



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

March 5, 2012

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

**SUBJECT: ANNUAL ASSESSMENT LETTER - INDIAN POINT NUCLEAR GENERATING
UNITS 2 AND 3 (REPORTS 05000247/2011001 AND 05000286/2011001)**

Dear Mr. Ventosa:

On February 14, 2012, the U. S. Nuclear Regulatory Commission (NRC) completed its end-of-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 January 1, 2011 through December 31, 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 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 plant 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 June 30, 2013. 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. In addition to baseline inspections, the NRC will perform Temporary Instruction 2515/182, "Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks." 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. 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 Web site at:

<http://pbadupws.nrc.gov/docs/ML1106/ML110620255.pdf>

The NRC previously budgeted and completed inspections at Indian Point Units 2 and 3 considering each unit as a single reactor site. This approach was 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. As a result, insights from our inspections on one unit are generally applicable to the other unit. Beginning January 1, 2012, the NRC implemented a modified inspection program that performs major team inspections, with the exception of licensed operator programs and triennial fire protection inspections, on a site basis versus 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 monitor the results of these team inspections and inform you regarding changes to our inspection plans in the future. Additionally, beginning with the 2012 mid-cycle assessment, the NRC will assess your performance with regard to cross-cutting issues on a site basis instead of a unit basis. 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 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 the NRC's Agencywide Documents Access and Management Systems (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 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: Point 2 & 3 Inspection / Activity Plan

cc w/encl: Distribution via ListServ

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Sincerely,
/RA/
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 Reactor 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

cc w/encl: Distribution via ListServ

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DOCUMENT NAME: S:\ROP-12 EOC Review\Branch 2\Indian Point\IP EOC Letter 2011 rev1 a.docx
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DATE	02/27/12	02/27/12	03/01/12		

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Indian Point

Inspection / Activity Plan

01/01/2012 - 06/30/2013

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			2/6 EXAM - IP2 INITIAL EXAM		4
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	
2	03/04/2012	03/08/2012	2516-001	- TI 2516-001 LR COMMITMENT INSP PHASE I	3
			IP 2516/001	Review of License Renewal Activities	
			71124	- HP	1
2	03/12/2012	03/16/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	03/12/2012	03/16/2012	IP 71124.02	Occupational ALARA Planning and Controls	
2	03/12/2012	03/23/2012	711108P	- INSERVICE INSPECTION	1
			IP 711108P	Inservice Inspection Activities - PWR	
			2561	- SAFSTOR INSPECTION	1
1	06/04/2012	06/08/2012	IP 36801	Organization, Management, And Cost Controls At Permanently Shutdown Reactors	
1	06/04/2012	06/08/2012	IP 37801	Safety Reviews, Design Changes, And Modifications At Permanently Shutdown Reactors	
1	06/04/2012	06/08/2012	IP 40801	Self-Assessment, Auditing, And Corrective Action At Permanently Shutdown Reactors	
1	06/04/2012	06/08/2012	IP 62801	Maintenance And Surveillance At Permanently Shutdown Reactors	
1	06/04/2012	06/08/2012	IP 71801	Decommissioning Performance And Status Review At Permanently Shutdown Reactors	
1	06/04/2012	06/08/2012	IP 83750	Occupational Radiation Exposure	
1	06/04/2012	06/08/2012	IP 84750	Radioactive Waste Treatment, And Effluent And Environmental Monitoring	
1	06/04/2012	06/08/2012	IP 86750	Solid Radioactive Waste Management And Transportation Of Radioactive Materials	
			71124	- REM-P	1
2	06/11/2012	06/15/2012	IP 71124.07	Radiological Environmental Monitoring Program	
2	07/09/2012	07/13/2012	TI 182	- DEGRADATION OF UNDERGROUND PIPING	1
			IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
2	09/17/2012	09/21/2012	711111B	- IP2 REQUAL INSP W/ P/F RESULTS	2
			IP 711111B	Licensed Operator Requalification Program	
			71124	- HP	1
2	07/16/2012	07/20/2012	IP 60855	Operation Of An ISFSI	
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	
2	07/23/2012	07/27/2012	711107T	- TRIENNIAL HEAT SINK	2
			IP 711107T	Heat Sink Performance	
2	10/01/2012	10/05/2012	EP EX	- EP EXERCISE EVALUATION	3
			IP 7111401	Exercise Evaluation	

