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Anthony J. Vitale
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NL-16-096

September 9, 2016

U.S. Nuclear Regulatory Commission
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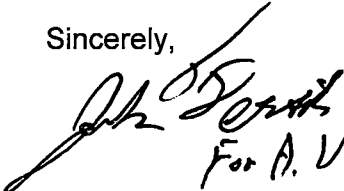
Subject: **2016 Form OAR-1 Owners Activity Report for Inservice Inspection and Repairs and Replacements at Indian Point Unit No. 2**
Indian Point Nuclear Generating Unit No. 2
Docket No. 50-247
License No. DPR-26

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 2016 "Form OAR-1 Owners Activity Report." This report describes relevant conditions that required evaluation and repairs and replacements to be performed during the period April 2014 through June 2016.

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,


For A. 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
Mr. John B. Rhodes, President and CEO, NYSERDA
NRC Resident Inspectors

AD47
NRR

ENCLOSURE TO NL-16-096

Form OAR-1 Owners Activity Report

ENTERGY NUCLEAR OPERATIONS, INC.
Indian Point Nuclear Generating Unit No. 2
Docket No. 50-247
License No. DPR-26

FORM OAR-1 OWNERS ACTIVITY REPORT

Report Number NL-16-096

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

Unit No. 2 Commercial service date 08/01/1974 Refueling outage no. 2R22

Current inspection interval 4th (1st, 2nd, 3rd, 4th, Other)

Current inspection period 3rd (1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plans 2001 Edition, 2003 Addenda

Date and revision of inspection plans: May 11, 2016 / IP2 Fourth Ten-Year ISI/CII Program Plan, SEP-ISI-IP2-001 Rev 3. June 25, 2012 / IP2 Fourth Ten-Year ISI/CII Program Plan, SEP-ISI-IP2-002 Rev 1

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans SAME

Code Cases used for inspection and evaluation: N-532-5, N-663, N-513-3, N-722-1, N-729-1, N-770-1 (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 2R22 conform to the requirements of Section XI. (refueling outage number)

Signed Nelson Mvevdo / NELSON MVEVDO SUPERVISOR Date 8/23/16 Owner or Owner's Designee, Title / CODE PROGRAM J

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 Connecticut 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.

Inspector's Signature [Signature] Commissions NB 10011 I,N NYS 3084 National Board, State, Province, and Endorsements

Date 9/1/16

ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE		
Examination Category and Item Number	Item Description	Evaluation Description
D-A/D1.20A	Class 3 Welded Attachment - One Directional Support / CT 152-W	CR-IP2-2016-01323 - The weld attached to the pipe is not fully welded as indicated in the support drawing. Engineering evaluated the condition and the condition was accepted as is. The design drawing was updated to reflect as-built configuration via an EC.
F-A/F1.10A	Class 1 Piping Supports - One Directional/ RCH 66	CR-IP2-2016-01996 - There is a discrepancy between the as-built configuration and the as-built drawing. The drawing indicates anchor bolts on the base plate bracket attached to the concrete wall. The actual as-built configuration is the base plate bracket welded to a concrete embedment plate. Engineering evaluated the condition and the drawing was updated to reflect as-built configuration via an EC.
F-A/F1.10C	Class 1 Piping Supports - Thermal Movement/ SIH 179	CR-IP2-2016-02047 - The Spring Can Hanger cold load setting was found out of tolerance. Engineering evaluated the condition and the pipe support was readjusted to the cold setting shown in the design drawing.
F-A / F1.20A	Class 2 Piping Supports - One Directional/ SR A-9	CR-IP2-2016-01320 - The strut is not rotating due to corrosion on the bearing and spacer. Engineering evaluated the condition. The condition was accepted as is.
F-A / F1.20C	Class 2 Piping Supports - Thermal Movement/ SIH 117	CR-IP2-2016-01502 - The Spring Can Hanger cold load setting was found out of tolerance. Engineering evaluated the condition and the spring support is operable and can perform its intended safety function in as found condition.
F-A / F1.20C	Class 2 Piping Supports - Thermal Movement/ SIH 118	CR-IP2-2016-01499 - The Spring can hanger cold load setting was found out of tolerance. Engineering evaluated the condition and the pipe support was readjusted to the cold setting shown in the design drawing.
F-A / F1.30A	Class 3 Piping Supports - One Directional/ SR 553	CR-IP2-2016-01306 - The strut is not rotating due to corrosion on the bearing and spacer, and it has a missing cotter pin on the load stud. Engineering evaluated the condition and the strut condition was accepted as is and the missing cotter pin was replaced for future design configuration.

TABLE 2				
ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE				
Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
2	Vent Valve S-50	Perform a weld overlay IAW ASME CC N-666 upstream of vent valve S50	2/24/15	15-2-16
3	Condensate Storage Tank	Repair local pitting corrosion areas on base of CST	3/21/16	15-2-38
3	Line #1576	Replace sections of pitted 1" SS piping with 6% MoSS material	9/9/15	N/A
3	Line #1579	Replace sections of pitted 2" SS piping with 6% MoSS material	10/4/15	15-2-70
3	Line #497	Replace corroded elbow on 21CRFMC SW outlet	12/23/15	15-2-86
3	23 EDG Jacket Water Cooler	Repair leak and weld repair HX cover	2/2/16	16-2-3
3	Line #1704	Perform weld repair at elbow upstream of SWN-1142	3/23/16	16-2-7
3	Line #411	Perform weld repair at F-1924	3/19/16	16-2-17
2	SR-48	Repair bent base plate on support	4/1/16	16-2-27
1	21 RV Penetration #50	Mechanically remove indications in reactor vessel penetration	3/22/16	16-2-39
2	Valve 728A	Cut out and replace drain line due to leaking weld	4/21/16	N/A
3	496-H-51	Replace bent support rod	6/5/16	16-2-66
3	Line #411	Implement EC 65389	6/26/16	16-2-76