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Michael R. Kansler  
President

January 20, 2004  
NL-04-006

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

Subject: Indian Point Nuclear Generating Unit No. 3  
Docket No. 50-286  
**1st Period Inspection Results and Repair/Replacement Activities  
for Third 10-Year Inservice Inspection Interval**

Reference: 1. USNRC Letter, R. Correia to M. Kansler, dated May 17, 2001, regarding  
"Indian Point Nuclear Generating Unit No. 3 – Evaluation of Third 10-Year  
Interval Inservice Inspection Plan Relief Requests (TAC NO. MA9757)"

Dear Sir:

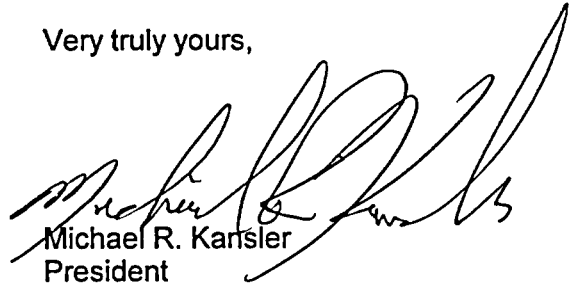
This letter submits Indian Point Nuclear Generating Unit No. 3 (IP3) Owner's Activity Report, IP3-RPT-MULTI-03847, Rev. 0 (Enclosure 1) which contains inservice inspection (ISI) results for refueling outages 3R11 and 3R12, and Repair/Replacement activities performed during the 1<sup>st</sup> Period of the Third 10-Year ISI Interval, as required by American Society of Mechanical Engineer Boiler and Pressure Vessel Code, Section XI, Article IWA-6000. All work performed during this period met the requirements of 1989 Edition, No Addenda, of the ASME Section XI Code.

The NRC had previously approved IP3 relief request No. 3-7 (Reference 1) to utilize ASME Section XI Code Case N-532. Code Case N-532 provides alternatives for the documentation requirements for repair and replacement activities, and the use of Form NIS-2A in lieu of Form NIS-2. Enclosure 1 was prepared in accordance with the requirements of the approved Code Case N-532.

A047

There are no new commitments made by this letter. If you have any questions, please contact Ms. Charlene Faison at 914-272-3378.

Very truly yours,

A handwritten signature in black ink, appearing to read "Michael R. Kansler", is written over the typed name and title.

Michael R. Kansler  
President  
Entergy Nuclear Operations, Inc.

Encl: 1. Indian Point Nuclear Generating Unit No. 3, Owner's Activity Report,  
IP3-RPT-MULTI-03847, Rev. 0.

cc:

Mr. Hubert J. Miller  
Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406-1415

Mr. Patrick D. Milano, Sr. Project Manager  
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Resident Inspector's Office  
Indian Point Unit 3  
U.S. Nuclear Regulatory Commission  
P.O. Box 337  
Buchanan, NY 10511-0337

## **Enclosure 1**

**Indian Point Nuclear Generating Unit No. 3**

**Inservice Inspection Program  
Owner's Activity Report  
First Period, Third Interval**

**IP3-RPT-MULT-03847, Rev. 0**

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# FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number IP3-RPT-MULT-03847, Rev. 0

Owner Entergy Nuclear Northeast, 440 Hamilton Ave., White Plains, NY 10601  
(Name and Address of Owner)

Plant Indian Point Energy Center, Broadway and Bleakley, Buchanan, NY 10511  
(Name and Address of Plant)

Unit No. 3 Commercial service date Aug. 30, 1976 Refueling outage no. 11 & 12  
(If applicable)

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

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

Edition and Addenda of Section XI applicable to the inspection plan 1989, No Addenda

Date and revision of inspection plan 1/30/03; Rev. 1

Edition and Addenda of Section XI applicable to repairs and replacements, if different than the inspection plan

## CERTIFICATE OF CONFORMANCE

I certify that the statements made in this Owner's 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. \_\_\_\_\_ (If applicable) Expiration Date \_\_\_\_\_

Signed R. P. Perry, Mgr. Eng. Program Date 9/25/03  
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 HSEB-CT of HARTFORD, CT have inspected the items described in this Owner's Activity Report, during the period 1/1/2000 to 7/10/03 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 examinations, tests, repairs, replacements, evaluations and corrective measures 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 a loss of any kind arising from or connected with this inspection.

