INSERVICE INSPECTION 1993 OUTAGE SUMMARY REPORT

OF THE

MILLSTONE UNIT 3

NUCLEAR POWER STATION

FOR

NORTHEAST NUCLEAR ENERGY COMPANY WATERFORD, CONNECTICUT

> COMMERCIAL SERVICE DATE APRIL 23, 1986

> > REPORT DATE

NOVEMBER 1993

FOR INTERVAL 1 PERIOD 2

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Reviewed By: D. R. MacNeill

NNECO ISI Coordinator

Approved By:

T. W. Lyons
ISI Engineering Supervisor

## 1. FORM NIS-1 OWNER'S DATA REPORT

Contained in this section is the owner's data report for inservice inspection, NIS-1 form, as required by ASME Section XI. Table 1-1 is provided as a supplemental list to the NIS-1 form.

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#### ABSTRACT OF EXAMINATIONS

This report contains a summary of the examination and test results for the inservice inspection (ISI) conducted at the Northeast Nuclear Energy Company Millstone Unit 3 Nuclear Power Station during the fourth refueling outage which is the second and last outage of the second period of the first interval. Included in this report are the required ASME Section XI forms for the items examined (NIS-1) and repairs and replacements (NIS-2) that have been completed since the last Inservice Inspection Summary Report was submitted in July 1991. Reported herein are the examinations and tests required by the ASME Section XI Code and the NRC through augmented requirements.

All examinations and tests were completed as delineated in the Millstone Unit 3 Inservice Inspection Program Plan except for sixteen pipe welds in thin wall stainless steel piping and four integral attachment welds. These did not receive 100% coverage and will be addressed later in relief requests. All examinations and test completed meet the acceptance criteria stated in Millstone Unit 3 Inservice Inspection Program Plan.

PSI examinations were performed on 10 Class 2 welds that were added as a result of replacements. The same replacements eliminated 9 welds.

All required examination and test records and associated documentation generated during the performance of this inservice inspection are maintained at the plant for the service life of the plant.

# FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

Plant	(Name ar	Box 345, Water and Address of Plant) ertificate of Authorizational Board Number for I	on (if required) N	6385 one
7. Components Inspec				
Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
See supplement	al sheet.			

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

# FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

# As required by the Provisions of the ASME Code Rules

2. Plant	Stone P.O. Bo (Name and A)  3 4. Owner Certification of the property of the pr	ldress of Owner)  x 345, Water ddress of Plant)	on in reduced	6385 one
Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
See suppleme	ntal sheet.			

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

# FORM NIS-1 (back)

8. Examination Dates 7/31/93 <sub>to</sub> 11/5/93 9. Inspection Interval from 4/23/86 4/23/96
10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. See section 4 and 5 of this summary report.
11. Abstract of Conditions Noted See section 5 of this summary report.
12. Abstract of Corrective Measures Recommended and Taken See section 5 of this summar
We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.
Date 2/2 1994 Signed Jouen By NNECO
Certificate of Authorization No. (if applicable) N/A Expiration Date N/A
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of CONNECTICUT—and employed by *HSBISI CO—of HARTFORD, CT—have inspected the components described in this Owners' Data Report during the period CO7/31/93—to 11/05/93—, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Data Report in accordance with the requirements of the ASME Code, Section XI.  By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owners' Data Report. Furthermore,
neither the Inspector ner 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.
Date 03 FEBRUARY 19 94
ELIZABETH YORK Commissions NB9384 CT1137 Inspector's Signapore National Board, State, Province and No.
respected a significant to the state of the

TABLE 1-3 - SUPPLEMENTAL SHEET TO FORM NIS-1 NNECO - MILLSTONE UNIT 3 - WATERFORD, CT COMMERCIAL SERVICE DATE: 4/23/86

Component or Appurtenance	Manufacturer or Installer	Manuf. or Installer Serial No	State or Province No.	National Board No.	Zone	Exam Cat.
RPV Nuts	Combustion Eng.	7272	N/A	N/A	001	B-G-1
RPV Washers	Combustion Eng.	7272	N/A	N/A	001	B-G-1
S/G 1C Manway Studs	Westinghouse	NEGT 1778	N/A	W15216	005	B-G-2
RCP 1D Flange	Westinghouse	4-1162E93G01	N/A	4	011	8-G-1
RCS FE428 Bolting	Stone and Webster	See Summary Report	N/A	N/A	030	B-G-2
CKS Class 1 Piping	Stone and Webster	See Summary Report	N/A	N/A	011	B-7
SIL Class 1 Piping	Stone and Webster	See Summary Report	N/A	N/A	023	8-1
RCS Class 1 Piping	Stone and Webster	See Summary Report	N/A	N/A	023	B-1
HIS Class 1 Piping	Stone and Webster	See Summary Report	N/A	N/A	038	B-J
DRN Class 1 Piping	Stone and Webster	See Summary Report	N/A	N/A	042	B-J
RCS Int. Attachment	Stone and Webster	See Summary Report	N/A	N/A	029	B-K-1
RPV CRD Housing	Combustion Eng.	7272	N/A	N/A	002	B-0
THR HX Noz. Welds	Stone and Webster	See Summary Report	N/A	N/A	074	C-B
MS Int. Attachments	Stone and Webster	See Summary Report	N/A	N/A	058	c-c
FWS Int. Attachments	Stone and Webster	See Summary Report	N/A	N/A	070	c-c
SIL Int. Attachments	Stone and Webster	See Summary Report	N/A	N/A	076	c-c
SIL Class 2 Piping	Stone and Webster	See Summary Report	N/A	N/A	076	C-F-1
QSS Class 2 Piping	Stone and Webster	See Summary Report	N/A	N/A	097	C-F-1
MS Class 2 Piping	Stone and Webster	See Summary Report	N/A	N/A	058	C-F-2
FWS Class 2 Piping	Stone and Webster	See Summary Report	N/A	N/A	070	C-F-2
QSS Supports	Stone and Webster	See Summary Report	N/A	N/A	097	F-A
SWP Supports	Stone and Webster	See Summary Report	N/A	N/A	170	F-B
FWS Supports	Stone and Webster	See Summary Report	N/A	N/A	068	F-C

#### 3. INTRODUCTION

This inservice inspection summary report documents the inservice inspections conducted at Millstone Unit 3 during the fourth refueling outage from July 31, 1993 through November 5, 1993. These examinations and tests were performed in accordance with the Millstone Unit 3 Inservice Inspection Program Plan.

Welds, components and their supports were examined in accordance with the requirements of the Millstone Unit 3 Technical Specification, Section 4.0.5 and the requirements of ASME Boiler and Pressure Vessel Code, Section XI, 1983 Edition, Summer 1983 Addenda (Section XI) except where noted in the Millstone Unit 3 Inservice Inspection Program Plan.

Millstone Unit 3 started commercial operation on April 23, 1986. As allowed by Section XI, subparagraph IWA-2430(d) Northeast Nuclear Energy Company (NNECO) has elected to extend the interval by 6 months. Therefore this fourth refueling outage is the second outage in the second period which ends October 23, 1993 (7 years per Inspection Program B plus 6 months).

