



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

March 4, 2011

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

SUBJECT: ANNUAL ASSESSMENT LETTER FOR INDIAN POINT NUCLEAR  
GENERATING UNITS 2 AND 3 (REPORTS 05000247/2010001 AND  
05000286/2010001)

Dear Mr. Pollock:

On February 9, 2011, the Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance review of the Indian Point Nuclear Generating (Indian Point) Units 2 and 3. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2010, through December 31, 2010. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. 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 that overall, Indian Point Units 2 and 3 operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Indian Point Units 2 and 3 for 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 safety significance (i.e., green) and all PIs indicated 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 June 30, 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 mid-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. 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. 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 inspection activities detailed in the enclosed plan, we have scheduled a review of your proposed commitments made during the license renewal application process, regarding Indian Point Unit 2. This activity will take place the week of March 12, 2012, during the next refueling outage and will include an inspector review of Aging Management Program (AMP) implementation. This review will be conducted using Temporary Instruction 2516/001, "Review of License Renewal Activities," which is currently under development. 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 will be available on the NRC Website at the following address once it is finalized: <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/temp-instructions/>.

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).

Please contact Mel Gray at 610-337-5209 with any questions you may have regarding this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "Darrell J. Roberts", with a long horizontal flourish extending to the right.

Darrell J. Roberts, Director  
Division of Reactor Projects

Docket Nos. 50-247 and 50-286  
License No. DPR-26 and DPR-64

Enclosures: Indian Point Nuclear Generating Unit 2 and Unit 3 Inspection/Activity Plans

cc w/encl: Distribution via ListServ

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Please contact Mel Gray at 610-337-5209 with any questions you may have regarding this letter.

Sincerely,

/RA/

Darrell J. Roberts, Director  
Division of Reactor Projects

Docket Nos. 50-247 and 50-286  
License No. DPR-26 and DPR-64

Enclosures: Indian Point Nuclear Generating Unit 2 and Unit 3 Inspection/Activity Plans

Distribution w/encl: (via email)

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**ML110620464**

OFFICE	RI/DRP	lhp	RI/DRP	RI/DRP
NAME	BBickett/BB		MGray/MG	DRoberts/DJR
DATE	03/01/11		03/03/11	03/03/11

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## Indian Point

## Inspection / Activity Plan

01/01/2011 - 06/30/2012

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			<b>71124 - HP INSP-INSTRUMENTS</b>		1
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 71124.04	Occupational Dose Assessment	
2	01/10/2011	01/14/2011	IP 71124.05	Radiation Monitoring Instrumentation	
			<b>71124 - HP</b>		1
2	03/14/2011	03/18/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			<b>TI-177 - MANAGING GAS ACCUMULATION IN ECCS</b>		3
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>		1
2	06/13/2011	06/17/2011	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
2	06/13/2011	06/17/2011	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			<b>EP PROGR - EP PROGRAM INSPECTION</b>		1
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>		1
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>2/6 EXAM - IP2 INITIAL EXAM</b>		3
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>711117 - PERMANENT PLANT MODIFICATIONS</b>		3
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>		1
2	11/14/2011	11/18/2011	IP 71124.02	Occupational ALARA Planning and Controls	
			<b>71124 - HP-ACCESS CONTROL</b>		1
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

01/01/2011 - 06/30/2012

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
2	03/19/2012 03/30/2012	7111108P - INSERVICE INSPECTION IP 7111108P	Inservice Inspection Activities - PWR	1
2	06/25/2012 06/29/2012	71124 - REMP IP 71124.07	Radiological Environmental Monitoring Program	1

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Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		<b>71124 - HP INSTRUMENTS</b>		1
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 71124.04	Occupational Dose Assessment	
3	01/10/2011 01/14/2011	IP 71124.05	Radiation Monitoring Instrumentation	
		<b>71124 - HP</b>		1
3	03/14/2011 03/18/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
		<b>7111108P - U3 INSERVICE INSPECTION</b>		1
3	03/14/2011 03/25/2011	IP 7111108P	Inservice Inspection Activities - PWR	
		<b>TRI FIRE - TRIENNIAL FIRE PROTECTION INSPECTION</b>		4
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>		2
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>		1
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>		4
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	
		<b>711111B - IP3 REQUAL INSP W/ P/F RESULTS</b>		2
3	09/12/2011 09/16/2011	IP 711111B	Licensed Operator Requalification Program	
		<b>EP PROGR - EP PROGRAM INSPECTION</b>		1
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>		1
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>		3
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	

This report does not include INPO and OUTAGE activities.

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Indian Point 3

Inspection / Activity Plan

01/01/2011 - 06/30/2012

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
3	11/14/2011 11/18/2011	71124 - HP ALARA	Occupational ALARA Planning and Controls	1
3	03/19/2012 03/23/2012	71124 - HP-ACCESS CONTROL	Radiological Hazard Assessment and Exposure Controls	1
3	03/19/2012 03/23/2012	IP 71124.01	Occupational ALARA Planning and Controls	
3	03/19/2012 03/23/2012	IP 71124.02	In-Plant Airborne Radioactivity Control and Mitigation	
3	03/19/2012 03/23/2012	IP 71124.03		
3	06/25/2012 06/29/2012	71124 - REMP	Radiological Environmental Monitoring Program	1
		IP 71124.07		

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