Inspector's Signature [Signature] Commissions NPB, NRC, NBIC, IN  
National Board, State, Province, and Endorsements

Date 7/10/03

# FORM NIS-2A REPAIR/REPLACEMENT CERTIFICATION RECORD

## OWNER'S CERTIFICATE OF CONFORMANCE

I certify that the R/R repair or replacement represent by Repair/Replacement

Plan number Attachment Table 3 conforms to the requirements of Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signed R. Perry Date 9/15/03  
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, CT have inspected the items described in Repair/Replacement Plan number Attachment Table 3 during the period 1/1/2000 to 2/10/2003 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.

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

Date 2/10/2003

This form (E00126) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

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	1	4%	4%	Approved Relief Request RR3-19 defers the RV Shell to Flange Weld examinations to the third period. The head to flange weld was performed in R12 (in the first period)
B-B	5	1	20%	20%	
B-D	30	4	13%	13%	Code Case N-521 allows deferral of B3.90 and B3.100. RR3-16 allows deferral of B3.120
B-E	113	0	0%	0%	Deferral is permissible per Table IVB-2500-1
B-F	•	0	0%	0%	*Components within this category are part of an Augmented Risk-Informed Inspection Program per RR-28. Extent and Frequency will be in accordance with the Program.
B-G-1	265	78	30%	30%	Exams for Item B6.190 are required when disassembled- not included in count
B-G-2	15*	4	27%	27%	*Total in Total Examinations Required column is based on 1 Pressurizer manway, 2 manways for 1 SG, 2 flanges for piping, 1 RCP flange, 4 valves and 5 CRD housings (examined only when disassembled).
B-H	0	0	0%	0%	Not Applicable to IP3
B-J	•	0	0%	0%	*Components within this category are part of an Augmented Risk-Informed Inspection Program per RR-28. Extent and Frequency will be in accordance with the Program.
B-K	3	1	33%	33%	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	0	0%	0%	Deferral 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	1	34%*	34%*	*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.
B-M-1	0*	0	0%	0%	*Not applicable to IP3 (Valves do not have valve body welds)
B-M-2	5*	1	20%	20%	*Exam required only when a valve is disassembled for maintenance, repair, or volumetric exam.
B-N-1	3*	1	33%	33%	*Inspections performed each period

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: "continued"					
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	0	0%	0%	Deferred to end of interval as allowed by Table IWB-2500-1
B-P	36	12	33%	33%	Code Case N-498-1 applied where applicable
RA*	64	18	28%	28%	Risk Informed Inspections per relief request RR-28

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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	8	2	25%	25%	
AUG (C-A)	4	0	0%	0%	Augmented inspection of Non-Regenerative Heat Exchanger
C-B	11	3	27%	27%	
C-C	16	3	18%	18%	
C-F-1	60	18	30%	30%	
C-F-2	19	6	32%	32%	
C-H	16	4	25%	25%	
AUG	6	0	0%	0%	Augmented inspection of Containment Spray piping

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 3					
D-A	20	5	25%	25%	Code Case N-509 applies
D-A	12	3	25%	25%	Pressure tests

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
IWF Component Supports					
Class 1	31	10	32%	32%	Exams performed in accordance with Code Case N-491-1
Class 2	52	15	29%	29%	Exams performed in accordance with Code Case N-491-1
Class 3	69	21	30%	30%	Exams performed in accordance with Code Case N-491-1
Supports other than Piping Supports	17	4	24%	24%	Exams performed in accordance with Code Case N-491-1
AUG	1	0	0%	0%	Non-Regenerative Heat Exchanger
F-A	170	50	29%	29%	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 Components					
E-A	100% Per Period	100%	100%	100%	General Visual examinations included all accessible interior and exterior surfaces of Class MC components, parts, and appurtenances, and metallic shell and penetration liners of Class CC components. (Table IWE-2500-1) 1998 Edition, 1998 Addenda
L-A	N/A	100%	100%	100%	General Visual examinations of concrete surfaces performed to assess the general structural condition of containments (IWL-2310). Frequency of examinations as stated in code (IWL-2410). 1998 Edition, 1998 Addenda

