



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

March 4, 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: ANNUAL ASSESSMENT LETTER FOR INDIAN POINT NUCLEAR
GENERATING UNITS 2 AND 3 (REPORT 05000247/2012001 AND
05000286/2012001)**

Dear Mr. Ventosa:

On February 13, 2013, 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 in addition to inspection results and enforcement actions from January 1, 2012 through December 31, 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.

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 (i.e., green) safety significance, and all performance indicators demonstrated 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, 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 mid-cycle performance review. In addition to the baseline inspections, the NRC will perform Inspection Procedure (IP) 60855.1, "Operation of an Independent Spent Fuel Storage Installation at Operating Plants," and TI-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. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

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 (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 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>

In 2011, based on years of inspection results and assessment insights associated with the site-wide organization at Indian Point, the NRC determined that it was appropriate to modify the inspection program at Indian Point to more closely resemble other dual-unit sites. On January 1, 2012, the NRC implemented a modified inspection program that performed major team inspections, with the exception of triennial fire protection inspections, on a site basis versus a unit basis. Effective January 1, 2013, the NRC modified the inspection requirements for the resident baseline inspection program. The modified inspection program has reduced inspection samples compared to previous years but maintains an increased NRC inspection effort, when compared to similar plants in the U.S. The NRC will accordingly change resident staffing from four to three permanent resident inspectors in the next several months. The three resident inspectors at Indian Point are necessary to complete the modified inspection program requirements. The NRC will periodically evaluate the implementation of the baseline inspection program at Indian Point and make adjustments as appropriate.

In accordance with Title 10 of the *Code of Federal Regulations*, Part 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 Agencywide Documents Access and 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
Branch Chief

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

Enclosure: Indian Point 2 & 3 Inspection / Activity Plan

Instruction 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 Temporary Instruction is available on the NRC Website at: <http://pbadupws.nrc.gov/docs/ML1106/ML110620255.pdf>

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Please contact me at 610-337-5069 with any questions you have regarding this letter.

Sincerely,
/RA/
 Arthur L. Burritt, Chief
 Projects Branch 2
 Branch Chief

Docket Nos. 50-247; 50-286
 Lice*See prior concurrence
 nse Nos. DPR-26; DPR-64

Enclosure: Indian Point 2 & 3 Inspection / Activity Plan

DOCUMENT NAME: \\nrc.gov\nrc\R1\Shared\ROP-13 EOC Review\Branch 2\IPEC 2013 AAL rev2.doc
 ADAMS ACCESSION NUMBER: **ML13006A402**

<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	RI/DRP	RI/DRP	
NAME	BBickett	PCataldo/via email	SStewart via email	ABurritt	
DATE	02/25/13	02/25/13	02/26/13	03/04/13	

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RidsNrrDorLpl1-1 Resource
ROPreport Resource
ROPassessment Resource
RidsNrrDirslpabResource

Indian Point

Inspection / Activity Plan

01/01/2013 - 06/30/2014

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			71124	- RETS	
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	
			TRI FI	- TRIENNIAL FIRE PROTECTION INSPECTION	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]	
			92702	- NOV FOLLOWUP OMA	1
2	01/15/2013	02/15/2013	IP 92702	Followup On Corrective Actions For Violations And Deviations	
			71124	- HP - EXPOSURE & ALARA CONTROLS	1
2	03/18/2013	03/22/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	03/18/2013	03/22/2013	IP 71124.02	Occupational ALARA Planning and Controls	
			71124	- HP - EXPOSURE CONTROLS & DOSE ASSESSMENT	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	
			EP PROGR	- EP PROGRAM INSPECTION	2
2	05/13/2013	05/17/2013	IP 7111402	Alert and Notification System Testing	
2	05/13/2013	05/17/2013	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
2	05/13/2013	05/17/2013	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
			2516-001	- TI 2516-001 LR COMMITMENT INSP PHASE II	7
2	05/06/2013	05/10/2013	IP 2516/001	Review of License Renewal Activities	
2	05/20/2013	05/24/2013	IP 2516/001	Review of License Renewal Activities	
			60855	- ISFSI LOADING INSPECTION	1
2	06/01/2013	08/31/2013	IP 60855	Operation Of An ISFSI	
2	06/01/2013	08/31/2013	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			2561	- SAFSTOR	1
1	06/24/2013	06/27/2013	IP 36801	Organization, Management, And Cost Controls At Permanently Shutdown Reactors	
1	06/24/2013	06/27/2013	IP 37801	Safety Reviews, Design Changes, And Modifications At Permanently Shutdown Reactors	
1	06/24/2013	06/27/2013	IP 40801	Self-Assessment, Auditing, And Corrective Action At Permanently Shutdown Reactors	
1	06/24/2013	06/27/2013	IP 60801	Spent Fuel Pool Safety At Permanently Shutdown Reactors	
1	06/24/2013	06/27/2013	IP 62801	Maintenance And Surveillance At Permanently Shutdown Reactors	
1	06/24/2013	06/27/2013	IP 71801	Decommissioning Performance And Status Review At Permanently Shutdown Reactors	
1	06/24/2013	06/27/2013	IP 83750	Occupational Radiation Exposure	

This report does not include INPO and OUTAGE activities.

