



**Entergy Nuclear Operations, Inc.**  
Indian Point Energy Center  
450 Broadway, GSB  
P.O. Box 249  
Buchanan, NY 10511-0249  
Tel 914 254 6700

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**Anthony J. Vitale**  
Site Vice President

NL-18-049

July 10, 2018

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
11545 Rockville Pike, TWFN-2 F1  
Rockville, MD 20852-2738

Subject: **2018 Form OAR-1 Owners Activity Report for Inservice Inspection and Repairs and Replacements at Indian Point Unit No. 2**  
Indian Point Nuclear Generating Unit No. 2  
Docket No. 50-247  
License No. DPR-46

Dear Sir or Madam:

In accordance with ASME Section XI, Code Case N-532-5, "Repair/Replacement Activity Documentation Requirements and Inservice Inspection Summary Report Preparation and Submission," Indian Point Unit No. 2 herein submits the 2018 "Form OAR-1 Owners Activity Report." This report describes relevant conditions that required evaluation and repairs and replacements to be performed during the period June 2016 through May 2018.

There are no new commitments or revisions to existing commitments made by Entergy contained in this letter. If you have any questions, please contact Mr. Robert Walpole, Manager, Regulatory Assurance at (914) 254-6710.

Sincerely,

A handwritten signature in black ink, appearing to read "Anthony J. Vitale".

AJV/gd

Enclosure: Form OAR-1 Owners Activity Report

cc: Mr. David Lew, Acting Regional Administrator, NRC Region I  
Mr. Richard Guzman, Senior Project Manager, NRC NRR DORL  
Ms. Bridget Frymire, New York State Department of Public Service  
Ms. Alicia Barton, President and CEO, NYSERDA  
NRC Resident Inspectors

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ENCLOSURE TO NL-18-049

Form OAR-1 Owners Activity Report

ENTERGY NUCLEAR OPERATIONS, INC.  
Indian Point Nuclear Generating Unit No. 2  
Docket No. 50-247  
License No. DPR-46

**FORM OAR-1 OWNERS ACTIVITY REPORT**

Report Number: NL-18-049

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Plant: Indian Point Energy Center, Buchanan, New York 10511-0249

Unit No: 2 Commercial Service Date: 08/01/1974 Refueling Outage No.: 2R23  
(if applicable)

Current Inspection Interval: 5<sup>th</sup>  
(1st, 2nd, 3rd, 4th, Other)

Current Inspection Period: 1<sup>st</sup>  
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the Inspection Plans: 2007 Edition, 2008 Addenda

Date and Revision of Inspection Plans: November 30, 2017 / ISI Program Plan, Rev. 6 No. SEP-ISI-IP2-001

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the Inspection Plans:  
N/A

Code Cases used for inspection and evaluation: N-526, N-532-5, N-586-1, N-648-1, N-686-1, N-706-1, N-716-1, N-722-1, N-729-4, N-731, N-735, N-747, N-765, N-770-2  
(if applicable, including cases modified by Case N-532 and later revisions)

**CERTIFICATE OF CONFORMANCE**

I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of 2R23 conform to the requirements of Section XI.

Signed: MELSON AZEVEDO / SUPERVISOR - CODE PROG. Date: 6/27/18  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by Hartford Steam Boiler Inspection and Insurance Company of Hartford, CT have inspected the items described in this Owner's Activity Report, and state that, to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair/replacement activities and evaluation described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

[Signature] Commissions: NB 10011 I,N NYS 3084  
Inspector's Signature (National Board Number and Endorsement)

Date: 7/2/18

**FORM OAR-1 OWNERS ACTIVITY REPORT**

Report Number: NL-18-049

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Plant: Indian Point Energy Center, Buchanan, New York 10511-0249

Unit No: 2 Commercial Service Date: 08/01/1974 Refueling Outage No.: 2R23  
 (if applicable)

TABLE 1: ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE		
Examination Category and Item Number	Item Description	Evaluation Description
N/A	N/A	N/A

TABLE 2: ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE				
Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
3	Pipe adjacent to SWN-2-2	Weld repair local through-wall corrosion defect	9/9/16	16-2-85
3	24 FCU Elbow 24-S6	Weld repair local through-wall corrosion defect	11/22/16	16-2-89
3	Flange D/S of SWN-41-4A	Weld repair local through-wall corrosion defect	12/21/16	16-2-90
3	Flange U/S of SWN-640	Weld repair local through-wall corrosion defect	12/22/16	16-2-92
3	22 EDJC Cover	Repair/replace branch connection weld	6/7/17	17-2-36
1	21 Reactor Vessel	Replace reactor vessel stud due to failure of VT-3 inspection	12/18/17	17-2-83
2	Weld U/S of A-98 Vent Valve	Replace weld due to leak at 3/4" socket weld	3/29/18	N/A
3	Flange U/S of SWN-640	Weld repair local corrosion defect	2/15/18	18-2-5
1	21 Reactor Vessel	Perform embedded flaw weld overlay repair of RVHP #3	4/9/18	18-2-23
3	Line 11D 25 FCU Elbows	Weld repair local corrosion below min. wall thickness	4/7/18	18-2-26