



Entergy Nuclear Northeast  
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T.A. Sullivan  
Site Vice President - JAF

May 20, 2004  
JAFP-04-0072

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

Subject: James A. FitzPatrick Nuclear Power Plant  
Docket No. 50-333  
License No. DPR-59  
**2<sup>nd</sup> Period Inspection Results and Repair/Replacement  
Activities for Third 10-Year Inservice Inspection Interval**

References: 1. USNRC Letter, S. Bajwa to J. Knubel, dated November 25,  
1998, regarding "James A. FitzPatrick Nuclear Power Plant –  
Third Interval Inservice Inspection Program Relief Requests (TAC  
NO. MA0711)"

Dear Sir:

This letter submits the James A. Fitzpatrick (JAF) Owner's Activity Report, JAF-RPT-04-00330, Rev. 0. (Enclosure 1) which contains inservice inspection (ISI) results for refueling outage R15 and Repair/Replacement activities performed during the 2<sup>nd</sup> Inspection Period of the Third 10-Year ISI Interval. 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 JAF's Request for Relief No. 6 (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 (Repair/Replacement Certification Record) in lieu of Form NIS-2 (Owner's Report for Repair or Replacement). Enclosure 1 was prepared in accordance with the requirements of the approved Code Case N-532.

AD47

There are no new commitments contained in this letter.

If you have any questions or require additional information, please contact Mr. Andrew Halliday, Regulatory Compliance Manager at (315) 349-6055.

Very truly yours,



W.A. Sullivan

TAS:gb

Enclosure: 1. James A. FitzPatrick Nuclear Power Plant, Owner's Activity Report (Form OAR-1), Report No. JAF-RPT-04-00330, Rev. 0.

cc:

Regional Administrator, Region 1  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406-1415

Mr. Guy Vissing, Sr. Project Manager  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation  
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Resident Inspector's Office  
James A. FitzPatrick Nuclear Power Plant  
U.S. Nuclear Regulatory Commission  
Lycoming, NY 13093

Attachment 1 - 7 of 7  
Attachment 2 - 2 of 2  
Attachment 3 - 5 of 5

FORM OAR-1  
OWNER'S ACTIVITY REPORT

As required by the provisions of the ASME Code Case N-832

Report Number JAF-RPT-MULTI-00330 Rev.0

Owner ENERGY NUCLEAR NORTHEAST - 440 Hamilton Ave. White Plains, New York 10601  
(Name and Address of Owner)

Plant James A. FitzPatrick Nuclear Power Plant, 268 Lake Rd., Lycoming, New York 13093  
(Name and Address of Plant)

Plant Unit N/A Commercial Service Date 7/28/75 Refueling Outage Number 15

Current Inspection Interval 3<sup>rd</sup>  
(1st, 2nd, 3rd, 4th, Other)

Current Inspection Period 2nd  
(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 JAF-ISI-0002 Rev. 3 / October 1, 2001

Edition and Addenda of ASME 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. N/A Expiration Date N/A  
(If applicable)

Signed R. Perry King NSV-EP Date 4/27/04  
(Owner's Representative and 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 this Owner's Activity Report, during the period 3/28/01 to 4/27/04, 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.

[Signature] Commissions NB# 10909 A, B, N, I NYS. 5042  
Inspector's Signature National Board, State, Province, and Endorsements

