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

T.R. Jones
Licensing Manager
Tel 914 734 6670

June 13, 2007

Re: Indian Point Unit 3
Docket No. 50-286
NL-07-069

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

Subject: **Inservice Inspection (ISI) Third Period Inspection Results and Repair/Replacement Activities for Third 10-Year Inservice Inspection Interval**

Dear Sir:

This letter submits the Indian Point Nuclear Generating Unit No. 3 (IP3) Owners Activity Report, IP-RPT-07-00058, Rev. 0 (Enclosure 1) which contains ISI results and repair/replacement activities performed during the First Outage of the 3rd Period of the Third 10-Year ISI Interval. All work performed met the requirements of 1989 Edition, No Addenda, of the ASME Section XI Code with approved relief requests.

Entergy will use NRC-approved ASME Section XI Code Case N-532-1 for submitting inspection results completed for IP3. This Code Case was approved for use through Regulatory Guide 1.147, Revision 13. Code Case N-532-1 provides alternatives for the documentation requirements for repair and replacement activities, and allows the use of Form NIS-2A in lieu of Form NIS-2. Enclosure 1 was prepared in accordance with the requirements of Code Case N-532-1 as approved.

There are no new commitments being made in this submittal.

If you have any questions or require additional information, please contact Mr. T.R. Jones, Manager, Licensing at (914) 734-6670.

Sincerely,

T.R. Jones
Licensing Manager
Indian Point Energy Center

A047

NRR

Enclosure:

1. IP3 Owners Activity Report, IP-RPT-07-00058, Rev. 0
   - Attachment 1 – Abstract of Examinations and Tests
   - Attachment 2 – Items with Flaws or Relevant Conditions that Required Evaluation for Continued Service
   - Attachment 3 – Abstract of Repairs, Replacements or Corrective Measures Required for Continued Service

cc: Mr. John Boska, Senior Project Manager, NRC NRR DORL
Mr. Samuel J. Collins, Regional Administrator, NRC Region 1
NRC Resident Inspector Office, IPEC
Mr. Paul Eddy, New York State Dept. of Public Service

ENCLOSURE 1 TO NL-07-069

IP3 ISI OWNERS ACTIVITY REPORT (OAR)
THIRD PERIOD, THIRD INTERVAL

(Report No. IP-RPT-07-00058, Rev. 0)

Attachment 1 -	Abstract of Examinations and Tests
Attachment 2 -	Items with Flaws or Relevant Conditions that Required Evaluation for Continued Service
Attachment 3 -	Abstract of Repairs, Replacements or Corrective Measures Required for Continued Service

ENTERGY NUCLEAR OPERATIONS, INC.
INDIAN POINT NUCLEAR GENERATING UNIT NO. 3
DOCKET NO. 50-286

Entergy

Indian Point 3

ENTERGY NUCLEAR NORTHEAST

Engineering Report Title:

IP3 ISI Owners Activity Report (OAR) Third Period, Third Interval

Engineering Report Type:

New [**X**] Revision [ ] Cancelled [ ] Superceded [ ]

Applicable Site(s)

IP1 [ ] IP2 [ ] IP3 [**X**] JAF [ ] PNPS [ ] VY [ ]

Quality-Related: [X] Yes [ ] No

Prepared by: Robert Dolansky/ Robert J. Dolansky Date: 5/17/07
Responsible Engineer

Reviewed by: Aturo Smith/ Aturo Smith Date: 5/17/07
Programs Engineering Review

*Reviewed by: Allan Schiaffino / HSBCT Date: 5/30/07
Authorized Nuclear In-Service Inspector (ANII)

Approved by: Glen Smith / Date: 5/30/07
Supervisor - Programs Engineering

Multiple Site Review			
Site	Design Verifier/Reviewer	Supervisor	Date

* For ASME Section XI Code Program plans per ENN-DC-120, if required.