Also included in this summary report are augmented inservice inspections performed to meet additional NRC requirements and preservice inspections performed on new welds.

Examination and test procedures were approved prior to the outage. Also certification documents relative to personnel, equipment, and materials were reviewed and determined to be satisfactory.

Manual nondestructive and visual examinations and tests were performed by Northeast Nuclear Energy Company; Northeast Utilities Service Company; ABB/Amdata, Inc.; and EBASCO, Inc. examination personnel.

The Inservice Inspection Program was reviewed by the Hartford Steam Boiler Inspection and Insurance Company. They provided NNECO with the Authorized Nuclear Inservice Inspector for the 1993 refueling outage.

All required examination and test records and associated documentation generated during the performance of this inservice inspection are maintained at the plant for the service life of the plant.

## 2. ABBREVIATIONS

The following abbreviations are used in this summary report:

Abbreviation	Definition
	W. W. W

UT Ultrasonic Test

PT Penetrant Test

MT Magnetic Particle Test

RT Radiographic Test

ET Eddy Current Test

VT-1,2,3,4 Visual Test

NUSCO Northeast Utilities Service Co.

NNECO Northeast Nuclear Energy Co.

S/G Steam Generator

RPV Reactor Pressure Vessel

B.E.A. Break Exclusion Area

LPSI Low Pressure Safety Injection System

RCS Reactor Coolant System

RHS Residual Heat Removal System

FWS Feedwater System

MS Main Steam System

SIL Low Pressure Safety Injection System

FWA Auxiliary Feedwater System

SWP Service Water System

CHS Chemical Volume Control System

SIH Intermediate Safety Injection System

HPSI High Pressure Safety Injection System

#### 4. FIRST INTERVAL SUMMARY

#### 4.1 SECTION XI

Table 4-1 provides a summary for the first interval for those examination categories where a percentage requirement is imposed by Section XI. Examination Categories B-A, B-E, B-L-2, B-M-2, B-N-1, B-N-2, B-O, B-P, C-H, D-A, D-B, and D-C are not included since the percentage requirement does not apply to them. Of these all the interval examinations required by Examination Category B-O were completed during this outage. Also all required pressure tests were completed and are reported on in Section 6.

#### 4.1 AUGMENTED

Table 4-2 addresses the interval status for augmented examinations performed to meet NRC requirements. Included in the listing are the augmented examinations to protect against postulated piping failures within the break exclusion area (B.E.A.) and the reactor coolant pump flywheel examinations required by Regulatory Guide 1,14 (RG 1.14).

TABLE 4-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
FIRST INTERVAL - CATEGORY SUMMARY

EXAM CATEGORY	TOTAL ACTIVE REC	INTERVAL 1	PERCENT TOTAL POP	PERIOD 1		PERCENT	PERIOD 2 SCHEDULED		PERIOD 1+2   PERCENT			PERIOD 1-3 PERCENT	TOTAL	PERCENT
8-8	8	8	100.0%	3	3	38%	2	2	63X	3	0	100%	5	62.5X
B-D	44	44	100.0%	6	6	14X	10	10	36%	28	0	100%	16	36.4%
B-F	22	22	100.0%	4	4	18%	7	7	50%	- 11	0	100%	11	50.0%
B-G-1	248	222	89.5%	50	50	23%	77	77	57X	95	0	100%	127	57.2%
B-G-2	62	62	100.0%	19	19	31%	14	14	53%	29	0	100%	33	53.2%
B-H	9	9	100.0%	1	. 1	11%	3	8	100%	0	0	100%	9	100.0%
B-J	1193	608	51.0%	146	146	24%	172	172	52%	291	0	100%	318	52.3%
B-K-1	9	9	100.0%	1	1	11%	4	4	56X	4	0	100%	5	55.6%
C-A	24	7	29.2%	3	3	43%	1	1	57X	4	0	114%	4	57.1%
C-B	28	10	35.7%	4	4	40%	2	2	60%	4	0	100%	6	60.0%
c-c	43	26	60.5%	10	10	38%	Q	9	73%	7	0	100%	19	73.1%
C-D	6	2	33.3%	1	. 1	50%	0	0	50%	1	0	100%	1	50.0%
C-F-1	2472	214	8.7%	48	48	22%	86	86	63%	80	0	100%	134	62.6%
C-F-2	514	53	10.3%	27	27	51%	16	16	81%	10	0	100%	43	81.1%
C-G	22	5	22.7%	4	4	80%	0	0	80%	1	0	100%	4	80.0%
F-A	11	6	54.5%	1	1	17%	3	3	67%	2	0	100%	4	66.7%

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TABLE 4-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
FIRST INTERVAL - CATEGORY SUMMARY

EXAM CATEGORY													PERIOD 1-3 PERCENT		
F-B	933	606	65.0%	273	273	45%	3	93	93	60%	240	0	100%	366	60.4%
F-C	1054	361	34.3%	169	169	47%		72	72	67%	121	0	100%	241	66.8%

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TABLE 4-2
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
FIRST INTERVAL - AUGMENTED SUMMARY

EXAM CATEGORY				PERCENT TOTAL POP											
AUG	B.E.A.	433	433	100.0%	51	51	12%	197	197	57%	185	0	100%	248	57.3X
AUG	RG 1.14	4	4	100.0%	4	4	100%	4	4	200%	4	0	300%	8	200.0%

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#### 5. SUMMARY OF EXAMINATIONS

#### 5.3 INSERVICE AND AUGMENTED INSPECTIONS

This section provides in table 5-1 a detailed list of the examinations and tests conducted since the last summary report was issued in July 1991. It should be noted that all examinations and tests listed in this report were conducted during the 1993 refueling outage. The list is by examination category and includes the examination method and data sheet number along with the identification of the weld or component. Included in the comments column are any conditions noted on the examination data sheet and there resolution.

Acceptance criteria was based on ASME Section XI, 1983 Edition, Summer 1983 Addenda, except for certain Class 2 welds and components which were based on the 1983 Edition, Winter 1985 Addenda as noted in the Inservice Inspection Program Plan.

Following is a summary of the examination results and any limitations noted during the exam:

The state of the s	Items	Com	wants	
	Examined	All	ments examinations	acceptable
AUG (RG 1.14)		1000000		acceptable
AUG (B.E.A.)	82	All		
B-G-1	73	All		acceptable
B-G-2	5	All	examinations	acceptable
B-J	79	All	examinations	acceptable
B-K-1	4	A11	examinations	acceptable
		See	Note 1	
B-0	2	All	examinations	acceptable
С-В	2	All	examinations	acceptable
C-C	7	A11	examinations	acceptable
C-F-1	69	All	examinations	acceptable
		See	Note 2	
C-F-2	24	A11	examinations	acceptable
F-A		All	examinations	acceptable
F-B	2	All	examinations	acceptable
		See		
F-C	5		examinations	acceptable
		See		

- Note 1: Seventeen percent of the weld length for each integral attachment is inaccessible and not examined. This will be addressed later in a relief request.
- Note 2: Sixteen welds that were examined with the L-wave technique did not receive full volumetric coverage. The percent coverage is noted in the comments column. This will be addressed later in a relief request.
- Note 3: These supports were scheduled as successive examinations.