Date 4/27/04

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>CLASS 1</b>					
B-A	39	0	0%	10%	Approved Relief Request RR-17 deletes (4) RPV Circumferential Shell Weld Examinations and RR-18 defers the RPV Vertical Shell Weld examinations to RO16 (Year 2004) - Remainder of exams are deferrable to End of Interval (Table IWB-2500-1)
B-D	54	10	19%	59%	Table IWB-2500-1(Note 2) allows a maximum credit of 50% for the 1st Period
B-E	47	47	100%	100%	Examinations for components within this Category are performed every Refuel Outage RO13, 14, 15, 16, and RO17 in accordance ISI Pressure Test Program / Requirement Once Per Interval
B-F	0	0	0%	0%	Components within this category are part of the Augmented IGSCC Inspection Program and Risk-Informed Inspection Program. Extent and Frequency are in accordance with the IGSCC Inspection Program Criteria. Reference Code Category R-A Risk-Informed Inspection Program for examinations and percentages.
B-G-1	312	0	0%	27%	Exams for Items B6.180, 190, and 200 are required when disassembled
B-G-2	(6) -Valves, / (5) - RPVCH & Piping Flanges, / (1) - Pumps / 137 CRDs	(2) - Valves, / (1) RPVCH & Piping Flanges, / (0) Pumps / (25) CRDs	33% / 20% / 0% / 18%	Valves,RPVCH & Piping Flanges, Pumps 66% / CRD(s) 55%	Totals in Examinations Required column for bolting per Interval is that of Components, <u>not</u> bolts. This includes Flanges, Valves, RPV Closure Head & Piping Flanges, Pumps, and CRD Flanges. CRD's examined only when disassembled. Bolting in Pressure Seal Valves are excluded. One RPVCH Piping Flange & Flange Bolting was deleted after 1st Period Inspection. Deletion occurred during 1st Period. Remaining RPVCH & .. Piping Flange Bolting = 5
B-K (B-H)	5	2	40%	60%	
B-J	0	0	0%	0%	Components within this Category are part of the Risk-Informed Inspection Program and/or the Augmented IGSCC Inspection Program. Extent and Frequency requirements are conducted in accordance with the applicable program for that component. 1st Period (RO13 & RO14) requirements for Extent and Frequency are required to meet Risk-Informed Programmatic criteria and when required the IGSCC Program requirements Reference Code Category R-A Risk-Informed Inspection Program for examinations and percentages.

CLASS 1 "continued"					
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 (B-K-1)	13	3	23%	61%	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	0	0	0	0	Not applicable to JAF (Pumps do not have casing welds)
B-L-2	Once per Interval (1) Pump	0	0	0	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.
B-M-1	0	0	0	0	Not applicable to JAF (Valves do not have valve body welds)
B-M-2	Once per Interval (18)	6	33%	33%	Exam required only when a valve is disassembled for maintenance, repair, or volumetric exam. Exams are limited to at least one valve within each group of valves that are of the same size, constructional design and manufacturing method, and that perform similar functions in the system.
B-N-1	As Required	As Required	As Required	As Required	Inspections performed in accordance with BWRVIP Requirements and NYPA Letters (1) JPN-96-030, Dated May 30, 1996 (2) JPN-97-013, Dated March 24, 1997
B-N-2	As Required	As Required	As Required	As Required	Inspections performed in accordance with BWRVIP Requirements and NYPA Letters (1) JPN-96-030, Dated May 30, 1996 (2) JPN-97-013, Dated March 24, 1997,
B-O	10%	0	0	0	Peripheral CRD Housings (Deferral to the End of Interval is permissible)
B-P	5	1	20%	60%	Each Refueling Outage RO13, 14, 15, 16, and 17 (IAW Code Case N-498-1)

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>CLASS 2</b>					
C-A	5	1	20%	60%	
C-B	4	1	25%	50%	
C-C	23	4	17%	52%	
C-D	0	0	0%	0%	Not Applicable to JAF
C-F-1	0	0	0	0	Not Applicable to JAF
C-F-2	0	0	0%	0%	The totals detailed in this category represent Section XI requirements for the 1st Period. Examinations conducted during RO14 (2nd Refuel Outage) are required to meet Section XI percentages and Risk-Informed Programmatic criteria. The Extent and Frequency for this category meet the Extent and Frequency criterion as stipulated in Section XI, and the Risk-Informed Inspection Program. Reference Code Category R-A Risk-Informed Inspection Program for examinations and percentages.
C-G	0	0	0	0	Not Applicable to JAF
C-H	447	149	33%	66%	Each Refueling Outage (IAW Code Case N-498-1) Percentages and Total exams performed and credited represent Period requirements only and does not include the required App. J testing.

