



Entergy Nuclear Northeast  
Indian Point Energy Center  
450 Broadway, GSB  
P.O. Box 249  
Buchanan, NY 10511-0249

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Robert Walpole  
Licensing Manager  
Tel (914) 254-6710

June 13, 2012

NL-12-065

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

SUBJECT: 2012 Summary Reports for In-Service Inspection and  
Repairs or Replacements at Indian Point Unit No. 2  
Indian Point Unit Number 2  
Docket No. 50-247  
License No. DPR-26

Dear Sir or Madam:

In accordance with ASME Section XI, Code Case N-532-4, "Repair/Replacement Activity Documentation Requirements and In-service Summary Report Preparation and Submission" Indian Point Nuclear Generating Unit No.2 (IP2) hereby submits 2012 Form OAR-1, Owners Activity Report for Inservice Inspections. This report describes relevant conditions that required evaluation and repairs and replacements to be performed during the period April 2010 through April 2012.

There are no new commitments identified in this submittal. If you have any questions or require additional information, please contact Mr. Robert Walpole, Licensing Manager at 914-254-6710.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert Walpole".

RW/sp

Enclosure: 2012 Summary Reports for In-Service Inspection and Repairs or  
Replacements at Indian Point Unit No. 2

cc: next page

A047  
NRK

cc: Mr. Douglas Pickett, Senior Project Manager, NRC NRR DORL  
Mr. William M. Dean, Regional Administrator, NRC Region I  
NRC Resident Inspector's Office Indian Point  
Ms. Bridget Frymire, New York State Department of Public Service  
Mr. Francis J. Murray, Jr., President and CEO, NYSERDA

**ENCLOSURE TO NL-12-065**

**2012 SUMMARY REPORTS FOR IN-SERVICE INSPECTION AND  
REPAIRS OR REPLACEMENTS AT INDIAN POINT UNIT NO. 2**

**ENTERGY NUCLEAR OPERATIONS, INC.  
INDIAN POINT NUCLEAR GENERATING UNIT NO. 2  
DOCKET NO. 50-247**

FORM OAR-1 OWNERS ACTIVITY REPORT

Report Number NL-12-065

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

Unit No. 2 Commercial service date 08/01/1974 Refueling outage no. 2R20  
(if applicable)

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

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

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

Date and revision of inspection plans: February 9, 2010 / ISI Program Plan, Rev. 0 No. SEP-ISI-IP2-001/SEP-ISI-IP2-002

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

Code Cases used: N-532-4, N-663  
(if applicable)

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 2R20 conform to the requirements of Section XI.  
(refueling outage number)

Signed [Signature] Supervisor Code Program Date 6/4/12  
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 the State or Province of New York and employed by HSB-CT of Hartford, Connecticut 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, State, Province, and Endorsements

Date 6/6/12

TABLE 1		
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE		
Examination Category and Item Number	Item Description	Evaluation Description
C-C/C3.20	SW ACH 216/Integral welded attachment 9G	CR-IP2-2012-1997- During an ISI liquid penetrant examination of the integral attachment weld to support ACH-216 identified a rounded indication located on the support trunnion adjacent the attachment weld. Engineering evaluated the condition and the existing condition with the defect is acceptable.
E-A/E1.12	Accessible Surface Areas of Electrical Penetrations	CR-IP2-2012-1760- During IWE inspections of Containment penetrations, water was observed seeping from an area adjacent to electrical penetration # 69 outside Containment at the 10 o'clock position relative to penetration # 69. Engineering evaluated the condition and the condition was accepted as is.
F-A/F1.10A	Class 1 Piping Supports - One Directional/ CH 139	CR-IP2-2012-2046- During an ISI VT-3 examination a bent hanger rod was observed creating a misalignment between the pipe attachment and the building structure. Engineering evaluated the condition and the condition was accepted as is.
F-A / F1.10B	Class 1 Piping Supports - Multi-directional/ SR 916	CR-IP2-2012-1901- During an ISI VT-3 inspection, the U-bolt to pipe clearance was found out of tolerance. Engineering evaluated the condition and the condition was accepted as is
F-A / F1.10C	Class 1 Piping Supports - Thermal Movement/ ACH 556	CR-IP2-2010-1926/CR-IP2-2010-2047 - The spring can settings were outside the range of the hot and cold load setting specified on the support detail drawing. Engineering evaluated the condition and The spring can is functional in as found condition. CR-IP2-2010-2047 duplicate of CR-IP2-2010-1926

TABLE 2				
ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE				
Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
C	14" line down stream of 23 Service Water Pump	Repair leaking area in line	6/25/10	10-2-45
C	SWN-9-4 - 25 Service Water Pump vacuum breaker	Weld repair of pin hole leak on weld	11/9/10	10-2-79
C	SWN-35-1 - 22 Component Cooling Heat Exchanger outlet	Replace weld neck flange due to thru wall leak	3/24/12	11-2-82
A	PCV-455A Pressurizer Spray valve	Replace bonnet assembly due to corrosion	3/16/12	12-2-34
A	Tee down stream of valve 954A	Replace socket welded Tee with a swagelok tee due to leakage	3/22/12	12-2-43
C	10" x 2" reducer upstream of SWN-642	Repair leak in 10" base metal	3/24/12	12-2-44