Note 4: Two supports were scheduled as successive examinations and 3 supports were examined as additional examinations.

#### 5.2 PRESERVICE INSPECTIONS

During the outage the welds joining the feedwater piping to the four steam generator feedwater nozzles were examined for information only as a result of the thermal fatigue cracking issue (NRC IN93-20). As a result of these examinations it was decided to repair indications noted in the nozzle ID and the piping counterbore region. This resulted in the replacement of piping immediately upstream of the nozzles resulting in the deletion of 7 C-F-2 welds and the addition of 8 new C-F-2 welds. Also one elbow in the feedwater system outside containment was replaced as a result of the erosion corrosion program. This resulted in 2 new C-F-2 welds replacing the 2 welds cut out.

All 10 welds received the required preservice examination which is noted in the comment column of table 5-1. As allowed by ASME Boiler and Pressure Vessel Code, Code Case N-416 the hydrostatic test required by IWA-4400 has been deferred, for the 8 new C-F-2 welds, until the system hydrostatic test scheduled for the end of the inspection interval. The 2 new welds outside containment received a hydrostatic test as required by Section XI.

#### 5.3 ADDITIONAL EXAMINATIONS

For Examination Category F-C, support 3-SWP-4-PSR132 was found to have a loose nut which required corrective action. In accordance with IWF-2430 additional examinations were conducted which included the two adjacent supports (3-SWP-4-PSR131) and 3-SWP-4-PSR133) and one more support (3-SWP-4-PSR126) since only one support of this type, design, and function was scheduled this outage.

#### 5.4 SUCCESSIVE EXAMINATIONS

The two supports in examination category F-B and the two in F-C were examined as successive examinations from period 1. The one support noted as requiring corrective action in 5.3 above will require examination in period 3 as a successive examination.

TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
AUG EXAMINATION CATEGORY

ZONE DWG/P&10			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET	UIR	COMMENTS
008	AUG	RCS	03-008-005	0.00	UT	93-UT-133		
25212-20906-SH.1	RG 1.14		FLYWHEEL PUMP 1A		MT	93-UT-134		
009	AUG	RCS	03-009-005	0.00	UT	93-UT-135		
25212-20907-SH.1	RG 1.14		FLYWHEEL PUMP 18		MT	93-UT-136		
010	AUG	RCS	03-010-005	0.00	UT	93-UT-137		
25212-20908-SH.1	RG 1.14		FLYWHEEL PUMP 1C		MT	93-UT-138		
011	AUG	RCS	03-011-005	0.00	UT	93-UT-139		
25212-20909-SH.1	RG 1.14		FLYWHEEL		MT	93-UT-140		
060	AUG	MS	MSS-501-FW-6	30.00	UT	93-MT-044		
25212-20962	B.E.A.		PEN # 4-TO-PIPE (INSIDE CONT	AINMENT)	TM	93-UT-129		
						93-UT-130		
061		MS	MSS-33-FW-V1-1M	0,00	MT	93-MT-028		
25212-20975	B.E.A.		VALVE BODY WELD					
061	AUG	MS	MSS-33-FW-V1-2M	0.00	MT	93-MT-028		
25212-20975	B.E.A.		VALVE BODY WELD					
061	AUG	MS	MSS-33-FW-V1-3M	0.00	MT	93-MT-028		
25212-20975	B.E.A.		VALVE BODY WELD					
069	AUG	FWS	FWS-11-FW-10	18.00	UT	93-MT-026		
25212-20979	B.E.A.		PIPE-TO-VALVE		MT	93-UT-022		
069	AUG	FWS	FWS-11-FW-11	18.00	UT	93-MT-017		
25212-20979	B.E.A.		VALVE-TO-PIPE		MT	93-UT-054		

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
AUG EXAMINATION CATEGORY

ONE VG/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET	UIR	COMMENTS
59	AUG	FWS	FWS-11-FW-12	20.00	UT	93-MT-017		
12-20979			PIPE-TO-PENETRATION		MT	93-UT-061		
9	AUG	FWS	FWS-11-FW-54	8.00	UT	93-MT-008		
12-20979	B.E.A.		PIPE-TO-PIPE		MT	93-UT-065		
	AUG	FWS	FWS-11-FW-68-1	0.00	MT	93-MT-024		
12-20979	B.E.A.		REINFORCING PIPE-TO-BRANCH PIPE					
	AUG	FWS	FWS-11-FW-69-1	0.00	HT	93-MT-025	93-021	MT INDICATIONS NOTED - ACCEPTABLE
12-20979	B.E.A.		REINFORCING PIPE-TO-MAIN PIPE					
	AUG	FWS	FWS-11-FW-6-8M	16.00	UT	93-MT-029	93-023	MT INDICATIONS NOTED - ACCEPTABLE
12-20979	B.E.A.		PIPE-TO-REDUCER		MT	93-UT-091		
	AUG	FWS	FWS-11-FW-6-CM	18.00	UT	93-MT-023	93-020	MT INDICATIONS NOTED - ACCEPTABLE
12-20979	B.E.A.		PIPE-TO-REDUCER		MT	93-UT-055		
	AUG	FWS	FWS-11-FW-6-FM	8.00	UT	93-MT-014	93-016	MT INDICATIONS NOTED - ACCEPTABLE
12-20979	8.E.A.		PIPE-TO-ELBOW		MT	93-UT-066		
	AUG	FWS	FWS-11-FW-6-GM	8,00	UT	93-Mi-008		
12-20979	8.E.A.		PIPE-TO-ELBOW		MT	93-UT-067		
	AUG	FWS	FWS-11-FW-5-P"	8.00	UT	93-MT-036		
12-20979	B.E.A.		PIPE-TO-ELS W		MT	93-UT-089		
9	AUG	FWS	FWS-11-Fw-6 KM	8.00	UT	93-MT-052		
2-20979	B.E.A.		PIPE-TO-REDUCER		MT	93-UT-165		

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
AUG EXAMINATION CATEGORY

ZONE DWG/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET	UIR	COMMENTS
069	AUG	FWS	FWS-11-FW-6-LM	6.00	UT	93-MT-020		
25212-20979	8.E.A.		PIPE-TO-REDUCER		MT	93-UT-085		
069	AUG	FWS	FWS-11-FW-7-BM	18.00	UT	93-MT-016	93-018	MT INDICATIONS NOTED - ACCEPTABLE
5212-20979	B.E.A.		PIPE-TO-REDUCER		MT	93-UT-053		
169	AUG	FWS	FWS-11-FW-7-CM	20.00	UT	93-MT-017		
25212-20979	9.E.A.		REDUCER-TO-PIPE		MT	93-UT-062		
69	AUG	FWS	FWS-11-FW-9	16.00	UT	93-MT-026		
5212-20979	8.E.A.		PIPE-TO-VALVE		МТ	93-UT-090		
69	AUG	FWS	FWS-12-FW-13	6.00	UT	93-MT-020		
25212-20979	8.E.A.		VALVE-TO-PIPE		MT	93-UT-086		
16	AUG	FWS	FWS-12-FW-6	6.00	UT	93-MT-053		
25212-20979	B.E.A.		VALVE-TO-PIPE		MT	93-UT-164		
169	AUG	FWS	FWS-12-FW-7	6.00	UT	93-MT-036		
25212-20979	B.E.A.		VALVE-TO-PIPE		MT	93-UT-166		
70	AUG	FWS	FWS-13-FW-10	16.00	UT	93-MT-027		
25212-20980	8.E.A.		VALVE BODY-TO-PIPE		MY	93-UT-092		
170	AUG	FWS	FWS-13-FW-11	18.00	UT	93-MT-018		
25212-20980	B.E.A.		VALVE BODY-TO-PIPE		MT	93-UT-060		
170	AUG	FWS	FWS-13-FW-13	20.00	UT	93-MT-037		
5212-20980	B.E.A.		PIPE-TO-PENETRATION		MT	93-UT-064		