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>CLASS 3</b>					
D-A	0	0	0	0	
D-B	14	4	28%	64%	
D-C	2	1	50%	100%	

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	23	5	21%	56%	Exams performed in accordance with Code Case N-491-1
Class 1 Snubber Clamps	5	3	60%	60%	
Class 2	46	14	30%	57%	Exams performed in accordance with Code Case N-491-1
Class 2 Snubber Clamps	9	6	66%	66%	
Class 3	39	15	38%	66%	Exams performed in accordance with Code Case N-491-1
Class3 Snubber Clamps	5	1	100%	100%	
Supports other than Piping Supports	21	5	24%	62%	Exams performed in accordance with Code Case N-491-1
Total Category F-A	148	49	33%	66%	



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 Component Supports					
E-A	100% Per Period	95%	95%	95%	The 2nd Period for IWE Includes Refuel Outages 15 & 16. Exams are performed in accordance with ASME Section XI, 1998 Edition no Addenda.- Relief Request RR-27
E-B	*	*	*	*	* Based on the ASME Section 1998 Edition this Code Category is no longer applicable.
E-C	N/A	N/A	N/A	N/A	Not applicable to JAF
E-D	*	*	*	*	* Based on the ASME Section 1998 Edition this Code Category is no longer applicable.
E-F	*	*	*	*	* Based on the ASME Section 1998 Edition this Code Category is no longer applicable.
E-G	*	*	*	*	* Based on the ASME Section 1998 Edition this Code Category is no longer applicable.
E-P	*	*	*	*	* Based on the ASME Section 1998 Edition this Code Category is no longer applicable.

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
RISK-INFORMED INSPECTION PROGRAM					
Class 1	33 + 1				
Class 2	8				
Class 3	1 + 4*				* Inspection Credited from Augmented Inspection Programs
R-A	47	9	19%	53%	

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 / No)	Results
B-N-2	B13.40	Core Support Structure (Core Shroud)	BWRVIP-76	Yes	Acceptable for Continued Service- per Calculation No. JAF-CALC-NBS-04298, conservatively assumes and evaluates a through-wall condition and thus bounds and dispositions the indication
F-A	F1.10	Support/Snubber	Failed Functional Testing	Yes	This snubber was replaced during scheduled Section XI Examination and the replacement activity was captured under Replacement Planner 00-00002-32, The failure of this snubber was not captured in accordance with the ISI R/R Program or the 1st Period OAR Submittal and is now being picked up in the 2nd Period OAR. Reference CR-JAF-2002-01032
F-A	F1.10b	Constraint Type Support	Missing Scale Plate	Yes	Acceptable for Continued Service - Per CR-JAF-2002-04512 / CA-00001 evaluation -it was determined that the missing load indicator scale does not affect support operability.
F-A	F1.10b	Constraint Type Support	Bottom Inboard Clamp Nut was found loose; 5/8" dia. 4" long bolt stuck in coating on inboard top side of spring can between clevis; Bottom outboard clamp nut lacks full thread engagement by two threads	Yes	Acceptable for Continued Service - Per CR-JAF-2002-04207 /CA-00001and Attachment to CA Closure / 00003 and Attachment to CA Closure
F-A	F1.20e	Rigid Sway Strut	Lock nuts on both ends of the strut are loose.	Yes	Acceptable for Continued Service - Per CR-JAF-2002-03825
F-A	F1.20b	Adjustable Restraint	Sway Strut paddle is binding on pipe clamp ears and there is a 12 degree offset between the sway end paddle and pipe clamp ears.	Yes	Acceptable for Continued Service - Per CR-JAF-2002-03826/CA-00002
F-A	F1.20a	Rod Hanger	Lower bolt / nut connection on the pipe clamp was loose.	Yes	Acceptable for Continued Service - Per CR-JAF-2002-03901/CA-2
F-A	F1.30b	Constraint Type Support	Pipe support drawing calls for (4) Hilties with (2) nuts on base plate. (ref. item 3 of DWG. There is not adequate thread on all Hilties to install the second nut. Base plate grout was noted with surface cracks on all four sides.	Yes	Acceptable for Continued Service - Per CR-JAF-2002-03766/CA-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 / No)	Results
F-A	F1.30a	Rod Hanger	8" clevis hanger top jam nut was found loose. The East tie rod (ref. item # 4 on Dwg. 6.21.46-181) is rubbing on Electrical conduit 1CC461BP.	Yes	Acceptable for Continued Service - Per CR-JAF-2002-03767/CA-2