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

**Indian Point
Inspection / Activity Plan
01/01/2013 - 06/30/2014**

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			2561	- SAFSTOR	
1	06/24/2013	06/27/2013	IP 84750	Radioactive Waste Treatment, And Effluent And Environmental Monitoring	1
1	06/24/2013	06/27/2013	IP 86750	Solid Radioactive Waste Management And Transportation Of Radioactive Materials	
			71124	- HP - EXPOSURE AND ALARA CONTROLS	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	
			PI&R	- PI&R	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	
			2516-001	- TI 2516-001 LR COMMITMENT INSP PHASE III	2
2	09/09/2013	09/13/2013	IP 2516/001	Review of License Renewal Activities	
			2/9EXAM	- IP2 INITIAL EXAM	4
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	
			71124.08	- RADWASTE	1
2	11/04/2013	11/08/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			7111108P	- INSERVICE INSPECTION	1
2	03/03/2014	03/14/2014	IP 7111108P	Inservice Inspection Activities - PWR	
			71124	- HP	1
2	03/10/2014	03/14/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	03/10/2014	03/14/2014	IP 71124.02	Occupational ALARA Planning and Controls	
			TI-182	- DEGRAD UNDERGROUND PIPING - PHASE 2	1
2	03/31/2014	04/04/2014	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
			71124.07	- REMP	1
2	06/09/2014	06/13/2014	IP 71124.07	Radiological Environmental Monitoring Program	
			2561	- SAFSTOR	1
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	
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	

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Indian Point

Inspection / Activity Plan

01/01/2013 - 06/30/2014

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
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2561 - SAFSTOR

1	06/23/2014	06/25/2014	IP 83750	Occupational Radiation Exposure	1
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	

MODS - PERMANENT PLANT MODIFICATIONS

2	06/23/2014	06/27/2014	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	4
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 This report shows only on-site and announced inspection procedures.

Indian Point 3

Inspection / Activity Plan

01/01/2013 - 06/30/2014

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			2/11 EXM - IP3 INITIAL EXAM		3
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	
			71124 - RETS		1
3	01/14/2013	01/18/2013	IP 71124.05	Radiation Monitoring Instrumentation	
3	01/14/2013	01/18/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
			92702 - NOV FOLLOWUP OMA		1
3	01/15/2013	02/15/2013	IP 92702	Followup On Corrective Actions For Violations And Deviations	
			7111108P - U3 INSERVICE INSPECTION		1
3	03/11/2013	03/22/2013	IP 7111108P	Inservice Inspection Activities - PWR	
			71124 - HP - EXPOSURE AND ALARA CONTROLS		1
3	03/18/2013	03/22/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
3	03/18/2013	03/22/2013	IP 71124.02	Occupational ALARA Planning and Controls	
			71124 - HP - EXPOSURE & DOSE ASSESSMENT		1
3	04/29/2013	05/03/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
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	
			EP PROGR - EP PROGRAM INSPECTION		2
3	05/13/2013	05/17/2013	IP 7111402	Alert and Notification System Testing	
3	05/13/2013	05/17/2013	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
3	05/13/2013	05/17/2013	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
			7111111B - IP3 REQUAL INSPECTION WITH P/IF RESULTS		2
3	09/16/2013	09/20/2013	IP 7111111B	Licensed Operator Requalification Program	
			71124 - HP - EXPOSURE AND ALARA CONTROLS		1
3	08/19/2013	08/23/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
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	
			PI&R - PI&R		4
3	10/07/2013	10/11/2013	IP 71152B	Problem Identification and Resolution	
3	10/21/2013	10/25/2013	IP 71152B	Problem Identification and Resolution	
			71124.08 - RADWASTE		1
3	11/04/2013	11/08/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	

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Indian Point 3

Inspection / Activity Plan

01/01/2013 - 06/30/2014

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			71124 - HP		1
3	03/10/2014	03/14/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
3	03/10/2014	03/14/2014	IP 71124.02	Occupational ALARA Planning and Controls	
			TI-182 - DEGRAD UNDERGROUND PIPING - PHASE 2		1
3	03/31/2014	04/04/2014	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
			TRI FI - TRIENNIAL FIRE PROTECTION		4
3	05/05/2014	05/09/2014	IP 7111105T	Fire Protection [Triennial]	
3	05/19/2014	05/23/2014	IP 7111105T	Fire Protection [Triennial]	
			71124.07 - REMP		1
3	06/09/2014	06/13/2014	IP 71124.07	Radiological Environmental Monitoring Program	
			MODS - PERMANENT PLANT MODIFICATIONS		4
3	06/23/2014	06/27/2014	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	