FORM OAR-1 OWNERS ACTIVITY REPORT

Report Number **IP-RPT-07-00058 Rev.0**

Owner **Entergy Nuclear Operations, Inc., 295 Broadway, Suite 1, Buchanan, New York 10511-0249**
(Name and Address of Owner)

Plant **Indian Point Energy Center, Buchanan, New York 10511-0249**
(Name and Address of Plant)

Plant Unit **3** Commercial Service Date **08/30/1976** Refueling Outage Number **14**

Current Inspection Interval **3rd**
(1st, 2nd, 3rd, 4th, Other)

Current Inspection Period **3rd**
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the Inspection Plan 1989 Edition, No Addenda
Date and Revision of Inspection Plan: ISI Program Plan, Rev. 3 No. IP3-RPT-UNSPEC-03247

Edition and Addenda of ASME Section XI applicable to Repairs and Replacements, if different than the Inspection Plan **N/A**

CERTIFICATE OF CONFORMANCE

I certify that the statements made in this Owners Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of Authorization No. **N/A** Expiration Date **N/A**
(If applicable)

Signed _____ Date 5/30/07
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 components described in this Owners Report during the period April 2005 to March 2007, and state that to the best of my knowledge and belief, the Owner has performed all the activities described in the Repair/Replacement Plan 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 activities described in the Repair/Replacement Plan. 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, State, Province, and Endorsements

Date 5/30/07

Table 1

ABSTRACT OF EXAMINATIONS AND TESTS

IP3 ISI Owners Activity Report (OAR)
Third Period, Third Interval

TABLE 1

ABSTRACT OF EXAMINATIONS AND TESTS

Examination Category	Total Examinations Required for The Interval	Total Examinations Credited for This Period	Total Examinations Credited (%) For The Period	Total Examinations Credited (%) To Date for The Interval	Remarks
CLASS 1					
B-A	28	0	0%	25%	All 6 Meriodonal Welds examined to the extent possible. Reactor Vessel head to flange weld examination limited to the volume with a previously identified indication. Reactor Vessel Closure Head (Dollar Plate) weld inaccessible. RR 3-19 defers the RV Shell to Flange Weld to the 3rd period.
B-B	5	0	0%	60%	
B-D	30	4	13%	47%	Code Case N-521 allows deferral of B3.90 and B3.100. RR 3-16 allows deferral of B3.120
B-E	113	0	0%	0%	Deferral permissible per Table IWB-2500-1.
B-F	0	0	0%	0%	Components within this category are part of an Augmented Risk-Informed Inspection Program per RR 3-28. Extent and Frequency is in accordance with this Program. See new exam category R-A below.
B-G-1	265	0	0%	62%	
B-G-2	15	1	7%	80%	Total in Total Examinations Required column is based on 1 Pressurizer manway, 2 manways for 1 S/G, 2 flanges for piping, 1RCP flange, 4 valves and 5 CRD housings (examined only when disassembled). All 5 CRD housings disassembled and inspected during CETNA mod installation. Credit taken for all 5 CRD housings because they will not be disassembled in the future as a result of CETNA mod installation.
B-H	0	0	0%	0%	Not Applicable to IP3
B-J	0	0	0%	0%	Components within this category are part of an Augmented Risk-Informed Inspection Program per RR 3-28. Extent and Frequency is in accordance with this Program. See new exam category R-A below.

