

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,"

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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 <u>http://www.nrc.gov/reading-rm/adams.html</u> (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

J. Ventosa

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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**

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OFFICE	RI/DRP	RI/DRP					
NAME	TSetzer/TCS	ABurritt/ALB					
DATE	08/20/14	08/21/14					

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** RidsNrrDirsIpabResource

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

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	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. Page 2 of 2

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

Planned Dates Start End					No. of Staff
		Inspection Activity		Title	on Site
		7111108P	- U3 INS	ERVICE INSPECTION	1
03/02/2015	03/13/2015	IP 7111108P		Inservice Inspection Activities - PWR	
		71124	- HP		1
05/04/2015	05/08/2015	IP 71124.01		Radiological Hazard Assessment and Exposure Controls	
05/04/2015	05/08/2015	IP 71124.02		Occupational ALARA Planning and Controls	
05/04/2015	05/08/2015	IP 71124.03		In-Plant Airborne Radioactivity Control and Mitigation	
		ISFSI	- ISFSI L		1
06/01/2015	09/30/2015	IP 60855		Operation Of An ISFSI	
06/01/2015	09/30/2015	IP 60855.1		Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
		7111107T	- TRIEN	NIAL HEAT SINK	1
07/13/2015	07/22/2015	IP 7111107T		Heat Sink Performance	
		CDBI	- COMP	ONENT DESIGN BASIS INSPECTION	6
07/20/2015	07/24/2015	IP 7111121		Component Design Bases Inspection	
08/03/2015	08/07/2015	IP 7111121		Component Design Bases Inspection	
08/17/2015	08/21/2015	IP 7111121		Component Design Bases Inspection	
		7111111B	- IP3 RE	QUAL INSP W/ P/F RESULTS	2
09/21/2015	09/25/2015	IP 7111111B		Licensed Operator Requalification Program	
		71124	- HP		1
08/10/2015	08/14/2015	IP 71124.04		Occupational Dose Assessment	
08/10/2015	08/14/2015	IP 71124.05		Radiation Monitoring Instrumentation	
08/10/2015	08/14/2015	IP 71151		Performance Indicator Verification	
		EP	- EP PR	OGRAM INSPECTION	1
08/17/2015	08/21/2015	IP 7111402		Alert and Notification System Testing	
08/17/2015	08/21/2015	IP 7111403			
08/17/2015	08/21/2015	IP 7111405		Correction of Emergency Preparedness Weaknesses and Deficiencies	
		2516-001	- TI 2516	6-001 U3 LR COMMITMENTS INSPECTION	1
11/16/2015	11/20/2015	IP 2516/001		Review of License Renewal Activities	
		71124.08	- RADW	ASTE	1
11/16/2015	11/20/2015	IP 71124.08			
		PI&R	- PI&R -		4
11/30/2015	12/04/2015	IP 71152B		Problem Identification and Resolution	
12/14/2015	12/18/2015	IP 71152B		Problem Identification and Resolution	
	Start 03/02/2015 05/04/2015 05/04/2015 05/04/2015 05/04/2015 06/01/2015 06/01/2015 07/13/2015 07/20/2015 08/17/2015 08/10/2015 08/10/2015 08/10/2015 08/10/2015 08/10/2015 08/10/2015 08/17/2015 08/17/2015 11/16/2015 11/16/2015 11/16/2015 11/30/2015	Start End 03/02/2015 03/13/2015 05/04/2015 05/08/2015 05/04/2015 05/08/2015 05/04/2015 05/08/2015 05/04/2015 05/08/2015 06/01/2015 09/30/2015 06/01/2015 09/30/2015 07/13/2015 07/22/2015 07/20/2015 07/24/2015 08/03/2015 08/07/2015 08/17/2015 08/21/2015 08/10/2015 08/14/2015 08/10/2015 08/14/2015 08/11/2015 08/14/2015 08/11/2015 08/21/2015 08/17/2015 08/21/2015 08/17/2015 08/21/2015 08/17/2015 08/21/2015 08/17/2015 08/21/2015 08/17/2015 08/21/2015 08/17/2015 08/21/2015 08/17/2015 11/20/2015 11/16/2015 11/20/2015 11/16/2015 11/20/2015	Start End Inspection A 03/02/2015 03/13/2015 IP 7111108P 05/04/2015 05/08/2015 IP 71124.01 05/04/2015 05/08/2015 IP 71124.02 05/04/2015 05/08/2015 IP 71124.02 05/04/2015 05/08/2015 IP 71124.02 05/04/2015 05/08/2015 IP 71124.03 06/01/2015 09/30/2015 IP 60855 06/01/2015 09/30/2015 IP 60855.1 06/01/2015 07/22/2015 IP 7111107T 07/13/2015 07/22/2015 IP 7111107T 07/20/2015 07/24/2015 IP 7111107T 07/20/2015 07/24/2015 IP 7111107T 07/20/2015 08/07/2015 IP 7111121 08/03/2015 08/07/2015 IP 7111121 08/03/2015 08/07/2015 IP 7111121 08/03/2015 08/07/2015 IP 7111121 08/03/2015 08/07/2015 IP 7111121 08/10/2015 08/14/2015 IP 711124.04 08/10/2015 08/14/2015 IP 71124.0	Start End Inspection Activity 03/02/2015 03/13/2015 IP 711108P - U3 INS 03/02/2015 03/13/2015 IP 71114.08P - HP 05/04/2015 05/08/2015 IP 71124.01 - HP 05/04/2015 05/08/2015 IP 71124.02 - HP 05/04/2015 05/08/2015 IP 71124.02 - ISFSI I 06/01/2015 09/30/2015 IP 71124.03 - ISFSI I 06/01/2015 09/30/2015 IP 60855.1 - TRIEN 06/01/2015 09/30/2015 IP 7111107T - TRIEN 07/13/2015 07/22/2015 IP 7111107T - TRIEN 07/13/2015 08/07/2015 IP 7111121 - HP 08/10/2015 08/07/2015 IP 7111111 - HP 08/10/2015 08/14/2015 IP 711124.04 - HP 08/10/2015 08/14/2015 IP 711124.04 - HP 08/10/2015 08/21/2015 IP 7111405 - EP PR 08/10/2015 08/21/2015 IP 7111403 - TI 2516 08/17	Start End Inspection Activity Title 71111087 - U3 INSERVICE INSPECTION 03/02/015 09/13/2015 1P 71114.01 Inservice Inspection Activities - PWR 71124 - HP 05/04/2015 05/08/2015 1P 71124.01 Radiological Hazard Assessment and Exposure Controls 05/04/2015 05/08/2015 IP 71124.02 Occupational ALARA Planning and Controls 05/04/2015 05/08/2015 IP 71124.02 Occupational ALARA Planning and Controls 05/04/2015 05/08/2015 IP 806855 Operation of an Independent Spent Fuel Storage Installation at Operating Plants 7111077 - TRIENNIAL HEAT SINK Operation of an Independent Spent Fuel Storage Installation at Operating Plants 7111077 - TRIENNIAL HEAT SINK Operation Of an InSPSI 07/12/051 07/22/2015 IP 7111121 Component Design Bases Inspection 07/12/051 07/22/2015 IP 711124 Component Design Bases Inspection 07/12/051 09/21/2015 IP 711124 Component Design Bases Inspection 07/12/051 09/21/2015 IP 71124.04 Occupational Dose Assessment 08/12/2015

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