



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION I
2100 RENAISSANCE BLVD., SUITE 100
KING OF PRUSSIA, PA 19406-2713

September 2, 2014

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

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR INDIAN POINT NUCLEAR
GENERATING UNITS 2 AND 3 (REPORT 05000247/2014006 AND
05000286/2014006)

Dear Mr. Ventosa:

On August 13, 2014, 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 in addition to inspection results and enforcement actions from July 1, 2013 through June 30, 2014. 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 was 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 during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process 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 Reactor Oversight Process baseline inspections at your facility.

As a result of the Safety Culture Common Language Initiative, the terminology and coding of cross-cutting aspects were revised. All cross-cutting aspects identified during inspections conducted in calendar year 2014 reflect this revision to Inspection Manual Chapter (IMC) 0310. Cross-cutting aspects identified in 2013 using the 2013 terminology were converted to the latest revision in accordance with the cross-reference in IMC 0310 during the mid-cycle assessment review and evaluated for cross-cutting themes and potential substantive cross-cutting issues in accordance with IMC 0305.

The enclosed inspection plan lists the inspections scheduled through December 31, 2015. 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. In addition to baseline inspections, the NRC will perform Inspection Procedure (IP) 92702, "Follow-up on Corrective Actions for Violations and Deviations," IP 60845, "Operation of Inter-Unit Fuel Transfer Canister and Cask System,"

IP 60855, "Operation Of An Independent Spent Fuel Storage Installation (ISFSI)," and Temporary Instruction (TI) 2516/001, "Review of License Renewal Activities." 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 response to the accident at Fukushima, the Commission issued Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events," which requires licensees to develop, implement, and maintain guidance and strategies to maintain or restore core cooling, containment, and spent fuel pool cooling capabilities following a beyond-design-basis external event. Additionally, the Commission issued Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation," which requires licensees to have a reliable means of remotely monitoring wide-range Spent Fuel Pool levels to support effective prioritization of event mitigation and recovery actions in the event of a beyond-design-basis external event. The NRC is conducting audits of licensee efforts towards compliance with these Orders. This audit includes an onsite component in order for the NRC to evaluate licensee plans for complying with the Orders, as described in site-specific submittals, and to receive and review information relative to associated open items. This onsite activity will occur in the months prior to a declaration of compliance for the first unit at each site, and will aid staff in development of an ultimate Safety Evaluation for the site. The onsite component has been scheduled for the week of October 27, 2014. A site-specific audit plan for the visit will be provided in advance to allow sufficient time for preparations.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 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 component of the NRC's Agencywide Document Access and Management System (ADAMS). ADAMS is accessible from the NRC website 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
Reactor Projects Branch 2
Division of Reactor Projects

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

Enclosure: Inspection Plan

cc w/encl: Distribution via ListServ

IP 60855, "Operation Of An Independent Spent Fuel Storage Installation (ISFSI)," and Temporary Instruction (TI) 2516/001, "Review of License Renewal Activities." 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.

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Enclosure: Inspection Plan

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See next page

DOCUMENT NAME: S:\ROP Assessment Meetings\ROP-15 Mid-Cycle Review\Branch 2\Indian Point\2014 IP MC Letter-final.docx
ADAMS ACCESSION NUMBER: **ML14239A518**

<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	TSetzer/TCS	ABurritt/ALB			
DATE	08/20/14	08/21/14			

OFFICIAL RECORD COPY

Letter to John Ventosa from Arthur Burritt dated September 2, 2014

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR INDIAN POINT NUCLEAR
GENERATING UNITS 2 AND 3 (REPORT 05000247/2014006 AND
05000286/2014006)

Distribution w/encl: (via email)

W. Dean, RA
D. Lew, DRA
H. Nieh, DRP
M. Scott, DRP
J. Trapp, DRS
P. Krohn, DRS
A. Burritt, DRP
T. Setzer, DRP
L. McKown, DRP
J. Petch, DRP
S. Stewart, DRP, SRI
B. Bollinger, DRP, RI (Actg)
G. Newman, DRP, RI
D. Hochmuth, DRP, AA
A. Bowers, RI OEDO
RidsNrrPMIndianPoint Resource
RidsNrrDorlLpl1-1 Resource
ROPReports Resources
A. Dimitriadis, DRS
J. Noggle, DRS
M. Gray, DRS
C. Cahill, DRS
J. Rogge, DRS
D. Jackson, DRS
D. Screnci, PAO,
N. Sheehan, PAO
N. McNamara, SLO
D. Tifft, SLO
ROPassessment Resource
RidsNrrDirslpabResource