TABLE 1
ABSTRACT OF EXAMINATIONS AND TESTS

Examination Category	Total Examinations Required for The Interval	Total Examinations Credited for This Period	Total Examinations Credited (%) For The Period	Total Examinations Credited (%) To Date for The Interval	Remarks
B-K	3	1	33%	100%	Total in Total Examinations Required column is based on 1 Pressurizer integrally welded attachment, 1 pipe integrally welded support, and 1pump integrally welded support. Examinations conducted in accordance with Code Case N-509 " Alternate Rules for the Selection and Examination of Class 1, 2, and 3 Integrally Welded Attachments, Section XI Division 1".
B-L-1	3	3	100%	100%	Defferal Permissible. Exams are limited to at least one pump in each group of pumps performing similar functions in the system per Code Case N-481.
B-L-2	1	0	0%	100%	Exam required only when a pump is disassembled for maintenance, repair, or volumetric exam. Exams are limited to at least one pump in each group of pumps performing similar functions in the system per Code Case N-481. Pump disassembled and inspected in 1st period.
B-M-1	0	0	0%	0%	Not applicable to IP3 (Valves do not have valve body welds)
B-M-2	5	0	0%	40%	Exam required only when a valve is disassembled for maintenance, repair, or volumetric exam.
B-N-1	3	0	0%	66%	Inspections performed each period
B-N-2	1	0	0%	0%	Deferred to end of interval as allowed by Table IWB-2500-1
B-N-3	1	0	0%	0%	Deferred to end of interval as allowed by Table IWB-2500-1
B-O	4	4	100%	100%	Inspected in 3rd Period as allowed by Table IWB-2500-1
B-P	36	6	17%	67%	Code Case N-498-1 applied where applicable.
RISK-INFORMED					
R-A	64	6	9%	73%	Risk Informed selection contains 64 items from Categories B-F & B-J. Risk Informed inspections per relief request 3-28.

TABLE 1
ABSTRACT OF EXAMINATIONS AND TESTS

Examination Category	Total Examinations Required for The Interval	Total Examinations Credited for This Period	Total Examinations Credited (%) For The Period	Total Examinations Credited (%) To Date for The Interval	Remarks
CLASS 2					
C-A	9	3	33%	78%	
Aug (C-A)	4	0	0%	0%	Augmented inspection of Non-Regenerative Heat Exchanger
C-B	11	4	36%	82%	
C-C	16	5	31%	94%	
C-F-1	60	29	48%	100%	
Aug (C-F-1)	6	3	50%	100%	Augmented inspection of Containment Spray piping.
C-F-2	28	9	32%	93%	Per Table IWC-2500-1, C-F-2, Note 2, a minimum of 28 welds are required to be inspected.
C-H	16	0	0%	50%	Pressure test for each period of interval.
CLASS 3					
D-A	20	9	45%	100%	Code Case N-509 applies.
D-A	12	0	0%	50%	Pressure tests. System hydrostatic tests are counted as a required exam even though they are not performed as allowed by Code Case N-498-1.
IWF Component Supports					
Class 1(F1.10)	31	12	39%	100%	Exams performed in accordance with Code Case N-491-2
Class 2(F1.20)	52	19	37%	100%	Exams performed in accordance with Code Case N-491-2
Class 3(F1.30)	69	28	41%	100%	Exams performed in accordance with Code Case N-491-2
Supports other than Piping Supports (F1.40)	17	6	35%	100%	Exams performed in accordance with Code Case N-491-2
Aug	1	0	0%	0%	Augmented inspection of Non-Regenerative Heat Exchanger
F-A	170	65	38%	100%	Totals

TABLE 1

ABSTRACT OF EXAMINATIONS AND TESTS

Examination Category	Total Examinations Required for The Interval	Total Examinations Credited for This Period	Total Examinations Credited (%) For The Period	Total Examinations Credited (%) To Date for The Interval	Remarks
IWE/IWL First Outage - Third Period - First Interval					
E-A	100% Per Period	0	0%	66%	General Visual examinations. 100% inspections completed for 1st and 2nd periods.
L-A	N/A	0	0%	66%	General Visual examinations. 100% concrete inspection completed twice to date in this interval.

