



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I**  
2100 Renaissance Boulevard  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

September 4, 2012

Mr. John Ventosa  
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  
(REPORTS 05000247/2012006 & 05000286/2012006)**

Dear Mr. Ventosa:

On August 15, 2012, the U. S. Nuclear Regulatory Commission (NRC) 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, 2011 through June 30, 2012. 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 assessment reflects the integration of the Security Cornerstone into the ROP performance assessment program governed by IMC 0305, "Operating Reactor Assessment Program."

The NRC determined the performance at Indian Point 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, 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to the baseline inspections, consistent with the Agency's actions related to Fukushima, the NRC will perform TI-187, "Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns" and TI-188, "Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns." Furthermore, the NRC will perform Inspection Procedure (IP) 60845, "Operation of Inter-Unit Fuel Transfer Canister and Cask System" and IP 60855.1, "Operation of an Independent Spent Fuel Storage Installation at Operating Plants." 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. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

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 a 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>

Beginning January 1, 2012, the NRC implemented a modified inspection program that performs major team inspections, with the exception of triennial fire protection inspections, on a site basis verses a unit basis. This is reflected in the attached inspection plans for Indian Point Units 2 and 3 which have team inspections scheduled concurrently on both units. The NRC will continue to monitor the results of these team inspections and inform you regarding changes to our inspection plans in the future. Additionally, beginning with this mid-cycle assessment, the NRC has assessed your performance with regard to cross-cutting issues on a site basis instead of a unit basis. Our review did not identify any cross-cutting themes or substantive cross-cutting issues. The resident inspector staff and their inspection activities are not affected by these changes.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be 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 me at 610-337-5209 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Mel Gray, Chief  
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

cc w/encl: Distribution via ListServ

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Sincerely,  
**/RA/**  
 Mel Gray, Chief  
 Projects Branch 2  
 Division of Reactor Projects

Docket Nos. 50-247; 50-286  
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Enclosure: Indian Point 2 & 3 Inspection / Activity Plan

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<input checked="" type="checkbox"/> SUNSI Review		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available	
OFFICE	RI/DRP	RI/DRP			
NAME	BBICKETT/	MGray			
DATE	08/28/12	09/04/12			

## Indian Point

## Inspection / Activity Plan

07/01/2012 - 12/31/2013

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			<b>60845</b>	<b>- INTER-UNIT WET TRANSFER DRY RUN &amp; INITIAL</b>	<b>3</b>
2	08/07/2012	08/09/2012	IP 60845	Operation of Inter-Unit Fuel Transfer Canister and Cask System	
2	08/13/2012	08/15/2012	IP 60845	Operation of Inter-Unit Fuel Transfer Canister and Cask System	
2	08/25/2012	08/29/2012	IP 60845	Operation of Inter-Unit Fuel Transfer Canister and Cask System	
2	09/04/2012	09/07/2012	IP 60845	Operation of Inter-Unit Fuel Transfer Canister and Cask System	
			<b>TI 182</b>	<b>- DEGRADATION OF UNDERGROUND PIPING</b>	<b>1</b>
2	07/09/2012	07/13/2012	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
			<b>7111111B</b>	<b>- 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>71124</b>	<b>- HP - EXPOSURE CONTROLS &amp; DOSE ASSESSMENT</b>	<b>1</b>
2	07/16/2012	07/20/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	07/16/2012	07/20/2012	IP 71124.02	Occupational ALARA Planning and Controls	
2	07/16/2012	07/20/2012	IP 71124.04	Occupational Dose Assessment	
			<b>7111107T</b>	<b>- TRIENNIAL HEAT SINK</b>	<b>1</b>
2	07/23/2012	07/27/2012	IP 7111107T	Heat Sink Performance	
			<b>TI-187</b>	<b>- TI-187 FLOODING WALKDOWNS</b>	<b>1</b>
2	09/01/2012	11/30/2012	IP 2515/187	Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns	
			<b>TI-188</b>	<b>- TI-188 SEISMIC WALKDOWNS</b>	<b>1</b>
2	09/01/2012	12/31/2012	IP 2515/188	Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns	
			<b>EP EX</b>	<b>- 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</b>	<b>- CDBI</b>	<b>9</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	
			<b>92702</b>	<b>- FOLLOWUP TO CONFIRMATORY ORDER (QA/QC)</b>	<b>1</b>
2	10/01/2012	12/31/2012	IP 92702	Followup On Corrective Actions For Violations And Deviations	
			<b>71124</b>	<b>- HP - EXPOSURE CONTROLS &amp; ALARA</b>	<b>1</b>
2	11/05/2012	11/09/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	11/05/2012	11/09/2012	IP 71124.02	Occupational ALARA Planning and Controls	
2	11/05/2012	11/09/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	