# ATTACHMENT 3

THIRD INTERVAL

END of SECOND PERIOD  
Refuel Outage 15

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	REPLACED SNUBBER 10-14B-HS-245A FOR GLAND SEAL FAILURE/Refer to CR-JAF-2002-01032	Yes	10/19/2000	00-00002-32/00-06745-00
2	REPLACEMENT	REPLACE RHR VALVE 10RHR-757A AND 750A. 1 1/2' VALVES - THREADED	No	3/27/2001	98-04310-00
3	REPLACEMENT	REPLACED PIPING FOR UNIT COOLER 66UC-22F	No	3/27/2001	99-10878-00
2	REPLACEMENT	REPLACED STUDS DUE TO THREAD ENGAGEMENT DURING OVERHAUL OF 23HPI-131.	No	3/27/2001	99-04875-01
2	REPAIR	REPAIR PIPE SUPPORT PFSK-2334/PER MOD F1-84-091	No	1/9/2002	00-05495-00
2	REPAIR	REPAIR PIPE SUPPORT PFSK-2187/PER MOD F1-84-091	No	1/9/2002	01-04962-00
2	REPAIR	REPLACE ALL THREAD EXTENSION PIECE ON SNUBBER 10-13A-MS-112 WITH BOLT (NO DEFECT)	No	6/3/2002	00-05107-00
2	REPLACEMENT	REPLACED SNUBBER 10-30A-HS-1000 FOR SEAL LIFE	No	6/3/2002	01-09498-00
3	REPAIR	REPAIRED STRAINER 10S-5A1 (RHRSW PUMP STRAINER) BY WELD REPAIR DUR TO CORROSION	No	6/3/2002	01-10955-00
3	REPAIR	REPAIRED STRAINER 10S-5A2 (RHRSW PUMP STRAINER) BY WELD REPAIR DUR TO CORROSION	No	6/3/2002	01-10956-00
3	REPAIR	REPLACED VARIOUS SMALL BORE PIPING TO ALLOW UNIT COOLER FLUSH (66UC-22A). CODE CASE N-416 USED. NOT AS A RESULT OF A DEGRADED CONDITION.	No	6/4/2002	99-06610-00
3	REPAIR	REPLACED VARIOUS SMALL BORE PIPING TO ALLOW UNIT COOLER FLUSH(67UC-16A). CODE CASE N-416 USED. NOT AS A RESULT OF A DEGRADED CONDITION. ALSO TRACK BY ISI PLANNER WR 00-00004-29.	No	6/4/2002	00-00224-13
3	REPAIR	REPLACED VARIOUS SMALL BORE PIPING TO ALLOW UNIT COOLER FLUSH (66UC-22C). CODE CASE N-416 USED. NOT AS A RESULT OF A DEGRADED CONDITION.	No	6/4/2002	99-05089-00
3	REPAIR	REPLACED VARIOUS SMALL BORE PIPING TO ALLOW UNIT COOLER FLUSH (66UC-22D). CODE CASE N-416 USED. NOT AS A RESULT OF A DEGRADED CONDITION.	No	6/4/2002	99-06612-14