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 Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)	Results
B-A	B1.40	Weld 1	Surface Planar	Yes	Found acceptable by analysis
B-G-1	B6.30	S6,13,18	Surface - Linear Indications	Yes	Due to improper handling, not service induced
C-F-1	C5.30	Weld 2	Surface - Linear Indication	Yes	Indication removed after cleaning
D-A	D1.10	34-1SC	Surface - Linear and rounded indications	Yes	Found acceptable by evaluation
F-A	F1.10	SI-H&R-843-8	Visual - Loose Locking Nut	Yes	Accepted after tightening
F-A	F1.30	SWN-H&R-527	Visual - Loose Nuts	Yes	Accepted after tightening
F-A	F1.30	SW-H&R-11E-31	Visual - corrosion	Yes	Accepted after cleaning
F-A	F1.40	Strainer 31	Visual - erosion	Yes	Found acceptable by analysis

TABLE 3

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

Code Class	Repair / Replacement or Corrective Measure	Item Description and Description of Work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/No)	Close Date	Repair / Replacement Plan Number
3	REPLACEMENT	Various Service Water Supports under Design Change DC-96-3-365	No	8/14/2000	232/96-03655-00,01,02,05
3	REPLACEMENT	Various Service Water Supports under Design Change DC-96-3-366	No	10/6/2000	233/96-03654-00,01,02
3	REPLACEMENT	Various Service Water Supports under Design Change DC-96-3-370	No	8/26/2001	236/96-03624-01,02,05
3	REPLACEMENT	Eight Pipe Spools on FCU 35	No	5/20/2001	275/96-00278-27*
MC	REPLACEMENT	Door Seals on 95' Airlock Inner Door	No	1/31/2001	426/96-06264-06
3	REPLACEMENT	31 CCR A/C A and B Condensers	No	9/22/2000	455/98-02273-01
3	REPLACEMENT	Valve SWN-PCV-1208	No	7/1/2000	494/95-05472-29
3	REPLACEMENT	Internals of valve SWN-1-5	No	8/23/2000	502/96-06264-27
2	REPAIR	Pipe Support SI-H-16-12-R	No	3/8/2000	512/98-01599-00
2	REPAIR	Remove and reinstall Seal Weld/Tack Welds on Valve Bonnet CH-MOV-442	No	1/30/2002	528/98-03929-00
3	REPLACEMENT	Joint Coupling on Valve SWN-66-2	No	9/27/2000	533/99-02726-00
3	REPLACEMENT	Valve SWN-TCV-1311	No	9/15/2000	537/98-03908-00
3	REPLACEMENT	Cover Restraint Lugs on 31CCRAC Condenser A/B	No	4/26/2000	540/99-00233-00
3	REPLACEMENT	Cover Bolting on 33 EDG Lube Oil/Jacket Water HXs	No	9/27/2000	591/99-00266-00
3	REPLACEMENT	32 CCW Pump	No	10/18/2000	592/97-07154-00
3	REPAIR	EOC/SWN 10" Line 1099	No	5/13/2001	593/99-04417-00*
3	REPLACEMENT	33 SWP	No	1/12/2000	594/99-03360-00
3	REPLACEMENT	36 SWP	No	3/3/2000	596/00-00295-00
3	REPLACEMENT	31 CCR A/C Condenser Head and Bolting	No	3/14/2000	597/99-02023-00
3	REPLACEMENT	31 SWP	No	3/31/2000	598/00-01110-00
3	REPLACEMENT	Trim on #32 ATM. STM. Pump	No	8/7/2001	599/00-01551-00
3	REPLACEMENT	35 SWP	No	5/18/2000	600/00-01594-00
3	REPLACEMENT	Valve SWN-TCN-1310	No	3/29/2000	601/00-02133-00
3	REPAIR/REPLACE	Rebuild Valve CD-123/Replace Flange Bolting	No	5/15/2001	602/99-04519-02
3	REPLACEMENT	Support SWN-H&R-1085-3-R on #35 Zum Strainer	No	9/20/2000	603/96-03651-00
3	REPLACEMENT	Splice/Weld New Plates on #35 Zum Strainer	No	9/20/2000	606/96-03651-00
3	REPLACEMENT	3" Pipe (Pre-Fab) To #35 FCU Heat Exchanger per DC 96-3-212	No	5/20/2001	607/96-00278-27
3	REPLACEMENT	3" Pipe on #35 FCU Heat Exchanger Piping	No	4/6/2001	608/96-00278-31*
2	REPAIR	6" Valve MS-PCV-1136 for 33 SG	No	11/18/2000	609/00-02650-01