## Indian Point

## Inspection / Activity Plan

07/01/2012 - 12/31/2013

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			<b>71124.07 - RETS</b>		
2	01/14/2013	01/18/2013	IP 71124.05	Radiation Monitoring Instrumentation	1
2	01/14/2013	01/18/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
			<b>TRIFI - TRIENNIAL FIRE PROTECTION INSPECTION</b>		5
2	01/28/2013	02/01/2013	IP 7111105T	Fire Protection [Triennial]	
2	02/11/2013	02/15/2013	IP 7111105T	Fire Protection [Triennial]	
			<b>60855 - ISFSI LOADING INSPECTION</b>		1
2	03/01/2013	06/30/2013	IP 60855	Operation Of An ISFSI	
2	03/01/2013	06/30/2013	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			<b>71124 - HP - EXPOSURE &amp; ALARA CONTROLS</b>		1
2	03/25/2013	03/29/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	03/25/2013	03/29/2013	IP 71124.02	Occupational ALARA Planning and Controls	
			<b>71124 - HP - EXPOSURE CONTROLS &amp; DOSE ASSESSMENT</b>		1
2	04/29/2013	05/03/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	04/29/2013	05/03/2013	IP 71124.02	Occupational ALARA Planning and Controls	
2	04/29/2013	05/03/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2	04/29/2013	05/03/2013	IP 71124.04	Occupational Dose Assessment	
			<b>EP PROGR - EP PROGRAM INSPECTION</b>		1
2	05/20/2013	05/24/2013	IP 7111402	Alert and Notification System Testing	
2	05/20/2013	05/24/2013	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
2	05/20/2013	05/24/2013	IP 7111404	Emergency Action Level and Emergency Plan Changes	
2	05/20/2013	05/24/2013	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
			<b>2516-001 - TI 2516-001 LR COMMITMENT INSP PHASE II</b>		4
2	06/03/2013	06/07/2013	IP 2516/001	Review of License Renewal Activities	
2	06/17/2013	06/21/2013	IP 2516/001	Review of License Renewal Activities	
			<b>71124 - HP - EXPOSURE AND ALARA CONTROLS</b>		1
2	08/19/2013	08/23/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	08/19/2013	08/23/2013	IP 71124.02	Occupational ALARA Planning and Controls	
2	08/19/2013	08/23/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2	08/19/2013	08/23/2013	IP 71124.05	Radiation Monitoring Instrumentation	
			<b>PI&amp;R - PI&amp;R</b>		4
2	10/07/2013	10/11/2013	IP 71152B	Problem Identification and Resolution	
2	10/21/2013	10/25/2013	IP 71152B	Problem Identification and Resolution	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

Indian Point

Inspection / Activity Plan

07/01/2012 - 12/31/2013

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
2	11/04/2013 11/08/2013	71124.08 - RADWASTE IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	1

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 This report shows only on-site and announced inspection procedures.