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	300		

8.00 MT 93-MT-027 6.00 UT 93-MT-022 93-UT-096 93-UT-098 93-UT-098 93-UT-098 93-UT-098	6.00 UT 93-MT-022 93-UT-100 93-UT-100 16.00 UT 93-MT-015 MT INDICATIONS NOTED - ACCEPTABLE	18.00 UT 93-UT-021 MT 93-UT-021 8.00 UT 93-MT-019 93-017 MT INDICATIONS NOTED - ACCEPTABLE	51	CO Law 17
PETCATION  PERANCH PIPE  PENCORCING PAD-TO-BRANCH PIPE  PENS FWS FWS-13-FW-63  PWS FWS FWS-13-FW-63  PWS FWS FWS-13-FW-63  PWS FWS FWS-13-FW-63	AUG FWS-13-FW-63-1 B.E.A.  REINFORCING PAD-TO-MAIN PIPE B.E.A.  PWS-13-FW-64 AUG VALVE BODY-TO-PIPE B.E.A.	AJG FWS-13-FW-7-8M  8.E.A. PUS FWS-13-FW-7-CM  AJG FWS PWS-13-FW-7-CM  REDUCER-10-P1PE	AUG FWS-13-FW-7-FW B.E.A. FWS FWS-13-FW-7-GM AUG FWS FWS-13-FW-7-GM	AUG FWS-13-FW-7-HM RUG ELBON-TO-PIPE

TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
AUG EXAMINATION CATEGORY

			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET	UIR	COMMENTS
	WG	FWS	FWS-13-FW-62-1	8.00	MT	93-MT-027		
2-20980 8	LE.A.		REINFORCING PAD-TO-BRANCH PIPE					
	iUG	FWS	FWS-13-FW-63	6.00	UT	93-MT-022		
12-20980	LE.A.		PIPE-TO-REDUCER		MT	93-UT-096 93-UT-098		
							07.02/	
			FWS-13-FW-63-1 REINFORCING PAD-TO-MAIN PIPE	18.00	M	A3-M1-030	93-024	MT INDICATIONS NOTED - ACCEPTABLE
	IUG	FWS	FWS-13-FW-64	6.00	UT	93-MT-022		
-20980 E	1.E.A.		VALVE BODY-TO-PIPE		MT	93-UT-056 93-UT-100		
	IUG	FWS	FWS-13-FW-7-BM	16.00	UT	93-MT-015	93-015	MT INDICATIONS NOTED - ACCEPTABLE
			PIPE-TO-REDUCER		MT	93-UT-093		
	iUG .	FWS	FWS-13-FW-7-CM	18.00	UT	93-MT-018		
2-20980	I.E.A.		REDUCER-TO-PIPE		MT	93-UT-021		
	IUG	FWS	FWS-13-FW-7-FM	8.00	UT	93-MT-019	93-017	MT INDICATIONS NOTED - ACCEPTABLE
2-20980 E	J.E.A.		ELBOW-TO-PIPE		MT	93-UT-087		
	UG	FWS	FWS-13-FW-7-GM	8.00	UT	93-MT-018		
-20900 E	B.E.A.		ELBOH-TO-PIPE		MT	93-UT-088		
			FWS-13-FW-7-HM	6		93-MT-021		
20980	LE.A.		ELBOW-TO-PIPE		MT	93-UT-068		

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
AUG EXAMINATION CATEGORY

ZONE DWG/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET	UIR	COMMENTS
070	AUG	FWS	FWS-13-FW-7-KM	8.00	UT	93-HT-037		
25212-20980	B.E.A.		REDUCER-TO-PIPE		MT	93-ut-172		
070	AUG	FWS	FWS-14-FW-6	6.00	UT	93-MT-022		
25212-20980	8.E.A.		VALVE BODY-TO-PIPE		MT	93-UT-057		
070	AUG	FWS	FWS-14-FW-7	6.00	UT	93-MT-022		
25212-20980	B.E.A.		PIPE-TO-VALVE BODY		MT	93-UT-058		
071	AUG	FWS	FWS-15-FW-10	16.00	UT	93-MT-005	93-008	MT INDICATIONS NOTED - ACCEPTABLE
25212-20981	B.E.A.		VALVE-TO-PIPE		MT	93-MT-011		
						93-UT-094		
071	AUG	FWS	FWS-15-FW-11	18.00	UT	93-MT-004		
25212-20981	B.E.A.		VALVE-TO-PIPE		MT	93-UT-009		
071	AUG	FWS	FWS-15-FW-13	20.00	UT	93-MT-009		
25212-20981	B.E.A.		PIPE-TO-PENETRATION		MT	93-UT-003		
071	AUG	FWS	FWS-15-FW-14	6.00	UT	93-MT-009		
25212-20981	B.E.A.		VALVE-TO-PIPE		MT	93-UT-050		
071	AUG	FWS	FWS-15-FW-7-BM	16.00	UT	93-MT-004		AREA BELOW MIN. WALL - ACCEPTABLE
25212-20981	B.E.A.		VALVE-TO-PIPE		MT	93-UT-007	93-011	
071	AUG	FWS	FWS-15-FW-7-CM	18.00	UT	93-MT-004		
25212-20981	B.E.A.		REDUCER-TO-PIPE		MT	93-UT-008		
071	AUG	FWS	FWS-15-FW-7-GM	8.00	UT	93-MT-006		
25212-20981	B.E.A.		ELBOW-TO-PIPE		MT	93-UT-014		