# ATTACHMENT 3

THIRD INTERVAL

END of SECOND PERIOD  
Refuel Outage 15

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	REPAIR	REPLACED VARIOUS SMALL BORE PIPING/THREADED CONNECTIONS TO ALLOW UNIT COOLER FLUSH (66UC-22H). CODE CASE N-416 USED. NOT AS A RESULT OF A DEGRADED CONDITION.	No	6/6/2002	00-02046-00
3	REPLACEMENT	REPLACED 70RWC-2B(CND) CONDENSER HEAD DUE TO CORROSION. THIS IS FOR THE CONTROL ROOM AND RELAY ROOM VENT AND COOLING A/C. THE END BELL WAS DEGRADED DUE TO CORROSION AND WAS FOUND DURING A PM..	No	6/6/2002	00-01517-01
2	REPLACEMENT	REPLACE SNUBBER 10-9B-MS-286 FOR FUNCTION AL TESTING	Yes	10/8/2002	01-09464-00
2	REPLACEMENT	REPLACE SNUBBER 10-15B-MS-124 FOR FUNCTION AL TESTING	Yes	10/8/2002	01-09463-00
2	REPLACEMENT	REPLACE SNUBBER 10-9B-HS-4 FOR FUNCTION AL TESTING	Yes	10/8/2002	01-09415-00
2	REPLACEMENT	REPLACE SNUBBER 10-13A-HS-109B FOR FUNCTION AL TESTING	Yes	10/8/2002	01-09408-00
2	REPLACEMENT	REPLACE SNUBBER 14-9B-HS-34 FOR FUNCTION AL TESTING	Yes	10/8/2002	01-09434-00
2	REPLACEMENT	REPLACE SNUBBER 10-8A-HS-32 FOR FUNCTION AL TESTING	Yes	10/8/2002	01-09414-00
2	REPLACEMENT	REPLACE SNUBBER 10-15A-HS-102 FOR FUNCTION AL TESTING	Yes	10/8/2002	01-09410-00
2	REPLACEMENT	REPLACE SNUBBER 10-13A-HS-105 REMOVED DUE TO SEAL LIFE EXPIRATION	Yes	10/8/2002	01-09495-00
3	REPAIR	REPAIR RHR SERVICE WATER STRAINER 10S-5B2 DUE TO EROSION/CORROSION. WELD REPAIR PERFORMED	No	10/14/2002	01-13813-02
2	REPLACEMENT	REPLACE TANK 03TK-125 (HCU-26-27) DUE TO WATER BYPASS OFA DEGRADED SEAL IN THE TANK	No	10/14/2002	02-04482-00
1	REPAIR	REPAIR HPCI SUPPORT AZ-INT-16 FOR THE PIPE SUPPORT PROGRAM	No	10/14/2002	01-09955-00
1	REPAIR	REPAIR HPCI SUPPORT AZ-INT-37 FOR THE PIPE SUPPORT PROGRAM	No	10/14/2002	01-09973-00
1	REPAIR	REPAIR HPCI SUPPORT AZ-INT-038 FOR THE PIPE SUPPORT PROGRAM	No	10/14/2002	97-05778-00
2	REPAIR	REPAIR CRD PIPE SUPPORT PFSK-5520 FOR THE PIPE SUPPORT PROGRAM	No	10/14/2002	98-05223-00
1	REPAIR	REPAIR PIPE SUPPORT AZ-INT-69 FOR THE JAF PIPE SUPPORT PROGRAM/SYSTEM 002	No	10/18/2002	97-05784-00
1	REPAIR	REPAIR PIPE SUPPORT AZ-INT-87 FOR THE JAF PIPE SUPPORT PROGRAM.	No	10/21/2002	01-09956-00

