



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

**Anthony J. Vitale**  
Site Vice President

NL-17-095

July 26, 2017

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

Subject: **2017 Form OAR-1 Owners Activity Report for Inservice Inspection and Repairs and Replacements at Indian Point Unit No. 3**  
Indian Point Nuclear Generating Unit No. 3  
Docket No. 50-286  
License No. DPR-64

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. 3 herein submits the 2017 "Form OAR-1 Owners Activity Report." This report describes relevant conditions that required evaluation and repairs and replacements to be performed during the period May 2015 through June 2017.

There are no new 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 Vitale".

AJV/gd

Enclosure: Form OAR-1 Owners Activity Report

cc: Mr. Daniel H. Dorman, Regional Administrator, NRC Region I  
Mr. Douglas V. Pickett, 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-17-095

Form OAR-1 Owners Activity Report

ENTERGY NUCLEAR OPERATIONS, INC.  
Indian Point Nuclear Generating Unit No. 3  
Docket No. 50-286  
License No. DPR-64

**FORM OAR-1 OWNERS ACTIVITY REPORT**

Report Number: NL-17-095

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

Unit No: 3 Commercial Service Date: 08/30/1976 Refueling Outage No.: 3R19  
(if applicable)

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

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

Edition and Addenda of Section XI applicable to the Inspection Plans: 2001 Edition, 2003 Addenda

Date and Revision of Inspection Plans: August 2, 2016 / ISI Program Plan, Rev. 4 No. SEP-ISI-IP3-001

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the Inspection Plans:  
2001 Edition, 2003 Addenda

Code Cases used for inspection and evaluation: N-513-3, N-532-5, N-716, N-722, N-729-1, N-770  
(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 3R19 conform to the requirements of Section XI.

Signed: NELSON AZEVEDO / Nelson Azevedo - Supervisor Date: 7/24/17  
Owner or Owner's Designee, Title CODE PROGRAMS

**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.

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

Date: 7/25/17

**FORM OAR-1 OWNERS ACTIVITY REPORT**

Report Number: NL-17-095

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

Unit No: 3 Commercial Service Date: 08/30/1976 Refueling Outage No.: 3R19  
 (if applicable)

<b>TABLE 1: ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE</b>		
Examination Category and Item Number	Item Description	Evaluation Description
F-A/F1.10B	1-4102 SI-H&R-843-5C	CR-IP3-2017-01303- Support concrete embedment was cracked. Engineering evaluated condition and determined that the support was operable in current condition.
F-A/F1.30A	3-3410 SW-H-62	CR-IP3-2017-01503- The Spring Can Hanger cold load setting was found out of tolerance. Engineering evaluated condition and determined that the support was operable in current condition.
F-A/F1.30A	3-3408 SWN-H-406-7	CR-IP3-2017-01139- The Spring Can Hanger cold load setting was found out of tolerance. Engineering evaluated condition and determined that the support was operable in current condition.
F-A/F1.30B	3-3500 AC-H&R-523	CR-IP3-2017-01133- Anchor bolts of the support had a gap between the anchor nut and the base plate of the support. Engineering evaluated condition and determined that the support was operable in current condition.
F-A/F1.30B	3-3500 AC-H&R-528	CR-IP3-2017-01131- Anchor bolts of the support had a gap between the anchor nut and the base plate of the support. Engineering evaluated condition and determined that the support was operable in current condition.
F-A/F1.30B	3-3410 SW-H&R-12C-17	CR-IP3-2017-01502- 1. A gap between a locknut and jam-nut. Nut tightened. 2. And a gap between the anchor bolt and washer on the base plate. Engineering evaluated condition and determined that the support was operable in current condition.
F-A/F1.30B	3-3400 SWN-H&R-1081-6	CR-IP3-2017-01003- Corrosion discovered on support. Engineering evaluated condition and determined that the support was operable in current condition.
F-A/F1.30B	3-3400 SWN-H&R-1082-6	CR-IP3-2017-01004- Corrosion discovered on support. Engineering evaluated condition and determined that the support was operable in current condition.
F-A/F1.30B	3-3400 SWN-H&R-1083-6	CR-IP3-2017-01006- Corrosion discovered on support. Engineering evaluated condition and determined that the support was operable in current condition.
F-A/F1.40	3-1500 31 Support	CR-IP3-2017-01601- Degraded coating and corrosion discovered on support. Engineering evaluated condition and determined that the support was operable in current condition.

**FORM OAR-1 OWNERS ACTIVITY REPORT**

Report Number: NL-17-095

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

Unit No: 3 Commercial Service Date: 08/30/1976 Refueling Outage No.: 3R19

**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	14" Pipe Line #1081	Cut out and replace section of 14" carbon steel cement-lined pipe (N-513-3)	4/4/17	16-3-38
3	3" Pipe Line #1224	Replace leaking flange and pipe piece (N-513-3)	3/22/17	16-3-60
3	18" Pipe Line #405	Replace leaking flange and pipe piece (N-513-3)	3/31/17	17-3-6
3	3" Weld #B297	Weld repair leaking weld (N-513-3)	3/22/17	17-3-8
3	3" Weld #B1155	Replace elbow due to pitting at the weld (N-513-3)	4/2/17	17-3-10
3	3" Cap on Pipe Line #406	Cut out leaking fitting to pipe weld and install a blind flange	4/27/17	17-3-23
2	1" Line #525	Cut out and replace 1" piping due to pinhole leak at socket weld connection	5/13/17	N/A