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
AUG EXAMINATION CATEGORY

ZONE DWG/P&1D			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET	UIR	COMMENTS
071	AUG	FWS	FWS-15-FW-7-HM	8.00	UT	93-MT-009		
25212-20981	B.E.A.		ELBOW-TO-PIPE		HT	93-UT-015		
071	AUG	FWS	FWS-15-FW-7-JM	8.00	UT	93-MT-045		AREA BELOW MIN. WALL - ACCEPTEBLE
25212-20981	B.E.A.		ELBOW-TO-PIPE		MT	93-UT-145 93-UT-146	93-036	
071	AUG	FWS	FWS-15-FW-7-KM	8.00	UT	93-MT-009		
25212-20981	B.E.A.		REDUCER-TO-PIPE		MT	93-UT-171		
071	AUG	FWS	FWS-15-FW-7-LM	6.00	UT	93-MT-009		
25212-20981	B.E.A.		ELBOW-TO-PIPE		MT	93-UT-049		
071	AUG	FWS	FWS-16-FW-30	6.00	UT	93-MT-009		
25212-20981	B.E.A.		VALVE-TO-PIPE		ИТ	93-UT-048 93-UT-097		
071	AUG	FWS	FWS-16-FW-32	6.00	UT	93-MT-009		
25212-20981	8.E.A.		VALVE-TO-PIPE		MT	93-01-170		
072	AUG	FWS	FWS-17-FW-10	18,00	UT	93-MT-001		UT INDICATION NOTED - ACCEPTABLE
25212-20982	8.E.A.		VALVE-TO-PIPE		MT	93-UT-011	93-019	
072	AUG	FWS	FWS-17-FW-11	18.00	UT	93-MT-001		
25212-20982	B.E.A.		VALVE-TO-PIPE		MT	93-UT-010		
072	AUG	FWS	FWS-17-FW-12	20.00	UT	93-MT-007		
25212-20982	B.E.A.		PIPE-TO-PENETRATION		MT	93-UT-004 93-UT-019		

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
AUG EXAMINATION CATEGORY

ZONE DWG/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET	UIR	COMMENTS
072	AUG	FWS	FWS-17-FW-60-1	18.00	MT	93-MT-007		
25212-20982	B.E.A.		REINFORCING PAD-TO-PIPE					
072	AUG	FWS	FWS-17-FW-62-1	18.00	MT	93-MT-007		
5212-20982	B.E.A.		REINFORCING PAD-TO-PIPE					
72	AUG	FWS	FWS-17-FW-64^	8.00	UT	93-MT-088	93-045	PSI, UT INDICATIONS ACCEPTABLE, MT REMOVED BY CLEANING
5212-20982	B.E.A.		ELBOW-TO-PIPE		MT	93-MT-089		
						93-UT-187,9		
						93-UT-191,3	93-047	
						93-UT-175		
72	AUG	FWS	FWS-17-FW-6-BM	16.00	UT	93-MT-003	93-009	MT INDICATIONS NOTED - ACCEPTABLE
5212-20982	B.E.A.		PIPE-TO-REDUCER		MT	93-MT-013		
						93-UT-095		
72	AUG	FWS	FWS-17-FW-6-CM	18.00	UT	93-MT-002	93-010	MT INDICATIONS NOTED - ACCEPTABLE
25212-20982	B.E.A.		VALVE-TO-PIPE		MT	93-MT-012		
						93-UT-059		
72	AUG	FWS	FWS-17-FW-6-FM	8.00	UT	93-MT-007		
5212-20982	B.E.A.		ELBOW-TO-PIPE		MT	93-UT-017		
						93-07-063		
72	AUG	FWS	FWS-17-FW-6-GM	8.00	UT	93-MT-007		
5212-20982	B.E.A.		ELBOW-TO-PIPE		MT	93-UT-018		
72	AUG	FWS	FWS-17-FW-6-HM	8.00	UT	93-MT-010		
5212-20982	B.E.A.		ELBOW-TO-PIPE		MT	93-UT-016		

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
AUG EXAMINATION CATEGORY

ZONE DWG/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET	UIR	COMMENTS
072	AUG	FWS	FWS-17-FW-6-KM	8.00	UT	93-MT-010		
25212-20982	B.E.A.		ELBOW-TO-PIPE		MT	93-UT-169		
072	AUG	FWS	FWS-17-FW-6-LM	6.00	UT	93-MT-010		
25212-20982	B.E.A.		ELBOW-TO-PIPE		MT	93-UT-012		
072	AUG	FWS	FWS-17-FW-7-BM	18.00	UT	93-MT-007		
25212-20982	B.E.A.		PIPE-TO-REDUCER		MT	93-UT-002		
072	AUG	FWS	FWS-17-FW-7-CM	20.00	UT	93-MT-007		UT INDICATION NOTED - ACCEPTABLE
25212-20982	8.E.A.		PIPE-TO-REDUCER		MT	93-UT-005	93-022	
						93-UT-020	93-022	
072			FWS-17-FW-9	16.00	UT	93-MT-001		AREA BELOW MIN. WALL - ACCEPTABLE
25212-20982	B.E.A.		VALVE-TO-PIPE		МТ	93-UT-006	93-012	
072	AUG	FWS	FWS-18-FW-13	6.00	UT	93-MT-010		
25212-20982	B.E.A.		VALVE-TO-PIPE		MT	93-UT-013		
072	AUG	FWS	FWS-18-FW-29	6.00	UT	93-MT-010		
25212-20982	B.E.A.		VALVE-TO-PIPE		MT	93-UT-052		
						93-UT-101		
072	AUG	FWS	FWS-18-FW-31	6.00	UT	93-MT-035		
25212-20982	8.E.A.		VALVE-TO-PIPE		MT	93-UT-051		
						93-UT-099		
127	AUG	SIH	S1H-10-2-SW-B	4.00	PT	93-PT-003		
25212-20047	B.E.A.		PIPE-TO-ELBOW					

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
AUG EXAMINATION CATEGORY

ZONE DWG/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET UIR	COMMENTS
127	AUG	SIH	SIN-10-2-SW-C	4.00	PT	93-PT-003	
25212-20047	B.E.A.		PIPE-TO-LLBOW				
127	AUG	SIH	SIH-10-FW-3	4.00	PT	93-PT-003	
25212-20047	8.E.A.		PIPE-TO-VALVE				
127	AUG	SIH	SIH-10-FW-4	4.00	PT	93-PT-C03	
25212-20047	B.E.A.		PIPE-TO-PENETRATION				
127	AUG	SIH	SIH-7-5-SW-8	4.00	PT	93-PT-002	
25212-20047	B.E.A.		PIPE-TO-ELBOW				
127	AUG	SIH	SIH-7-5-SW-C	4.00	PT	93-PT-002	
25212-20047	B.E.A.		PIPE-TO-ELBOW				
127	AUG	SIH	S1H-7-FW-7	4.00	PT	93-PT-002	
25212-20047	B.E.A.		PIPE-TO-VALVE				
127	AUG	SIN	SIH-7-FW-8	4.00	PT	93-PT-002	
25212-20047	B.E.A.		PIPE-TO-PENETRATION				
127	AUG	SIH	SIH-8-4-SW-8	4.00	PT	93-PT-003	
25212-20047	B.E.A.		PIPE-TO-ELBOW				
127	AUG	SIH	SIH-8-4-SW-C	4.00	PT	93-PT-003	
25212-20047	B.E.A.		PIPE-TO-ELBOW				
127	AUG	SIH	SIH-8-FW-6	4.00	PT	93-PT-003	
25212-20047	B.E.A.		PIPE-TO-VALVE				

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# TABLE 5-1 MILLSTONE UNIT 3 - 1993 SUMMARY REPORT AUG EXAMINATION CATEGORY