Table 2

ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE

TABLE 2

ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE

Examination Category	Item Number	Item Description	Flaw Characterization (IWA-3300)	Flaw or Relevent Condition Found During Scheduled Section XI Examination or Test (Yes or No)
B-A	B1.40	Reactor Vessel Head to Flange Weld (volume with previously identified flaw)	Previously identified flaw (first found in 3R12) re-examined and unchanged. This indication was still bounded by the previously performed (3R12) evaluation.	Yes
C-A	C1.10	Steam Generator Shell Circumferential Weld / Weld 32-6	CR-IP3-2007-1456 - 3 relevant indications were detected in weld 32-6. All three relevant indications were evaluated and were acceptable per IWC-3500.	Yes
F-A	F1.10	Multi Directional Restraint / SI-H&R-843-5C	CR-IP3-2007-0961 - The support floor baseplate was missing approximately 1/2" of grout under the plate on 3 sides. Engineering evaluated the condition and the indication was accepted as is.	Yes
F-A	F1.10	Supports That Allow Thermal Movement / SI-H-16A-12	CR-IP3-2007-1008 - There was no indicator scale on the spring support. Engineering examined the support and determined that it was in its working range with accomodation for thermal movement. Engineering evaluated the condition and the indication was accepted as is.	Yes
F-A	F1.20	Supports That Allow Thermal Movement / AC-H-210	CR-IP3-2007-0880 - The indicator scale on the spring can was painted over. Engineering examined the support and determined that it was in its working range with accomodation for thermal movement. Engineering evaluated the condition and the indication was accepted as is.	Yes
F-A	F1.20	Multi Directional Restraint / SI-H&R-846-8B-U	CR-IP3-2007-1009 - Minor cracking of the grout at the support baseplate was found. Engineering evaluated the condition and the indication was accepted as is.	Yes
F-A	F1.30	Multi Directional Restraint / SW-H&R-12C-17	CR-IP3-2007-1010 - A 3/8" gap was found between the locknut and jam nut on one of 4 pipe clamp bolts. Engineering evaluated the condition and indication was accepted as is.	Yes
F-A	F1.30	Multi Directional Restraint / CT-H-1071-4	CR-IP3-2007-0276 - Approximately 25% of the weld on the attachment to the pipe was missing. Engineering evaluated the condition and the indication was accepted as is.	Yes
F-A	F1.30	Multi Directional Restraint / CT-H-1071-7	CR-IP3-2007-0280 - The sliding surface of the support was painted. Engineering evaluated the condition and the indication was accepted as is	Yes
F-A	F1.30	Multi Directional Restraint / CT-H&R-1076-3A	CR-IP3-2007-0281 - The U-bolt nut configuration was not in accordance with the drawing. Engineering evaluated the condition and the indication was accepted as is.	Yes
F-A	F1.40	Supports Other Than Piping / 32 Aux Feedwater Pump Support	CR-IP3-2007-0275 - Moderate corrosion was found on the inside surface of the pump supports. Engineering evaluated the condition and the indication was accepted as is.	Yes

Table 3

ABSTRACT OF REPAIRS, REPLACEMENTS OR CORRECTIVE MEASURES REQUIRED FOR CONTINUED SERVICE

IP3 ISI Owners Activity Report (OAR)
Third Period, Third Interval

TABLE 3

ABSTRACT OF REPAIRS, REPLACEMENTS OR CORRECTIVE MEASURES REQUIRED FOR CONTINUED SERVICE

R/R Item No.	CODE Quality Group / Class	Repair / Replacment or Corrective Measure	Item Description and Description of Work	CC N-416 Yes/No	Flaw or Relevant Condition Found During Scheduled Examination or Test (Yes/No)	Date Completed	Work Order Number
734	3	Replacement	Replace 18" line-407 piping down stream of valve SWN-34-2	Y	N	1/23/2007	I3-010194900
958	3	Replacement	Replace bolting on 32 Fan Cooler Unit	N	N	12/8/2005	02-19297
962	3	Replacement	Replace 32 Service Water Pump	N	N	5/27/2005	02-19719
983	2	Replacement	Replace 31 Recirc Pump	N	N	3/26/2007	04-16757
985	2	Replacement	Replace 32 Recirc Pump	N	N	3/26/2007	05-11251
05-3-20	3	Replacement	Replace valve SWN-TCV-1310	N	N	11/10/2005	04-18010
05-3-21	3	Repair	Repair SWN-1-3 internals	N	N	1/27/2006	03-11106
05-3-22	3	Replacement	Replace valve SWN-TCV-1311	N	N	11/10/2005	04-20515
05-3-23	2	Replacement	Replace the support angle on SI-R-56-1-G	N	Y	8/30/2005	05-13913
05-3-24	2	Replacement	Install shim on support SI-R-56-1A-G	N	Y	8/29/2005	05-13915
05-3-25	3	Replacement	Replace support SWN-H&R-1084-3-R	N	Y	11/13/2006	04-14367
05-3-27	3	Replacement	Replace valve SWN-TCV-1312	N	N	2/8/2006	04-20671
05-3-28	3	Replacement	Replace valve SWN-63-1	N	N	11/21/2005	04-14372
05-3-29	3	Replacement	Replace valve SWN-TCV-1313	N	N	2/18/2006	04-20675
05-3-32	3	Repair	Repair weld on valve SWN-35-2	Y	N	11/10/2005	05-00512

