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

July 14, 2008

Re: Indian Point Unit 2
Docket No. 50-247
NL-08-110

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Stop O-P1-17
Washington, DC 20555-0001

Subject: **2008 Summary Reports for In-Service Inspection and Repairs or Replacements at Indian Point Unit 2**

Dear Sir:

In accordance with ASME Section XI, Code Case N-532-4, "Repair/Replacement Activity Documentation Requirements and Inservice Summary Report Preparation and Submission," Indian Point Nuclear Generating Unit No. 2 (IP2) hereby submits 2008 Form OAR-1, Owners Activity Report for Inservice Inspections. This report describes relevant conditions that required evaluation and repairs and replacements performed during the period June 2006 through April 2008. IP2's fourth ten year interval began March 1, 2007.

There are no new commitments being made in this submittal.

If you have any questions or require additional information, please contact me at (914) 734-6710.

Sincerely,

Robert Walpole
Manager, Licensing
Indian Point Energy Center

A047
NRR

Enclosure:

1. IP2 Owners Activity Report (OAR), First Period, Fourth Interval
   - Table 1 – Items with Flaws or Relevant Conditions that Required Evaluation for Continued Service
   - Table 2 – Abstract of Repair/Replacement Activities Required for Continued Service

cc: Mr. Samuel J. Collins, Regional Administrator, NRC Region I
Mr. John Boska, Senior Project Manager, NRC NRR DORL
NRC Resident Inspector's Office, Indian Point 2
Mr. Paul Eddy, New York State Dept. of Public Service

ENCLOSURE 1 TO NL-08-110

IP2 OWNERS ACTIVITY REPORT (OAR), FIRST OUTAGE, FIRST PERIOD, FOURTH INTERVAL

- Table 1 – Items with Flaws or Relevant Conditions that Required Evaluation for Continued Service
- Table 2 – Abstract of Repair/Replacement Activities Required for Continued Service

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

FORM OAR-1 OWNERS ACTIVITY REPORT

Report Number NL-08-110

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

Unit No. 2 (if applicable) Commercial service date 08/01/1974 Refueling outage no. 2R18

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

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

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

Date and revision of inspection plans: March 1, 2007 / ISI Program Plan, Rev. 0 No. IP-RPT-06-00097

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

Code Cases used: N-416-2, N-532-4 (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 2R18 (refueling outage number) conform to the requirements of Section XI.

Signed [signature] / Supervisor Owner or Owner's Designee, Title Date 7/2/08

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 7/10/08

TABLE 1 ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE		
Examination Category and Item Number	**Item Description**	**Evaluation Description**
D-A / D1.20	Piping Welded Attachment / SWN 15	CR-IP2-2008-1732 - Flaking corrosion was found at the pipe to plate attachment weld. Engineering evaluated the condition and the indication was accepted as is.
E-A / E1.11	Accessible Surface Areas of the Containment Liner	CR-IP2-2008-1892 - During ISI of the VC liner, loose and bulging insulation panels were noted. Engineering evaluated the condition and the condition was accepted as is.
F-A / F1.10	Class 1 Piping Support / 64 SR 23	CR-IP2-2008-1614 - A loose nut was found on top of the u-bolt. Engineering evaluated the condition and the indication was accepted as is, however, the nut was tightened for future design configuration.
F-A / F1.10	Class 1 Piping Support / ACH 517	CR-IP2-2008-1616 - The top of the rod on the spring can was found bent, deflecting the scale indicator. Engineering evaluated the condition and the indication was accepted as is.
F-A / F1.20	Class 2 Piping Support / SIH 41	CR-IP2-2008-1311 - Minor boron accumulation was noted between the top of the pipe and the support. Engineering evaluated the condition and the indication was accepted as is.
F-A / F1.20	Class 2 Piping Support / SR 29	CR-IP2-2008-1251 - Baseplate dimensions did not match the drawing. Engineering evaluated the condition and the indication was accepted as is.
F-A / F1.20	Class 2 Piping Support / SR 63	CR-IP2-2008-1438 - The baseplate was found pulled 1/16" from the wall and the flange at each side deflected by 1/2". Engineering evaluated the condition and the indication was accepted as is
F-A / F1.20	Class 2 Piping Support / SR 68	CR-IP2-2008-1437 - The baseplate was found pulled 1/8" from the wall. Engineering evaluated the condition and the indication was accepted as is.
F-A / F1.30	Class 3 Piping Support / ACH 204	CR-IP2-2008-1615 - Grout on one corner of baseplate was missing. Engineering evaluated the condition and the indication was accepted as is.
F-A / F1.30	Class 3 Piping Support / SR 405B	CR-IP2-2008-1436 - Spherical bushing found to have corrosion. Engineering evaluated the condition and the indication was accepted as is.
F-A / F1.30	Class 3 Piping Support / SR 431A	CR-IP2-2008-1731 - Locknut on the rigid strut was loose and backed off and the spherical bearings on both paddles were rusted. Engineering evaluated the condition and the indication was accepted as is.
F-A / F1.30	Class 3 Piping Support / SWH 188	CR-IP2-2008-1435 - One lock nut loose and one locknut not up 1" from the lower nut. Engineering evaluated the condition and the indication was accepted as is.
F-A / F1.40	Supports Other Than Piping Supports / 22 RHR Heat Exchanger	CR-IP2-2008-1733 - Locknuts did not have full thread engagement. Engineering evaluated the condition and the indication was accepted as is.

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	SWN-71-5A	Repair pipe wall	9/13/06	06-2-77
B	23 Charging Pump	Replace fluid cylinder block	10/15/06	06-2-83
C	SWN-81	Replace weld neck flange	4/12/08	06-2-84
B	FCV-110A	Replace piping	5/11/07	07-2-09
B	FCV-110A	Repair valve body	5/11/07	07-2-12
B	23 Charging Pump Stabilizer Separator	Repair threadolet	1/7/08	07-2-29
C	Line 408	Replace 18" Tee	4/10/08	07-2-41
C	SWN-71-5B	Repair pipe wall	1/16/08	07-2-77
MC	Valve 5459	Replace bonnet assembly	4/14/08	08-2-05
C	Valve SWN-76-1	Replace tail piece and valve	4/6/08	08-2-06
C	Line 406	Replace line section and repair pipe Tee	4/10/08	08-2-11
C	Line 405	Repair base metal	4/8/08	08-2-40
MC	Valve IA-39	Replace valve piston	4/5/08	08-2-41
C	Line 408	Repair pipe wall at FW-1367	4/10/08	08-2-50
C	Line 406	Repair Field Weld 2	4/10/08	08-2-52
MC	Valve 1616	Replace valve piston	4/10/08	08-2-55
MC	Valve IA-39	Replace valve and piping	4/12/08	08-2-56
C	Valve SWN-66-2	Replace flexible coupling	4/14/08	08-2-63