ZONE DWG/P&ID	COMPONENT OR WELD  IDENTIFICATION	SIZE	EXAM	DATA SHEET UIR	COMMENTS	
127 25212-20047	SIH-8-FW-7 PIPE-TO-PENETRATION	4.00	PT	93-PT-094		

Report: aksumary

File: akview

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 EXAM CAT.	SYS	COMPONENT OR WELD IDENTIFICATION	3218	EXAM	DATA SHEET	UIR	COMMENTS
8-6-1	NP.	179-102-05 CLOSURE HEAD NUT	0.00	×	93-MT-090		
8-6-1	8PV	179-102-07 CLOSURE HEAD NUT	00.00	K	93-MT-090		
8-6-1	RPV	179-102-18 CLOSURE HEAD NUT	00.00	E	93-MT-090		
8-5-1	RPV	179-102-20 CLOSURE HEAD NUT	0,00	I.W.	93-MT-090		
8-6-1 86.10	¥ N	179-102-22 CLOSURE HEAD NUT	00.00	¥	93-MT-090		
8-6-1	RPV	179-102-24 CLOSURE HEAD NUT	0.00	¥	93-MT-090		
8-6-1	RPV	179-162-25 CLOSURE HEAD NUT	0.00	N.	93-MT-090		
8-6-1 86.10	RPV	179-102-26 CLOSURE HEAD NUT	0.00	TW.	93-MT-090		
8-G-1 86.10	» >>	179-102-27 CLOSURE HEAD NUT	0.00	¥	93-MT-090		
8-6-1	RPV	179-102-28 CLOSURE HEAD NUT	0.00	) E	93-MT-090		

Legend: UIR = Unresolved Indication Report

Report: aksumary File: akview

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
B-G-1 EXAMINATION CATEGORY

ZONE DWG/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET UIR COMMENT	s
001	B-G-1	RPV	179-102-29	0.00	MT	93-MT-090	
25212-20900-SH.2	86.10		CLOSURE HEAD NUT				
001	B-G-1	RPV	179-102-30	0.00	MT	93-MT-090	
25212-20900-sh.2	86.10		CLOSURE HEAD NUT				
001	B-G-1	RPV	179-102-31	0.00	MT	93-MT-090	
25212-20900-SH.2	86.10		CLOSURE HEAD MUT				
001	B-G-1	RPV	179-102-32	0.00	MT	93-MT-090	
25212-20900-SH.2	86.10		CLOSURE HEAD NUT				
001	B-G-1	RPV	179-102-33	0.00	MT	93-MT-090	
25212-20900-SH.2	86.10		CLOSURE HEAD NUT				
001	B-G-1	RPV	179-102-34	0.00	MT	93-MT-090	
25212-20900-sH.2	B6.10		CLOSURE HEAD NUT				
001	B-G-1	RPV	179-102-35	0.00	нт	93-MT-090	
25212-20900-sh.2	86.10		CLOSURE HEAD NUT				
001	B-G-1	RPV	179-102-36	0.00	МТ	93-MT-090	
25212-20900-SH.2	86.10		CLOSURE HEAD NUT				
001	B-G-1	RPV	179 - 102 - 37	0.00	MT	93-MT-090	
25212-20900-SH.2	86.10		CLOSURE HEAD MUT				
001	B-G-1	RPV	179-102-38	0.00	МТ	93-HT-090	
25212-20900-SH.2			CLOSURE HEAD NUT				