TABLE 3

ABSTRACT OF REPAIRS, REPLACEMENTS OR CORRECTIVE MEASURES REQUIRED FOR CONTINUED SERVICE

R/R Item No.	CODE Quality Group / Class	Repair / Replacment or Corrective Measure	Item Description and Description of Work	CC N-416 Yes/No	Flaw or Relevant Condition Found During Scheduled Examination or Test (Yes/No)	Date Completed	Work Order Number
05-3-33	3	Replacement	Replace 31 Service Water pump and motor	N	N	12/7/2006	02-19107
05-3-34	3	Repair	Repair support SWN-H&R-1086-3-R	N	Y	6/7/2006	05-00030
05-3-36	3	Repair	Repair through wall leak on 14" line-1086 off 36 Service Water pump	Y	N	3/13/2006	05-21802
05-3-37	3	Repair	Repair (weld build up on) valve SWN-1-2 internal tabs	Y	N	11/9/2005	03-11105
05-3-38	3	Repair	Repair support SWN-H&R-1083-3-R	N	N	10/2/2006	05-20383
05-3-40	3	Replacement	Replace flange bolting on 31 Fan Cooler Unit	N	N	12/3/2005	02-19322
05-3-41	3	Replacement	Replace brazed joint on 32 Central Control Room AC Unit	N	N	12/7/2005	05-24740
06-3-47	3	Replacement	Replace front cover on 32 Central Control Room AC Unit	N	N	2/9/2006	05-13958
06-3-49	3	Replacement	Replace 31 Central Control Room AC Unit heat exchanger heads	N	N	6/22/2006	05-18793
06-3-50	3	Replacement	Replace 31 Central Control Room AC Unit outlet valve SWN-TCV-1311	N	N	10/13/2006	05-24149
06-3-53	3	Repair	Repair (weld build up on) valve SWN-1-3 hinge bracket tabs	N	N	10/4/2006	06-10932
06-3-54	1	Replacement	Replace flange bolting on valve PCV-464	N	N	3/26/2007	05-16315
06-3-55	1	Replacement	Replace flange bolting on valve PCV-466	N	N	3/26/2007	05-16316
06-3-56	1	Replacement	Replace flange bolting on valve PCV-468	N	N	3/26/2007	05-16317
06-3-57	3	Replacement	Replace 32 Central Control Room AC Unit outlet control valve SWN-TCV-1310	N	N	10/13/2006	05-24148