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

Indian Point

Inspection / Activity Plan

01/01/2012 - 06/30/2013

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
2	10/01/2012	10/05/2012	EP EX IP 7111404	- EP EXERCISE EVALUATION Emergency Action Level and Emergency Plan Changes	3
2	10/15/2012	10/19/2012	7111121 IP 7111121	- CDBI Component Design Bases Inspection	4
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	
2	10/01/2012	12/31/2012	92702 IP 92702	- FOLLOWUP TO CONFIRMATORY ORDER (QA/QC) Followup On Corrective Actions For Violations And Deviations	1
2	11/05/2012	11/09/2012	71124 IP 71124.01	- HP Radiological Hazard Assessment and Exposure Controls	1
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	
2	01/14/2013	01/18/2013	71124.07 IP 71124.05	- RETS Radiation Monitoring Instrumentation	1
2	01/14/2013	01/18/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
2	01/28/2013	02/01/2013	TRIFI IP 7111105T	- TRIENNIAL FIRE PROTECTION INSPECTION Fire Protection [Triennial]	3
2	02/11/2013	02/15/2013	IP 7111105T	Fire Protection [Triennial]	
2	03/01/2013	06/30/2013	ISFSI IP 60855	- ISFSI LOADING Operation Of An ISFSI	1
2	03/25/2013	03/29/2013	71124 IP 71124.01	- HP Radiological Hazard Assessment and Exposure Controls	1
2	03/25/2013	03/29/2013	IP 71124.02	Occupational ALARA Planning and Controls	
2	05/20/2013	05/24/2013	EP PROGR IP 7111402	- EP PROGRAM INSPECTION Alert and Notification System Testing	1
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	
2	06/03/2013	06/07/2013	2516-001 IP 2516/001	- TI 2516-001 LR COMMITMENT INSP PHASE II Review of License Renewal Activities	4
2	06/17/2013	06/21/2013	IP 2516/001	Review of License Renewal Activities	
2	06/10/2013	06/14/2013	PI&R IP 71152B	- PI&R Problem Identification and Resolution	4
2	06/24/2013	06/28/2013	IP 71152B	Problem Identification and Resolution	

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

Indian Point 3

Inspection / Activity Plan

01/01/2012 - 06/30/2013

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			71124	- HP	
3	03/12/2012	03/16/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	1
3	03/12/2012	03/16/2012	IP 71124.02	Occupational ALARA Planning and Controls	
			71124	- REMP	
3	06/11/2012	06/15/2012	IP 71124.07	Radiological Environmental Monitoring Program	1
			ISFSI	- ISFSI - WET TRNSFER DRY RUN ACTIVITIES	2
3	07/01/2012	08/30/2012	IP 60854	Preoperational Testing Of An ISFSI	
			TI 182	- DEGRADATION OF UNDERGROUND PIPING	1
3	07/09/2012	07/11/2012	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
			71124	- HP	
3	07/16/2012	07/20/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	1
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	
			711107T	- TRIENNIAL HEAT SINK	2
3	07/23/2012	07/27/2012	IP 7111107T	Heat Sink Performance	
			EP EX	- EP EXERCISE EVALUATION	3
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	
			2/11 EXM	- IP3 INITIAL EXAM	4
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	
			711121	- CDBI	5
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	
			92702	- FOLLOWUP TO CONFIRMATORY ORDER (QA/QC)	1
3	10/01/2012	12/31/2012	IP 92702	Followup On Corrective Actions For Violations And Deviations	
			71124	- HP	
3	11/05/2012	11/09/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	1
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	
			71124	- RETS	1
3	01/14/2013	01/18/2013	IP 71124.05	Radiation Monitoring Instrumentation	

This report does not include INPO and OUTAGE activities.

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Indian Point 3

Inspection / Activity Plan

01/01/2012 - 06/30/2013

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			71124	- RETS	
3	01/14/2013	01/18/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	1
			711108P	- U3 INSERVICE INSPECTION	
3	03/18/2013	03/29/2013	IP 7111108P	Inservice Inspection Activities - PWR	1
			71124	- HP	
3	03/25/2013	03/29/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	1
3	03/25/2013	03/29/2013	IP 71124.02	Occupational ALARA Planning and Controls	1
			EP PROGR	- EP PROGRAM INSPECTION	
3	05/20/2013	05/24/2013	IP 7111402	Alert and Notification System Testing	1
3	05/20/2013	05/24/2013	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	1
3	05/20/2013	05/24/2013	IP 7111404	Emergency Action Level and Emergency Plan Changes	1
3	05/20/2013	05/24/2013	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	1
			PI&R	- PI&R	
3	06/10/2013	06/14/2013	IP 71152B	Problem Identification and Resolution	4
3	06/24/2013	06/28/2013	IP 71152B	Problem Identification and Resolution	4

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