



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I**  
2100 RENAISSANCE BOULEVARD, SUITE 100  
KING OF PRUSSIA, PENNSYLVANIA 19406-2713

September 3, 2013

Mr. John Ventosa, Site Vice President  
Entergy Nuclear Operations, Inc.  
Indian Point Energy Center  
450 Broadway, GSB  
P.O. Box 249  
Buchanan, NY 10511-0249

**SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -  
INDIAN POINT NUCLEAR GENERATING UNITS 2 AND 3  
(REPORT 05000247/2013006 AND 05000286/2013006)**

Dear Mr. Ventosa:

On August 14, 2013, 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, 2012, through June 30, 2013. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined that overall, Indian Point operated in a manner that preserved public health and safety and met all cornerstone objectives. 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 safety significance (Green), and all PIs indicated that your performance was within the nominal, expected range (Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2014. 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. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

In addition to baseline inspections, the NRC will perform Inspection Procedure (IP) 60855.1, "Operation of an Independent Spent Fuel Storage Installation at Operating Plants," IP 60845, "Operation of Intra-Unit Fuel Transfer Canister and Cask System," and Temporary Instruction (TI) 2515/182, "Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping – Phase 2."

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

As described in our assessment letter dated March 4, 2013, the NRC has modified the inspection program at Indian Point. On January 1, 2012, the NRC implemented an inspection program which performs major team inspections, with the exception of triennial fire protection inspections, on a site basis versus a unit basis. Also, on January 1, 2013, the NRC reduced the inspection sample requirements for the resident baseline inspection program and set resident staffing at three permanent resident inspectors instead of four. However, the modified inspection program maintains an increased NRC inspection effort and staffing compared to other dual unit sites in the U.S.

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 the NRC's Agencywide Documents Access Management 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 610-337-5069 with any questions you have regarding this letter.

Sincerely,

*/RA/*

Arthur L. Burritt, Chief  
Projects Branch 2  
Division of Reactor Projects

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

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	
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DATE	8/26/13	9/3/13			

**Indian Point**  
**Inspection / Activity Plan**  
**07/01/2013 - 12/31/2014**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>711111B - INDIAN PT 3 REQUAL INSP WITH P/F RESULTS</b>		<b>2</b>
3	09/16/2013	09/20/2013	IP 711111B	Licensed Operator Requalification Program	
			<b>71124 - HP - EXPOSURE AND ALARA CONTROLS</b>		<b>1</b>
2,3	08/19/2013	08/23/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2,3	08/19/2013	08/23/2013	IP 71124.02	Occupational ALARA Planning and Controls	
2,3	08/19/2013	08/23/2013	IP 71124.05	Radiation Monitoring Instrumentation	
			<b>ISFSI - ISFSI LOADING INSPECTION</b>		<b>2</b>
2	08/19/2013	08/23/2013	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			<b>PI&amp;R - PI&amp;R</b>		<b>5</b>
2,3	10/07/2013	10/11/2013	IP 71152B	Problem Identification and Resolution	
2,3	10/21/2013	10/25/2013	IP 71152B	Problem Identification and Resolution	
			<b>2516-001 - TI 2516-001 LR COMMITMENT INSP PHASE III</b>		<b>2</b>
2	09/09/2013	09/13/2013	IP 2516/001	Review of License Renewal Activities	
			<b>2/9EXAM - IP2 INITIAL EXAM</b>		<b>4</b>
2	01/13/2014	01/17/2014	U01890	FY14-INDIAN POINT 2 INITIAL OPERATOR LICENSING EXAM	
2	02/10/2014	02/19/2014	U01890	FY14-INDIAN POINT 2 INITIAL OPERATOR LICENSING EXAM	
			<b>71124.08 - RADWASTE</b>		<b>1</b>
2,3	11/04/2013	11/08/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			<b>7111108P - INSERVICE INSPECTION</b>		<b>1</b>
2	03/03/2014	03/14/2014	IP 7111108P	Inservice Inspection Activities - PWR	
			<b>71124 - HP</b>		<b>1</b>
2,3	03/10/2014	03/14/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2,3	03/10/2014	03/14/2014	IP 71124.02	Occupational ALARA Planning and Controls	
			<b>TI-182 - DEGRAD UNDERGROUND PIPING - PHASE 2</b>		<b>1</b>
2,3	03/31/2014	04/04/2014	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
			<b>TRI FIRE - IP3 TRIENNIAL FIRE PROTECTION INSPECTION</b>		<b>4</b>
3	05/05/2014	05/09/2014	IP 7111105T	Fire Protection [Triennial]	
3	05/19/2014	05/23/2014	IP 7111105T	Fire Protection [Triennial]	
			<b>71124.07 - REMP</b>		<b>1</b>
2,3	06/09/2014	06/13/2014	IP 71124.07	Radiological Environmental Monitoring Program	
			<b>2561 - SAFSTOR</b>		<b>1</b>
1	06/23/2014	06/25/2014	IP 36801	Organization, Management, And Cost Controls At Permanently Shutdown Reactors	
1	06/23/2014	06/25/2014	IP 37801	Safety Reviews, Design Changes, And Modifications At Permanently Shutdown Reactors	

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

**Indian Point**  
**Inspection / Activity Plan**  
**07/01/2013 - 12/31/2014**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
<b>2561 - SAFSTOR</b>					<b>1</b>
1	06/23/2014	06/25/2014	IP 40801	Self-Assessment, Auditing, And Corrective Action At Permanently Shutdown Reactors	
1	06/23/2014	06/25/2014	IP 60801	Spent Fuel Pool Safety At Permanently Shutdown Reactors	
1	06/23/2014	06/25/2014	IP 62801	Maintenance And Surveillance At Permanently Shutdown Reactors	
1	06/23/2014	06/25/2014	IP 71801	Decommissioning Performance And Status Review At Permanently Shutdown Reactors	
1	06/23/2014	06/25/2014	IP 83750	Occupational Radiation Exposure	
1	06/23/2014	06/25/2014	IP 84750	Radioactive Waste Treatment, And Effluent And Environmental Monitoring	
1	06/23/2014	06/25/2014	IP 86750	Solid Radioactive Waste Management And Transportation Of Radioactive Materials	
<b>MODS - PERMANENT PLANT MODIFICATIONS</b>					<b>4</b>
2, 3	06/23/2014	06/27/2014	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
2, 3	07/07/2014	07/11/2014	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
<b>ISFSI - INTER-UNIT FUEL TRANSFER</b>					<b>2</b>
2, 3	07/14/2014	07/18/2014	IP 60845	Operation of Inter-Unit Fuel Transfer Canister and Cask System	
<b>7111111B - U2 REQUAL INSP WITH P/F RESULTS</b>					<b>2</b>
2	09/15/2014	09/19/2014	IP 7111111B	Licensed Operator Requalification Program	
<b>71124 - HP</b>					<b>1</b>
2, 3	08/11/2014	08/15/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2, 3	08/11/2014	08/15/2014	IP 71124.02	Occupational ALARA Planning and Controls	
2, 3	08/11/2014	08/15/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
<b>EP EXER - EP EXERCISE INSPECTION</b>					<b>1</b>
2, 3	10/06/2014	10/10/2014	IP 7111407	Exercise Evaluation - Hostile Action (HA) Event	
<b>71124 - HP</b>					<b>1</b>
2, 3	11/03/2014	11/07/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2, 3	11/03/2014	11/07/2014	IP 71124.04	Occupational Dose Assessment	

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