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25212-20900-5H.2 B6-10 CLOSURE HEAD MUT 001 25212-20900-5H.2 B6-10 CLOSURE HEAD MUT 003 25212-20900-5H.2 B6-10 CLOSURE HEAD MUT 003 25212-20900-5H.2 B6-10 CLOSURE HEAD MUT 004 25212-20900-5H.2 B6-10 CLOSURE HEAD MUT 005 25212-20900-5H.2 B6-10 CLOSURE HEAD MUT 006 25212-20900-5H.2 B6-10 CLOSURE HEAD MUT 007 007 007 007 007 007 007 007 007 00	ZONE DWG/P&ID	EXAM CAT.	\$5 \$4 \$0	COMPONENT OR WELD IDENTIFICATION	321.5	EXAM	DATA SHEET	e I	COMMENTS	
B6.10         CLOSURE HEAD MUT	100	8-6-1	RPV	179-102-39	0.00	T.	93-NT-090			
8-G-1         RPV         179-102-40         0.00         MT           8-G-1         RPV         179-102-41         0.00         MT           8-G-1         RPV         179-102-42         0.00         MT           8-G-1         RPV         179-102-42         0.00         MT           8-G-1         RPV         179-102-43         0.00         MT           8-G-1         RPV         179-102-44         0.00         MT           8-G-1         RPV         179-102-45         0.00         MT           8-G-1         RPV         179-102-46         0.00         MT           8-G-1         RPV         179-102-47         0.00         MT           8-G-1         RPV         179-102-47         0.00         MT           8-G-1         RPV         179-102-47         0.00         MT           8-G-1         RPV </td <td>25212-20900-SH.2</td> <td>86.10</td> <td></td> <td>CLOSURE HEAD NUT</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	25212-20900-SH.2	86.10		CLOSURE HEAD NUT						
86.10         CLOSURE HEAD NUT           8-G-1         RPV 179-102-41         0.00         MT           8-G-1         RPV 179-102-42         0.00         MT           8-G-1         RPV 179-102-43         0.00         MT           8-G-1         RPV 179-102-43         0.00         MT           8-G-1         RPV 179-102-43         0.00         MT           8-G-1         RPV 179-102-44         0.00         MT           8-G-1         RPV 179-102-45         0.00         MT           8-G-1         RPV 179-102-47         0.00         MT	001	8-6-1	RPV	179-162-40	0.00	N.	93-MT-090			
8-G-1       RPV 179-102-41       0.00       MT         8-G-1       RPV 179-102-42       0.00       MT         8-G-1       RPV 179-102-43       0.00       MT         8-G-1       RPV 179-102-43       0.00       MT         8-G-1       RPV 179-102-44       0.00       MT         8-G-1       RPV 179-102-44       0.00       MT         8-G-1       RPV 179-102-45       0.00       MT         8-G-1       RPV 179-102-46       0.00       MT         8-G-1       RPV 179-102-46       0.00       MT         8-G-1       RPV 179-102-47       0.00       MT         8-G-1       RPV 179-102-47       0.00       MT         8-G-1       RPV 179-102-48       0.00       MT         8-G-1       RPV 179-102-48       0.00       MT         8-G-1       RPV 179-102-48       0.00       MT	25212-20900-SH.2	86.10		CLOSURE HEAD NUT						
86.10       CLOSURE HEAD NUT       0.00       MT         8-G-1       RPV 179-102-42       0.00       MT         8-G-1       RPV 179-102-43       0.00       MT         8-G-1       RPV 179-102-44       0.00       MT         8-G-1       RPV 179-102-45       0.00       MT         8-G-1       RPV 179-102-47       0.00       MT         8-G-1       RPV 179-102-48       0.00       MT         8-G-1       RPV 179-102-48       0.00       MT	1001	50.00	N A	179-102-41	0.00	M	93-MT-090			
8-G-1       RPV 179-102-42       0.00       MT         86.10       CLOSURE HEAD NUT       0.00       MT         8-G-1       RPV 179-102-43       0.00       MT         8-G-1       RPV 179-102-44       0.00       MT         8-G-1       RPV 179-102-45       0.00       MT         8-G-1       RPV 179-102-45       0.00       MT         8-G-1       RPV 179-102-46       0.00       MT         8-G-1       RPV 179-102-46       0.00       MT         8-G-1       RPV 179-102-45       0.00       MT         8-G-1       RPV 179-102-46       0.00       MT         8-G-1       RPV 179-102-46       0.00       MT         8-G-1       RPV 179-102-46       0.00       MT         8-G-1       RPV 179-102-48       0.00       MT         8-G-1       RPV 179-102-48       0.00       MT	25212-20900-SH.2	86,10		CLOSURE HEAD NUT						
B6.10     CLOSURE HEAD MUT       B-G-1     RPV 179-102-43       B6.10     CLOSURE HEAD NUT       B-G-1     RPV 179-102-44       B6.10     CLOSURE HEAD NUT       B-G-1     RPV 179-102-45       B6.10     CLOSURE HEAD NUT       B-G-1     RPV 179-102-46       B6.10     CLOSURE HEAD NUT       B-G-1     RPV 179-102-47       B6.10     CLOSURE HEAD NUT       B-G-1     RPV 179-102-47       B6.10     CLOSURE HEAD NUT       B6.10     CLOSURE HEAD NUT       B6.10     CLOSURE HEAD NUT	100	8-6-1	N dia	179-102-42	00.0	×	93-MT-090			
8-G-1       RPV 179-102-43       0.00       NT         86.10       CLOSURE HEAD NUT       0.00       NT         8-G-1       RPV 179-102-44       0.00       NT         8-G-1       RPV 179-102-45       0.00       NT         8-G-1       RPV 179-102-45       0.00       NT         8-G-1       RPV 179-102-46       0.00       NT         8-G-1       RPV 179-102-47       0.00       NT         8-G-1       RPV 179-102-47       0.00       NT         8-G-1       RPV 179-102-47       0.00       NT         8-G-1       RPV 179-102-48       0.00       NT         8-G-1       RPV 179-102-48       0.00       NT	S212-20900-SH.2	86,10		CLOSURE NEAD MUT						
B6.10         CLOSURE HEAD NUT         0.00         MT           B-G-1         RPV 179-102-44         0.00         MT           B6.10         CLOSURE HEAD NUT         0.00         MT           B-G-1         RPV 179-102-45         0.00         MT           B-G-1         RPV 179-102-45         0.00         MT           B-G-1         RPV 179-102-47         0.00         MT           B-G-1         RPV 179-102-47         0.00         MT           B-G-1         RPV 179-102-47         0.00         MT           B-G-1         RPV 179-102-48         0.00         MT           B-G-1         RPV 179-102-48         0.00         MT	90	8-6-1	RPV	179-102-43	0.00	H	93-MT-090			
8-G-1     RPV 179-102-44     0.00     MT       86-10     CLOSURE HEAD MUT     0.00     MT       8-G-1     RPV 179-102-45     0.00     MT       8-G-1     RPV 179-102-46     0.00     MT       8-G-1     RPV 179-102-47     0.00     MT       8-G-1     RPV 179-102-47     0.00     MT       8-G-1     RPV 179-102-47     0.00     MT       8-G-1     RPV 179-102-48     0.00     MT       8-G-1     RPV 179-102-48     0.00     MT       8-G-1     RPV 179-102-48     0.00     MT	5212-20900-SH.2	86.10		CLOSURE HEAD NUT						
86.10     CLOSURE HEAD MUT     0.00     MT       8-G-1     RPV 179-102-45     0.00     MT       8-G-1     RPV 179-102-46     0.00     MT       8-G-1     RPV 179-102-46     0.00     MT       8-G-1     RPV 179-102-47     0.00     MT       8-G-1     RPV 179-102-47     0.00     MT       8-G-1     RPV 179-102-48     0.00     MT       8-G-1     RPV 179-102-48     0.00     MT       8-G-1     RPV 179-102-48     0.00     MT	0.1	8-6-1	RPV	179-102-44	0.00	TM	93-MT-090			
8-6-1     RPV 179-102-45     0.00     MT       86.10     CLOSURE HEAD MUT     0.00     MT       8-6-1     RPV 179-102-46     0.00     MT       8-6-1     RPV 179-102-47     0.00     MT       8-6-1     RPV 179-102-47     0.00     MT       8-6-1     RPV 179-102-48     0.00     MT       8-6-1     RPV 179-102-48     0.00     MT       8-6-1     RPV 179-102-48     0.00     MT	5212-2090G-SH.2	86.10								
86.10         CLOSURE HEAD MUT         0.00         MT           8-6-1         RPV 179-102-46         MT           86.10         CLOSURE HEAD MUT         0.00         MT           8-6-1         RPV 179-102-47         0.00         MT           8-6-1         RPV 179-102-48         0.00         MT           8-6-1         RPV 179-102-48         0.00         MT	001	8-6-1	RPV	179-102-45	0.00	T.N.	93-MT-090			
8-G-1       RPV 179-102-46       0.00       MT         86.10       CLOSURE HEAD MUT       0.00       MT         8-G-1       RPV 179-102-47       0.00       MT         8-G-1       RPV 179-102-48       0.00       MT         8-G-1       RPV 179-102-48       0.00       MT         8-G-1       RPV 179-102-48       0.00       MT	5212-20900-SH.Z	86.10		CLOSURE HEAD NUT						
86.10 CLOSURE HEAD NUT 8-G-1 RPV 179-102-47 86.10 CLOSURE HEAD NUT 8-G-1 RPV 179-102-48 8-G-1 CLOSURE HEAD NUT	01	9-6-1	RPV	179-102-46	0.00	M	93-MT-090			
8-G-1 RPV 179-102-47  86.10 CLOSURE NEAD NUT  8-G-1 RPV 179-102-48  86.10 CLOSURE HEAD NUT	5212-20900-SH.Z	96.10		CLOSURE HEAD NUT						
86.10 CLOSURE HEAD NUT 8-6-1 RPV 179-102-48 86.10 CLOSURE HEAD NUT	10	8-6-1	NP V	179-102-47	0.00	M	93-MT-090			
8-6-1 RPV 179-102-48 0.00 MT 86.10 CLOSURE HEAD MUT	5212-20900-SH.2	86.10		CLOSURE NEAD NUT						
86,10	01	8-6-1	RPV	179-102-48	0.00	TM	93-MT-090			
	5212-20900-SH.2	86.10		CLOSURE HEAD NUT						