TABLE 3

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

Code Class	Repair / Replacement or Corrective Measure	Item Description and Description of Work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/No)	Close Date	Repair / Replacement Plan Number
3	REPLACEMENT	Slot Lugs for 31 CCR A/C Unit Condenser	No	7/25/2000	610/00-01111-00
3	REPLACEMENT	1-1/2" Valve SWN-TCV-1313	No	10/2/2000	611/99-02882-00
3	REPLACEMENT	1-1/2" Valve SWN-TCV-1312	No	10/2/2000	612/99-02966-00
3	REPAIR	SW 3" Line 12E in VC	No	5/24/2001	622/00-02601-10*
3	REPAIR	SW 18" Line 509 in PAB downstream of SWN-218	No	5/24/2001	628/00-02601-16*
3	REPAIR	SW 24" Line 408 in PAB "room with the rock" (SG Blowdown)	No	6/18/2003	635/00-02601-23*
3	REPAIR/REPLACE	U-BOLT for Support AC-H&R-328-1 & VLV AC-721 removed and	No	8/22/2001	648/93-03231-02
3	REPLACEMENT	32 Spent Fuel Pit Pump Pressure Parts	No	1/11/2001	649/99-03438-00
3	REPAIR	10" Service Water Line 1093	No	5/20/2001	650/00-2850-00*
3	REPAIR	Support SWN-A-197-F on 10" Line	No	12/15/2000	651/00-04595-01
3	REPLACEMENT	2" Valve BFD-53	No	5/15/2001	656/00-02924-00*
3	REPAIR/REPLACE	Replace Valve BFD-55/Reinstall Hanger BFPR-R-7	No	5/7/2001	658/97-05520-00*
3	REPLACEMENT	16" Manway to SW Pipe (Wenko Seals) per DCP-00-3-008	No	5/20/2001	659/97-03341-07
3	REPLACEMENT	16" Manway to SW Pipe (Wenko Seals) per DCP-00-3-009	No	5/20/2001	660/97-03341-09
3	REPLACEMENT	32 SWP Motor/Pump	No	1/11/2001	661/00-4815-00
3	REPLACEMENT	8" Valve AC-803 FSB HT-HX	No	7/17/2001	662/97-00239-17
3	REPLACEMENT	Valve SWN-TCV-1310	No	12/2/2000	665/00-01535-00
3	REPLACEMENT	Condenser Cover Bolts on 31 CCR AC	No	12/2/2000	666/00-01112-00
3A	REPLACEMENT	1-1/2" Relief Valve for 35 FCU Supply	No	5/2/2001	667/00-02730-00
3A	REPLACEMENT	1-1/2" Relief Valve for 31 FCU Supply	No	5/2/2001	668/00-02726-00
3A	REPLACEMENT	1-1/2" Relief Valve for 32 FCU Supply	No	5/2/2001	669/00-02727-00
3A	REPLACEMENT	1-1/2" Relief Valve for 33 FCU Supply	No	5/8/2001	670/00-02728-00
3A	REPLACEMENT	1-1/2" Relief Valve for 34 FCU Supply	No	5/8/2001	671/00-02729-00
3	REPLACEMENT	Replace Bolting/Install Spacer on Flange for SFP Heat Exchanger	No	12/26/2000	672/93-03231-00
3	REPAIR	Weld 10" Line 12E in VC	No	5/16/2001	673/00-03141-00*
1	REPLACEMENT	6" Valve RC-PCV-466	No	5/20/2001	674/99-05044-02
1	REPLACEMENT	6" Valve RC-PCV-468	No	5/20/2001	675/99-05044-03
3	REPLACEMENT	4" Valve AC-792	No	5/8/2001	676/99-05049-01
2	REPLACEMENT	2" Relief Valve SI-892A	No	5/14/2001	678/99-05048-01