TABLE 3

ABSTRACT OF REPAIRS, REPLACEMENTS OR CORRECTIVE MEASURES REQUIRED FOR CONTINUED SERVICE

R/R Item No.	CODE Quality Group / Class	Repair / Replacment or Corrective Measure	Item Description and Description of Work	CC N-416 Yes/No	Flaw or Relevant Condition Found During Scheduled Examination or Test (Yes/No)	Date Completed	Work Order Number
06-3-58	3	Replacement	Replace SWN-9-3 vacuum breaker	N	N	12/28/2006	06-10917
06-3-60	3	Repair	Repair (weld build up on) valve SWN-1-5 hinge bracket tabs	N	Y	10/30/2006	03-17270
06-3-65	3	Replacement	Replace valve AC-755A bonnet cap screws	N	N	3/24/2007	03-24337
06-3-66	3	Replacement	Replace 32 CCW heat exchanger inlet piping and 3/4" valve SWN-217	Y	N	1/23/2007	I3-010194900
06-3-69	3	Replacement	Replace 35 Fan Cooler Unit motor cooler heat exchanger flex hose flange and degraded bolting	N	N	11/28/2006	06-24321
06-3-70	3	Replacement	Replace SWN-9-1 vacuum breaker and bolting	N	N	12/7/2006	05-23183
06-3-71	3	Replacement	Replace SWN-9-4 vacuum breaker and bolting	N	N	2/2/2007	06-12561
06-3-72	3	Replacement	Replace 31 Service Water Pump expansion joint and bolting	N	N	12/7/2006	02-19107
06-3-74	3	Repair	Repair 31 CCW heat exchanger weld leak up stream of valve SWN-34-1	Y	N	2/7/2007	06-01417
07-3-01	1	Replacement	Replace 33 Reactor Coolant Pump rotating element assembly	N	N	3/27/2007	05-16481
07-3-03	2	Replacement	Install hydro test connection between valves SI-MOV-885A and SI-MOV-885B	N	N	3/11/2006	06-21396
07-3-04	2	Replacement	Install re-designed support base on support SI-H-293-3-S	N	N	3/26/2007	06-24230
07-3-05	2	Replacement	Install re-designed support base on support SI-H&R-293-2-G	N	N	3/26/2007	06-24230
07-3-06	2	Replacement	Replace 2" line-92 piping	Y	N	3/26/2007	06-24230
07-3-07	2	Replacement	Install new support SI-R-92-3-R	N	N	3/26/2007	06-24230

TABLE 3

ABSTRACT OF REPAIRS, REPLACEMENTS OR CORRECTIVE MEASURES REQUIRED FOR CONTINUED SERVICE

R/R Item No.	CODE Quality Group / Class	Repair / Replacment or Corrective Measure	Item Description and Description of Work	CC N-416 Yes/No	Flaw or Relevant Condition Found During Scheduled Examination or Test (Yes/No)	Date Completed	Work Order Number
07-3-08	2	Replacement	Install three new lifting lugs to support beam SI-H-293-3-S	N	N	3/26/2007	06-24230
07-3-09	2	Replacement	Replace missing collar on support pin	N	N	3/20/2007	07-14521
07-3-10	3	Replacement	Replace valve CD-122	Y	N	3/23/2007	07-14988
07-3-11	2	Replacement	Install helicoil in 31 Steam Generator hand hole 'A' bolt hole #2	N	N	3/16/2007	07-15441
07-3-12	2	Replacement	Replace one damaged bonnet stud and nut on valve MS-1-33	N	N	3/20/2007	03-24561
07-3-13	3	Replacement	Replace valve and pipe flange bolting on valve AC-819B on 31 RHR heat exchanger	N	N	3/17/2007	05-18272
07-3-14	2	Replacement	Replace one stud and nut on 32 Steam Generator secondary manway	N	N	3/23/2007	06-10158
07-3-15	2	Replacement	Replace bonnet studs and nuts on 4" valve MS-42	N	N	3/20/2007	03-14218
07-3-16	3	Replacement	Replace bolting on 18" valve SWN-40-1	N	N	3/25/2007	03-11111
07-3-17	3	Replacement	Replace bolting on 18" valve SWN-40-2	N	N	3/25/2007	03-11112
07-3-18	1	Replacement	Replace #9 and #10 Hot Leg manway studs	N	Y	3/25/2007	07-17030
07-3-19	3	Repair	Repair through wall leak on pipe down stream of SWN-38	Y	N	3/28/2007	07-17850
07-3-20	1	Repair	Machine thermal barrier gasket seating surface on 33 Reactor Coolant Pump	N	N	3/27/2007	05-16481