# ATTACHMENT 3

THIRD INTERVAL

END of SECOND PERIOD  
Refuel Outage 15

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	REPAIR	REPAIR PIPE SUPPORT AZ-INT-90 FOR THE JAF PIPE SUPPORT PROGRAM.	No	10/21/2002	01-09964-00
1	REPAIR	REPAIR PIPE SUPPORT AZ-INT-48 FOR THE JAF PIPE SUPPORT PROGRAM.	No	10/21/2002	97-05796-00
1	REPAIR	REPAIR PIPE SUPPORT AZ-INT-27 FOR THE JAF PIPE SUPPORT PROGRAM.	No	10/21/2002	01-09977-00
3	REPLACEMENT	BOLTING WAS REPLACED ON 46SWS-110 DUR VALVE OVERHAUL	No	10/22/2002	98-04428-00
2	REPAIR	REPAIR PIPE SUPPORT CRD SUPPORT PFSK-5220 FOR THE JAF PIPE SUPPORT PROGRAM.	No	10/23/2002	98-05223-02
1	REPAIR	REPAIR PIPE SUPPORT AZ-02-3-2 FOR THE JAF PIPE SUPPORT PROGRAM.	No	10/23/2002	97-05749-00
1	REPAIR	REPAIR PIPE SUPPORT AZ-INT-007 FOR THE JAF PIPE SUPPORT PROGRAM.	No	10/23/2002	97-05765-00
1	REPAIR	REPAIR PIPE SUPPORT AZ-INT-11 FOR THE JAF PIPE SUPPORT PROGRAM.	No	10/23/2002	97-05769-00
1	REPLACEMENT	REPLACE SNUBBER 29-1C-HS-25 FOR SEAL LIFE EXPIRATION. SNUBBER NOT TESTED.	Yes	10/24/2002	01-09508-00
1	REPLACEMENT	REPLACE SNUBBER 02-2-1A-HS-13 FOR FUNCTIONAL TESTING RESULTS PASS. SNUBBER PISTON ROD SETTING IS OUTSIDE DRAWING TOLERANCE (VT-3 FAILURE). Ref. CR JAF-2002-04108 FOR EVALUATION AND RESOLUTION.	Yes	10/24/2002	01-09404-00
1	REPLACEMENT	REPLACE SNUBBER 02-2-1A-HS-15 FOR FUNCTIONAL TESTING.	Yes	10/24/2002	01-09405-00
1	REPLACEMENT	REPLACE SNUBBER 12-1-HS-19 FOR FUNCTIONAL TESTING.	Yes	10/24/2002	01-09425-00
2	REPLACEMENT	REPLACE SNUBBER 10-15B-HS-292 FOR SEAL LIFE EXPIRATION. SNUBBER NOT TESTED.	Yes	10/24/2002	01-09497-00
2	REPLACEMENT	REPLACE SNUBBER 10-9A-HS-251 FOR SEAL LIFE EXPIRATION. SNUBBER NOT TESTED.	Yes	10/24/2002	01-09499-00
2	REPLACEMENT	REPLACE SNUBBER 10-9A-HS-39 FOR SEAL LIFE EXPIRATION. SNUBBER NOT TESTED.	Yes	10/24/2002	01-09500-00
2	REPLACEMENT	REPLACE SNUBBER 10-15B-HS-21 FOR SEAL LIFE EXPIRATION. SNUBBER NOT TESTED.	Yes	10/24/2002	01-09496-00
1	REPLACEMENT	REPLACE SNUBBER 23-19A-HS-2 FOR FUNCTIONAL TESTING.	Yes	10/24/2002	01-09436-00
1	REPLACEMENT	REPLACE SNUBBER 29-1B-HS-12 FOR SEAL LIFE EXPIRATION. SNUBBER NOT TESTED.	Yes	10/24/2002	01-09507-00