## Indian Point 3

## Inspection / Activity Plan

07/01/2012 - 12/31/2013

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			<b>60845</b>	<b>- INTER-UNIT WET TRANSFER DRY RUN &amp; INITIAL</b>	<b>9</b>
3	08/06/2012	08/10/2012	IP 60845	Operation of Inter-Unit Fuel Transfer Canister and Cask System	
3	08/13/2012	08/17/2012	IP 60845	Operation of Inter-Unit Fuel Transfer Canister and Cask System	
3	08/25/2012	08/29/2012	IP 60845	Operation of Inter-Unit Fuel Transfer Canister and Cask System	
3	09/04/2012	09/07/2012	IP 60845	Operation of Inter-Unit Fuel Transfer Canister and Cask System	
			<b>TI 182</b>	<b>- DEGRADATION OF UNDERGROUND PIPING</b>	<b>1</b>
3	07/09/2012	07/11/2012	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
			<b>71124</b>	<b>- HP - EXPOSURE AND ALARA CONTROLS</b>	<b>1</b>
3	07/16/2012	07/20/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
3	07/16/2012	07/20/2012	IP 71124.02	Occupational ALARA Planning and Controls	
3	07/16/2012	07/20/2012	IP 71124.04	Occupational Dose Assessment	
			<b>711107T</b>	<b>- TRIENNIAL HEAT SINK</b>	<b>1</b>
3	07/23/2012	07/27/2012	IP 711107T	Heat Sink Performance	
			<b>TI-187</b>	<b>- TI-187 FLOODING WALKDOWNS</b>	<b>1</b>
3	09/01/2012	11/30/2012	IP 2515/187	Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns	
			<b>TI-188</b>	<b>- TI-188 SEISMIC WALKDOWNS</b>	<b>1</b>
3	09/01/2012	11/30/2012	IP 2515/188	Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns	
			<b>EP EX</b>	<b>- 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>2/11 EXM</b>	<b>- IP3 INITIAL EXAM</b>	<b>4</b>
3	01/14/2013	01/18/2013	U01866	FY-13 IP3 INITIAL OPERATOR LICENSING EXAM	
3	02/11/2013	02/15/2013	U01866	FY-13 IP3 INITIAL OPERATOR LICENSING EXAM	
			<b>7111121</b>	<b>- CDBI</b>	<b>9</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	
			<b>92702</b>	<b>- FOLLOWUP TO CONFIRMATORY ORDER (QA/QC)</b>	<b>1</b>
3	10/01/2012	12/31/2012	IP 92702	Followup On Corrective Actions For Violations And Deviations	
			<b>71124</b>	<b>- HP - EXPOSURE AND ALARA CONTROLS</b>	<b>1</b>
3	11/05/2012	11/09/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
3	11/05/2012	11/09/2012	IP 71124.02	Occupational ALARA Planning and Controls	
3	11/05/2012	11/09/2012	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 3

## Inspection / Activity Plan

07/01/2012 - 12/31/2013

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
3	11/12/2012	11/16/2012	<b>60845</b> IP 60845	<b>- INTER-UNIT WET TRANSFER (SET #2)</b> Operation of Inter-Unit Fuel Transfer Canister and Cask System	4
3	01/14/2013	01/18/2013	<b>71124</b> IP 71124.05	<b>- RETS</b> Radiation Monitoring Instrumentation	1
3	01/14/2013	01/18/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
3	03/18/2013	03/29/2013	<b>7111108P</b> IP 7111108P	<b>- U3 INSERVICE INSPECTION</b> Inservice Inspection Activities - PWR	1
3	03/25/2013	03/29/2013	<b>71124</b> IP 71124.01	<b>- HP - EXPOSURE AND ALARA CONTROLS</b> Radiological Hazard Assessment and Exposure Controls	1
3	03/25/2013	03/29/2013	IP 71124.02	Occupational ALARA Planning and Controls	
3	04/29/2013	05/03/2013	<b>71124</b> IP 71124.01	<b>- HP - EXPOSURE &amp; DOSE ASSESSMENT</b> Radiological Hazard Assessment and Exposure Controls	1
3	04/29/2013	05/03/2013	IP 71124.02	Occupational ALARA Planning and Controls	
3	04/29/2013	05/03/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
3	04/29/2013	05/03/2013	IP 71124.04	Occupational Dose Assessment	
3	05/20/2013	05/24/2013	<b>EP PROGR</b> IP 7111402	<b>- EP PROGRAM INSPECTION</b> Alert and Notification System Testing	1
3	05/20/2013	05/24/2013	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
3	05/20/2013	05/24/2013	IP 7111404	Emergency Action Level and Emergency Plan Changes	
3	05/20/2013	05/24/2013	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
3	09/16/2013	09/20/2013	<b>7111111B</b> IP 7111111B	<b>- IP3 REQUL INSPECTION WITH P/IF RESULTS</b> Licensed Operator Requalification Program	2
3	08/19/2013	08/23/2013	<b>71124</b> IP 71124.01	<b>- HP - EXPOSURE AND ALARA CONTROLS</b> Radiological Hazard Assessment and Exposure Controls	1
3	08/19/2013	08/23/2013	IP 71124.02	Occupational ALARA Planning and Controls	
3	08/19/2013	08/23/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
3	08/19/2013	08/23/2013	IP 71124.05	Radiation Monitoring Instrumentation	
3	10/07/2013	10/11/2013	<b>PI&amp;R</b> IP 71152B	<b>- PI&amp;R</b> Problem Identification and Resolution	4
3	10/21/2013	10/25/2013	IP 71152B	Problem Identification and Resolution	
3	11/04/2013	11/08/2013	<b>71124.08</b> IP 71124.08	<b>- RADWASTE</b> Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	1