TABLE 3

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

Code Class	Repair / Replacement or Corrective Measure	Item Description and Description of Work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/No)	Close Date	Repair / Replacement Plan Number
1	REPLACEMENT	6" Relief Valve RC-PCV-464	No	5/20/2001	679/99-05044-01
3	REPLACEMENT	2" Valve SWN-PCV-1209	No	1/29/2001	680/00-03369-00
2	REPLACEMENT	Snubber AC-R-212-H Hardware	No	3/7/2001	682/00-00244-03
2	REPAIR	Valve BD 1-1	No	5/15/2001	683/98-03873-02
2	REPAIR	Valve BD 1-2	No	5/11/2001	684/98-03875-01
2	REPLACEMENT	Support MS-R-1027-4-H	No	4/17/2001	685/00-00244-10
2	REPLACEMENT	Support SI-R-361-4-H	No	4/17/2001	686/00-00244-14
1	REPLACEMENT	Install Flex Hose on Valve RC-731 per DCP 00-3-010	No	5/16/2001	687/98-04815-04
3	REPLACEMENT	Pressure Boundary Bolting for Valve SWN-TCV-1103	No	5/19/2001	691/97-00456-04
2	REPLACEMENT	Leak Off Collection System Flange Bolting for 33 RCP	No	5/20/2001	695/99-04912-01
3	REPLACEMENT	Piping Upstream and Downstream of Valve SWN-TCN-1103	No	5/24/2001	700/97-00456-05
1	REPLACEMENT	Internals of 34 RCP	No	5/19/2001	702/00-04550-00*
3	REPLACEMENT	Bolting/ Pressure Boundary Hardware for Valve SWN-99	No	5/20/2001	704/97-03341-25
3	REPLACEMENT	Valve SWN-100-1	No	5/20/2001	705/97-03341-25*
MC	REPLACEMENT	Pressure Boundary Bolting for Fuel Transfer Tube	No		708/*See CR-IP3-2001-2112
MC	REPLACEMENT	YY Penetration Bolting	No	5/19/2001	709/00-02269-18
3	REPAIR	Weld on 14" Line 408 upstream of Valve SWN 41-2	No	5/21/2001	710/01-01414-00*
3	REPLACEMENT	Valve AC-774C	No	5/12/2001	711/01-01427-00*
1	REPLACEMENT	Body Bolting for Valve RC-PCV-455A	No	5/16/2001	713/99-04922-02
3	REPLACEMENT	Valve SWN 521	No	5/15/2001	714/01-01452-00
3	REPLACEMENT	Valve SWN 520	No	5/15/2001	715/01-01452-02
3	REPLACEMENT	Valve SWN 523	No	5/15/2001	716/01-01452-02
3	REPLACEMENT	Valve SWN 527	No	5/15/2001	718/01-01452-03
3	REPLACEMENT	Valve SWN 528	No	5/15/2001	719/01-01452-04
1	REPLACEMENT	Remove and reinstall Support PW-R-152-H	No	5/14/2001	722/01-01478-02
1	REPLACEMENT	Snubber Pin for SI-R-16A-11-H	No	5/15/2001	723/00-00244-13
1	REPAIR	Snubber RC-R-25-H Support Clamp	No	5/17/2001	724/01-01459-00
1,2,3	REPAIR	Snubber Hardware for Various Snubbers	No	5/17/2001	725/00-00283-00
3	REPLACEMENT	Valve Bonnet and Bolting for SWN-138	No	4/25/2003	726/00-02891-00