# ATTACHMENT 3

THIRD INTERVAL

END of SECOND PERIOD  
Refuel Outage 15

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	REPLACE SNUBBER 10-11B-HS-89A FOR FUNCTIONAL TESTING.	Yes	10/24/2002	01-09407-00
2	REPLACEMENT	REPLACE SNUBBER 10-3B-HS-153 FOR FUNCTIONAL TESTING.	Yes	10/24/2002	01-09412-00
1	REPLACEMENT	REPLACE SNUBBER 29-1C-HS-24 FOR FUNCTIONAL TESTING.	Yes	10/24/2002	01-09451-00
1	REPLACEMENT	REPLACE SNUBBER 03-SW-HS-13 FOR SEAL LIFE EXPIRATION. SNUBBER NOT TESTED.	Yes	10/24/2002	01-09494-00
1	REPLACEMENT	REPLACE SNUBBER 03-SE-HS-8 FOR FUNCTIONAL TESTING.	Yes	10/24/2002	01-09406-00
1	REPLACEMENT	REPLACE SNUBBER 29-1A-HS-8A FOR FUNCTIONAL TESTING.	Yes	10/24/2002	01-09450-00
1	REPLACEMENT	REPLACED SNUBBER 03-NE-HS-11 FOR SEAL LIFE EXPIRATION. SNUBBER NOT TESTED. SNUBBER PISTON ROD SETTING IS OUTSIDE DRAWING TOLERANCE (VT-3 FAILURE).REFER TO CR 2002-4113 FOR EVALUATION AND RESOLUTION.	Yes	10/24/2002	01-09465-00
2	REPLACEMENT	REPLACE SNUBBER 10-15B-HS-295 FOR FUNCTIONAL TESTING.	Yes	10/24/2002	01-09411-00
2	REPLACEMENT	REPLACE SNUBBER 13-22-HS-13A FOR FUNCTIONAL TESTING.	Yes	10/24/2002	01-09430-00
1	REPLACEMENT	REPLACE SNUBBER 14-5A-HS-24 FOR SEAL LIFE EXPIRATION. SNUBBER NOT TESTED.	Yes	10/24/2002	01-09503-00
1	REPLACEMENT	REPLACE SNUBBER 14-5A-HS-25 FOR SEAL LIFE EXPIRATION. SNUBBER NOT TESTED.	Yes	10/24/2002	01-09505-00
1	REPLACEMENT	REPLACE SNUBBER 12-1-HS-18 FOR SEAL LIFE EXPIRATION. SNUBBER NOT TESTED.	Yes	10/24/2002	01-09501-00
1	REPLACEMENT	REPLACED CRD DRIVES PER WORK REQUEST. VT-1 EXAMINATION ON ALL BOLTING. PSI VT-1 ON REPLACED BOLTING. THE FOLLOWING WER REPLACED; 34-31, 42, 43, 18-27,42-39, 26-07, 42-35, 38-31, 34-43, 46-15, 06-27, 10-43, 50-19, 26-51.	Yes	12/4/2002	99-05707-00
1	REPLACEMENT	REPLACED 02RV-71F VALVE BODY FOR PM/BOLTING REPLACED AS REQUIRED. REPLACED PIOLT SETPOINT FOR PM AND SETPOINT VERIFICATION.	No	12/5/2002	00-07879-00/00-07880-00/00-07873-00
1	REPAIR/REPLACEMENT	DURING VALVE OVERHAUL THE MSIV BONNET FOR 29AOV-86A WAS REPLACED. BOLTING AND NUTS WERE REPLACED ALSO.	No	1/30/2003	00-08678-00
3	REPLACEMENT	REPLACE ISI CLASS 3 VALVE 46ESW-28A DUE TO CORROSION	Yes	1/30/2003	98-04418-00/01
2	REPLACEMENT	REPLACED SNUBBER FOR SEAL LIFE EXPIRATION.		1/30/2003	01-09506-00
3	REPLACEMENT	REPLACED HEAT EXCAHNGER 93WE-1B (EDG's) BASED ON EDDY CURRENT EXAMINATION RESULTS. SMALL BORE PIPNG AND VALVES REPLACED TO FACILITATE HEAT EXCHANGER REPLACEMENT.	No	1/30/2003	99-02656-02



## ATTACHMENT 3

THIRD INTERVAL

END of SECOND PERIOD  
Refuel Outage 15

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	REPLACE PUMP 46P-2A BASED ON IST TEST RESULTS - FLOW RATE DEGRADATION	No	1/30/2003	98-04424-00
2	REPLACEMENT	REPLACE 11SV-39A FOR TESTING -1' NPS EXEMPT (PM Testing)	No	1/30/2003	01-02661-00
2	REPLACEMENT	REPLACE 10SV-35A FOR IST TESTING - 1" NPS EXEMPT (PM Testing)	No	1/30/2003	99-04980-00
2	REPLACEMENT	REPLACE 10RV-41A FOR IST TESTING - 1" NPS EXEMPT (PM Testing)	No	1/30/2003	99-04974-00
1	REPLACEMENT	29MST-717D2 - REPLACE FOR LEAK RATE TEST PROGRAM	Yes	1/30/2003	98-05579-00
3	REPLACEMENT	REPLACE 46SWS-127A DUE TO SEAT LEAKAGE	No	1/30/2003	00-03286-00
2	REPLACEMENT	REPLACE 14SV-20A FOR IST TESTING.	No	1/30/2003	01-02663-00