 - HP INSP-ALARA</b>		<b>1</b>
2	08/15/2011	08/19/2011	IP 71124.02	Occupational ALARA Planning and Controls	
			<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 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-EP02	ERO Drill Participation	
2	08/22/2011	08/26/2011	IP 71151-EP03	Alert & Notification System	

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

Indian Point  
Inspection / Activity Plan  
07/01/2010 - 12/31/2011

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		<b>71124</b>	<b>- 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>711117</b>	<b>- PERMANENT PLANT MODIFICATIONS</b>	<b>3</b>
2	11/14/2011 11/18/2011	IP 711117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
2	11/28/2011 12/02/2011	IP 711117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	

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**Indian Point 3**  
**Inspection / Activity Plan**  
 07/01/2010 - 12/31/2011

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			<b>10/04EXM - U3 INITIAL OPERATOR LICENSING EXAM</b>		<b>4</b>
3	08/30/2010	09/03/2010	U01789	FY11 - INDIAN POINT U3 INITIAL OPERATOR LICENSING EXAM	
3	10/04/2010	10/15/2010	U01789	FY11 - INDIAN POINT U3 INITIAL OPERATOR LICENSING EXAM	
			<b>EP EX - EP EXERCISE EVALUATION</b>		<b>4</b>
3	09/13/2010	09/17/2010	IP 7111401	Exercise Evaluation	
3	09/13/2010	09/17/2010	IP 7111404	Emergency Action Level and Emergency Plan Changes	
3	09/13/2010	09/17/2010	IP 71151-EP01	Drill/Exercise Performance	
3	09/13/2010	09/17/2010	IP 71151-EP02	ERO Drill Participation	
3	09/13/2010	09/17/2010	IP 71151-EP03	Alert & Notification System	
			<b>CDBI - COMPONENT DESIGN BASES INSPECTION</b>		<b>7</b>
3	10/04/2010	10/08/2010	IP 7111121	Component Design Bases Inspection	
3	10/18/2010	10/29/2010	IP 7111121	Component Design Bases Inspection	
			<b>71124 - HP-ACCESS/ALARA/PI VERIFICATION</b>		<b>1</b>
3	12/06/2010	12/10/2010	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
3	12/06/2010	12/10/2010	IP 71124.02	Occupational ALARA Planning and Controls	
3	12/06/2010	12/10/2010	IP 71151-OR01	Occupational Exposure Control Effectiveness	
3	12/06/2010	12/10/2010	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			<b>71124 - HP INSTRUMENTS</b>		<b>1</b>
3	01/10/2011	01/14/2011	IP 2515/179	Verification of Licensee Responses to NRC Requirement for Inventories of Materials Tracked in NSTS	
3	01/10/2011	01/14/2011	IP 71124.05	Radiation Monitoring Instrumentation	
			<b>7111108P - U3 INSERVICE INSPECTION</b>		<b>1</b>
3	03/14/2011	03/25/2011	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>71124 - HP ACCESS</b>		<b>1</b>
3	03/21/2011	03/25/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			<b>TRI FIRE - TRIENNIAL FIRE PROTECTION INSPECTION</b>		<b>4</b>
3	05/09/2011	05/13/2011	IP 7111105T	Fire Protection [Triennial]	
3	05/23/2011	05/27/2011	IP 7111105T	Fire Protection [Triennial]	
			<b>TI-177 - MANAGING GAS ACCUMULATION IN ECCS</b>		<b>2</b>
3	04/25/2011	04/29/2011	IP 2515/177	Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal & Containment Spray System	
			<b>71124 - HP- RAD WASTE</b>		<b>1</b>
3	06/13/2011	06/17/2011	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			<b>71152 - PI&amp;R</b>		<b>4</b>
3	07/18/2011	07/22/2011	IP 71152B	Identification and Resolution of Problems	
3	08/01/2011	08/05/2011	IP 71152B	Identification and Resolution of Problems	

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

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		<b>711111B - IP3 REQUAL INSP W/ P/F RESULTS</b>		<b>3</b>
3	10/10/2011 10/14/2011	IP 7111111B	Licensed Operator Requalification Program	
		<b>71124 - HP ALARA</b>		<b>1</b>
3	08/15/2011 08/19/2011	IP 71124.02	Occupational ALARA Planning and Controls	
		<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>1</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	

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