TABLE 3

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

Code Class	Repair / Replacement or Corrective Measure	Item Description and Description of Work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/No)	Close Date	Repair / Replacement Plan Number
3	REPLACEMENT	U-Bolt on Support AC-H-13C-14-V	No	5/20/2001	731/00-04550-02
3	REPLACEMENT	32 ABFP Breakdown Orifice	No	4/6/2003	497/98-03465-00
3	REPLACEMENT	4" x 6" Relief Valve MS-52	No	4/14/2003	681/99-05054-01
3	REPLACEMENT	36 SWP Annubar at FI-1139	No	10/23/2001	701/99-04993-00
3	REPLACEMENT	Condenser Heads for CCR AC 32	No	9/5/2001	738/00-05122-04
2	REPLACEMENT	Temporary leak repair to valve MS-1-34 - REPLACE STUDS AND NUTS	No	9/21/2001	739/01-03810-01
2	REPLACEMENT /REPAIR	Cover Bolting, Machine Gasket Sealing Surfaces for MS-1-34	No	4/15/2003	740/01-03810-00
3	REPLACEMENT	Valve SWN-TCV-1311	No	2/1/2002	742/01-00146-00
3	REPLACEMENT	Pump 34 SWP	No	10/23/2001	743/01-03759-00
3	REPLACEMENT	Valve SWN-TCV-1313	No	1/23/2002	745/01-04227-00
3	REPLACEMENT	Pump 35 SWP	No	11/29/2001	746/01-04373-00
3a	REPAIR	Weld on SW Line 12a	No	1/29/2002	747/01-04432-00*
3	REPLACEMENT	31 CCR A/C Inlet Strainer and Blowdown Valve SWN-112-1	No	2/20/2002	748/01-04459-00*
3a	REPAIR	Weld on 10" SW Line 12a	No	1/15/2002	750/01-04592-00*
3	REPLACEMENT	Valve SWN-TCV-1310	No	1/22/2002	752/01-04420-02
3	REPLACEMENT	Cover Bolting for Valve SWN-1-2	No	3/5/2002	755/01-01945-00
3	REPLACEMENT	Valve SWN-PCN-1206	No	3/5/2002	756/01-03125-00
3	REPLACEMENT	Pump SWP 31	No	2/20/2002	757/01-04777-00
3	REPLACEMENT	Tube Bundle and Flange Bolting for IACC-HR-32	No	8/29/2002	758/01-00464-00
3	REPLACEMENT	Install new SW Piping couplings on CCR AC 31	No	2/2/2002	759/00-05123-00
3	REPLACEMENT	Relief Valve SWN 42-1	No	4/7/2003	760/01-01854-00
3	REPLACEMENT	Relief Valve SWN 42-2	No	4/7/2003	761/01-01855-00
3	REPLACEMENT	Relief Valve SWN 42-3	No	4/16/2003	762/01-01856-00
3	REPLACEMENT	Relief Valve SWN 42-4	No	4/15/2003	763/01-01857-00
3	REPLACEMENT	Relief Valve SWN 42-5	No	4/7/2003	764/01-01858-01
3	REPLACEMENT	Valves SWN-TCN-1310 and SWN-TCN-1311	No	3/14/2002	765/00-05287-00
3	REPLACEMENT	A&B Condensers and Associated Piping CCR AC 31	No	3/14/2002	766/00-05287-00
3	REPLACEMENT	Valve AC-819B	No	4/9/2003	772/01-03563-01