Indian Point
Inspection / Activity Plan
07/01/2014 - 12/31/2015

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		92702 - OMA NOV FOLLOW-UP		3
2, 3	08/26/2014 08/27/2014	IP 92702	Followup On Corrective Actions For Violations And Deviations	
		711111B - U2 REQUAL INSP WITH P/F RESULTS		2
2	09/15/2014 09/19/2014	IP 711111B	Licensed Operator Requalification Program	
		9/15EXAM - IP2 RETAKE INITIAL OL EXAM		1
2	09/15/2014 09/19/2014	U01921	FY14-IP2 INITIAL OPERATOR LICENSING RETAKE EXAM	
		ISFSI - INTER-UNIT FUEL TRANSFER		3
2, 3	07/21/2014 07/25/2014	IP 60845	Operation of Inter-Unit Fuel Transfer Canister and Cask System	
		71124 - HP		1
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	08/11/2014 08/15/2014	IP 71152	Problem Identification and Resolution	
		92709 - STRIKE CONTINGENCY PLANNING		3
2, 3	09/01/2014 10/01/2014	IP 92709	Licensee Strike Contingency Plans	
		92702 - 92702 FOR IP RFOST/FOST SL-III VIO		1
2, 3	09/01/2014 12/31/2014	IP 92702	Followup On Corrective Actions For Violations And Deviations	
		EP EXER - EP EXERCISE INSPECTION		2
2, 3	10/06/2014 10/10/2014	IP 7111407	Exercise Evaluation - Hostile Action (HA) Event	
		71124 - HP		1
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	
2, 3	11/03/2014 11/07/2014	IP 71151-OR01		
2, 3	11/03/2014 11/07/2014	IP 71151-PR01		
		5/11EXAM - U3 INITIAL OL EXAM		4
3	04/13/2015 04/17/2015	U01908	FY15-IP3 INITIAL OPERATOR LICENSING EXAM	
3	05/11/2015 05/15/2015	U01908	FY15-IP3 INITIAL OPERATOR LICENSING EXAM	
		71124 - RETS		1
2, 3	02/09/2015 02/13/2015	IP 71124.05	Radiation Monitoring Instrumentation	
2, 3	02/09/2015 02/13/2015	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
		71124 - HP		1
3	03/02/2015 03/06/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
3	03/02/2015 03/06/2015	IP 71124.02	Occupational ALARA Planning and Controls	

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

Enclosure

Indian Point
Inspection / Activity Plan
07/01/2014 - 12/31/2015

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		711108P - U3 INSERVICE INSPECTION		1
3	03/02/2015 03/13/2015	IP 711108P	Inservice Inspection Activities - PWR	
		71124 - HP		1
2, 3	05/04/2015 05/08/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2, 3	05/04/2015 05/08/2015	IP 71124.02	Occupational ALARA Planning and Controls	
2, 3	05/04/2015 05/08/2015	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
		ISFSI - ISFSI LOADING INSPECTION		1
2, 3	06/01/2015 09/30/2015	IP 60855	Operation Of An ISFSI	
2	06/01/2015 09/30/2015	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
		711107T - TRIENNIAL HEAT SINK		1
2, 3	07/13/2015 07/22/2015	IP 711107T	Heat Sink Performance	
		CDBI - COMPONENT DESIGN BASIS INSPECTION		6
2, 3	07/20/2015 07/24/2015	IP 7111121	Component Design Bases Inspection	
2, 3	08/03/2015 08/07/2015	IP 7111121	Component Design Bases Inspection	
2, 3	08/17/2015 08/21/2015	IP 7111121	Component Design Bases Inspection	
		711111B - IP3 REQUAL INSP W/ P/F RESULTS		2
3	09/21/2015 09/25/2015	IP 711111B	Licensed Operator Requalification Program	
		71124 - HP		1
2, 3	08/10/2015 08/14/2015	IP 71124.04	Occupational Dose Assessment	
2, 3	08/10/2015 08/14/2015	IP 71124.05	Radiation Monitoring Instrumentation	
2, 3	08/10/2015 08/14/2015	IP 71151	Performance Indicator Verification	
		EP - EP PROGRAM INSPECTION		1
2, 3	08/17/2015 08/21/2015	IP 7111402	Alert and Notification System Testing	
2, 3	08/17/2015 08/21/2015	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
2, 3	08/17/2015 08/21/2015	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
		2516-001 - TI 2516-001 U3 LR COMMITMENTS INSPECTION		1
3	11/16/2015 11/20/2015	IP 2516/001	Review of License Renewal Activities	
		71124.08 - RADWASTE		1
2, 3	11/16/2015 11/20/2015	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
		PI&R - PI&R - BIENNIAL		4
2, 3	11/30/2015 12/04/2015	IP 71152B	Problem Identification and Resolution	
2, 3	12/14/2015 12/18/2015	IP 71152B	Problem Identification and Resolution	

This report does not include INPO and OUTAGE activities.
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Enclosure