TABLE 3

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

Code Class	Repair / Replacement or Corrective Measure	Item Description and Description of Work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/No)	Close Date	Repair / Replacement Plan Number
3	REPLACEMENT	Relief Valve AC-782	No	4/16/2003	773/01-03561-01
3	REPAIR	Pinhole leak at Weldneck Flange 18" SWN Line 406 at SWN-TCN-1105	No	4/15/2003	774/02-01267-00*
3	REPLACEMENT	Replace 33 SW Pump	No	5/15/2003	775/01-04778-00
3	REPLACEMENT	Condenser Heads for CCR AC 32	No	4/10/2002	776/01-03459-00
3	REPLACEMENT	Valve CT-107 and Associated Piping	No	4/6/2003	781/02-00991-00*
3	REPAIR	Pinhole leak at Weld 18" Line 408 Service Water	No	6/9/2002	789/02-02250-00*
3	REPLACEMENT	2" Pipe Cap Line 408 Service Water	No	6/10/2002	790/02-02250-02*
3	REPLACEMENT	Valve SWN-TCN-1312	No	3/21/2003	807/02-00999-00
3	REPLACEMENT	Valve SWN-TCN-1313	No	10/25/2002	808/02-01000-00
3	REPLACEMENT	TM 02-3-069 for SWN-69 Mtc/EDG-33 JW HTX	No	10/3/2002	810/IP3-02-16984
3	REPLACEMENT	TM 02-3-068 for SWN-69 Mtc/EDG-32 JW HTX	No	3/18/2003	811/IP3-02-16982
3	REPLACEMENT	TM 02-3-067 for SWN-69 Mtc/EDG-31 JW HTX	No	2/20/2003	812/IP3-02-16914
3	REPLACEMENT	Valve SWN-PCN-1207	No	10/25/2002	816/02-00996-00
3	REPAIR	Weld of Pinhole SW Line 411 Inlet to SWN 34-1	No	9/25/2002	817/IP3-02-19038*
3	REPLACEMENT	Cover Bolting SWN 1-3	No	10/25/2002	820/01-01900-00
3	REPLACEMENT	Piping/Fittings 32 CCR AC	No	10/18/2002	822/IP3-02-01371
1	REPLACEMENT	Valves and Piping on RC-515A & RC-515B	No	4/10/2003	826/02-01402-00*
2	REPLACEMENT	Bonnet Bolting for BD-PCV-1214	No	4/16/2003	827/02-00880-00
1	REPLACEMENT	Valve & Flange Bolting on RC-PCV-466	No	4/17/2003	828/01-03552-02
1	REPLACEMENT	Valve & Flange Bolting on RC-PCV-468	No	4/17/2003	829/01-03552-03
1	REPLACEMENT	Valve & Flange Bolting on RC-PCV-464	No	4/17/2003	830/01-03552-01
3	REPAIR	Inlet Cover 31 IACC HX	No	10/28/2002	833/IP3-0221143
2	REPLACEMENT	Valve including Flange Bolts on AC-1836	No	5/27/2003	834/01-03568-01
3	REPLACEMENT	Valve & Bolting on SWN-PCV-1208	No	1/20/2003	835/02-00997-70
3	REPAIR	Wall Thinning at second elbow to pipe weld downstream of SWN 2-6 (14"	No	4/7/2003	846/IP3-02-21094*
2	REPLACEMENT	Valve SI-879 A & B	No	3/31/2003	878/01-77635-26*
MC	REPLACEMENT	YY Penetration Bolting	No	4/18/2003	879/02-0105614
3,3a	REPLACEMENT	Piping and Flanges at SWN-44 Lines 406 SW	No	4/21/2003	887/IP3-02-17452,IP3-02-17451*
3	REPAIR	Piping per DCP-02-018SGS (cut out and cap line for retired SG-BD HX#1)	No	5/15/2003	890/93-01210-02*

TABLE 3

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

Code Class	Repair / Replacement or Corrective Measure	Item Description and Description of Work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes/No)	Close Date	Repair / Replacement Plan Number
2	REPLACEMENT	Bolting along RX Vessel Piping	No	4/15/2003	896/02-01056-00
3	REPAIR	EOC-28 18" SW Piping	No	4/5/2003	902/IP3-03-11717*
MC	REPAIR	Drill Holes in VC Equipment Hatch for Rigging Points	No	3/20/2003	905/IP3-03-12501
3	REPLACEMENT	Flow Element on Piping 32 ABFP AFW-FE-1	No	4/6/2003	910/98-03465-00*
2	REPLACEMENT	Valve Bonnet Assembly PW-84	No	4/14/2003	911/01-77002-96
2,3	REPLACEMENT	Valves and Piping on DCP-02-3-023, MS-PCV-1310B&MS-PCV-1310A	No	4/15/2003	912/02-01044-03
2	REPLACEMENT	Thermowell for DCP-02-3-12-4, TC-11165	No	4/22/2003	914/IP3-02-16391
MC	REPLACEMENT	Retire Post-Accident VC Ventilation System DCP-01-3-033, PACN	No	4/23/2003	915/IP3-02-17233
2	REPLACEMENT	Handhole Cover "B" on 34 Steam Generator	No	4/14/2003	916/02-00993-01, IP3-03-15021
3	REPLACEMENT	SW Piping Line 12a Upstream of SWN44-3	No	4/11/2003	917/IP3-03-15024*
3	REPLACEMENT	Pressure Boundary Hardware for 32 Spent Fuel Pit Pump	No	4/16/2003	918/IP3-03-14871
1	REPLACEMENT	#26 Head Flange Washer & Nut for Reactor Vessel	No	4/20/2003	921/02-01056-01
					* Code Case 416-1 invoked