Legend: UIR = Unresolved Indication Report

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
8-G-1 EXAMINATION CATEGORY

ZONE DWG/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET UIR	COMMENTS
001	B-G-1	RPV	179-102-49	0.00	MT	93-MT-090	
25212-20900-SH.2			CLOSURE HEAD NUT				
001	8-G-1	RPV	179-102-50	0.00	MT	93-MT-090	
25212-20900-SH.2	86.10		CLOSURE HEAD NUT				
001	B-G-1	RPV	179-102-51	0.00	MT.	93-MT-090	
25212-20900-SH.2	86.10		CLOSURE HEAD NUT				
001	8-G-1	RPV	179-102-52	0.00	MT	93-MT-090	
25212-20900-SH.2	86.10		CLOSURE HEAD NUT				
			179-102-53	0.00	MT	93-MT-090	
25212-20900-SH.2	86.10		CLOSURE HEAD NUT				
001			179-102-54	0.00	MT	93-MT-090	
25212-20900-SH.2	B6.10		CLOSURE HEAD NUT				
001			179-103-05	0.00	V1-1	93-VT-049	
25212-20900-SH.2	86.50		CLOSURE HEAD WASHER				
001			179-103-07	0.00	VT-1	93-VT-049	
25212-20900-SH.2	86.50		CLOSURE HEAD WASHER				
001		RPV	179-103-18	0.00	VT-1	93-VT-049	
25212-20900-SH.Z	86.50		CLOSURE HEAD WASHER				
001				0.00	VT-1	93-VT-049	
25212-20900-SH.2	86.50		CLOSURE HEAD WASHER				

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
8-G-1 EXAMINATION CATEGORY

ZONE DWG/P&ID	W-10-01 W113 X		COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET U	IR	COMMENTS	
001	B-G-1	RPV	179-103-22	0.00	VT-1	93-VT-049			
25212-20900-SH.2	86.50		CLOSURE HEAD WASHER						
001	B-G-1	RPV	179-103-24	0.00	VT-1	93-VT-049			
5212-20900-SH.2			CLOSURE HEAD WASHER						
101	B-G-1	RPV	179-103-25	0.00	VT-1	VT-049			
25212-20900-se.2	86.50		CLOSURE HEAD WASHER						
001	B-G-1	RPV	179-103-26	0.00	VT-1	93-VT-049			
25212-20900-sh.2			CLOSURE HEAD WASHER						
001	8-G-1	RPY	179-103-27	0.00	VT-1	93-VT-049			
25212-20900-SH.2	B6.50		CLOSURE HEAD WASHER						
101	8-G-1	RPV	179-103-28	0.00	VT-1	93-VT-049			
25212-20900-SH.2	86.50		CLOSURE HEAD WASHER						
101	B-G-1	RPV	179-103-29	0.00	VT-1	93-VT-049			
25212-20900-SH.2	B6.50		CLOSURE HEAD WASHER						
01	8-G-1	RPV	179-103-30	0.00	VT-1	93-VT-049			
5212-20900-3H.2	86.50		CLOSURE HEAD WASHER						
01	B-G-1	RPV	179-103-31	0.00	VT - 1	93-VT-049			
5212-20900-SH.2	B6.50		CLOSURE HEAD WASHER						
01	B-G-1	RPV	179-103-32	0.00	VT - 1	93-VT-049			
5212-20900-SH.2	86.50		CLOSURE HEAD WASHER						

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
B-G-1 EXAMINATION CATEGORY

ZONE DWG/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET	UIR	COMMENTS	
001	8-G-1	RPV	179-103-33	0.00	VT-1	93-VT-049			
25212-20900-SH.2	86.50		CLOSURE HEAD WASHER						
001	8-G-1	RPV	179-103-34	0.00	VT-1	93-VT-049			
25212-20900-sh.2	86.50		CLOSURE HEAD WASHER			73 11 047			
001	B-G-1	RPV	179-103-35	0.00	V7 - 1	93-VT-049			
25212-20900-sk.2	86.50		CLOSURE HEAD WASHER	0.00		73-41-04¥			
001	8-G-1	RPV	179-103-36	0.00	W . 5	07 NY 010			
25212-20900-SH.2			CLOSURE HEAD WASHER	0.00	VI-1	93-VT-049			
001	B-G-1	RPV	179-103-37	0.00	VT-1	93-VT-049			
25212-20900-sh.2	86.50		CLOSURE HEAD WASHER	0.00		73-41-049			
001	8-G-1	RPV	179-103-38	0.00	VT-1	93-VT-049			
5212-20900-SH.2			CLOSURE HEAD WASHER			73 11 047			
001	B-G-1	RPV	179-103-39	0.00	VT-1	93-VT-049			
5212-20900-SH.2			CLOSURE HEAD WASHER			73 11 049			
001	B-G-1	RPV	179-103-40	0.00	V7-1	93-VT-049			
5212-20900-SH.2	86.50		CLOSURE HEAD WASHER			7. 11 047			
101	B-G-1	RPV	179-103-41	0.00	VT-1	93-VT-049			
5212-20900-sh.2			CLOSURE HEAD WASHER			72 11 047			
01	8-G-1	RPV	179-103-42	0.00	VT-1	93-VT-049			
5212-20900-sH.2			CLOSURE HEAD WASHER	0.00		23 91 049			

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
B-G-1 EXAMINATION CATEGORY

ZONE DWG/P&1D			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET	UIR	COMMENTS	
001	B-G-1	RPV	179-103-43	0.00	VT-1	93-VT-049			-
25212-20900-sH.2			CLOSURE HEAD WASHER						
001	B-G-1	RPV	179-103-44	0.00	VT-1	93-VT-049			
25212-20900-SH.2	86.50		CLOSURE HEAD WASHER						
001	8-G-1	RPV	179-103-45	0.00	VT-1	93-VT-049			
25212-20900-sH.2	86.50		CLOSURE HEAD WASHER						
001	B-G-1	RPV	179-103-46	0.00	VT-1	93-VT-049			
25212-20900-sm.2	86.50		CLOSURE HEAD WASHER						
001	8-G-1	RPV	179-103-47	0.00	VT-1	93-VT-049			
25212-20900-sh.2	86.50		CLOSURE HEAD WASHER						
001	B-G-1	RPV	179-103-48	0.00	VT-1	93-VT-049			
25212-20900-sh.2	86.50		CLOSURE HEAD WASHER						
001	B-G-1	RPV	179-103-49	0.00	VT-1	93-VT-049			
25212-20900-SH.2	86.50		CLOSURE HEAD WASHER						
001	B-G-1	RPV	179-103-50	0.00	VT-1	93-VT-049			
25212-20900-sH.2	B6.50		CLOSURE HEAD WASHER						
101	B-G-1	RPV	179-103-51	0.00	VT-1	93-VT-049			
25212-20900-SH.2	86.50		CLOSURE HEAD WASHER						
001	8-G-1	RPV	179-103-52	0.00	VT-1	93-VT-049			
25212-20900-SH.2			CLOSURE HEAD WASHER						

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
B-G-1 EXAMINATION CATEGORY

ZONE DWG/P&ID	EXAM CAT. & ITEM NO S	COMPONENT OR WELD YS IDENTIFICATION	SIZE	EXAM DATA SHEET UIR COMMENTS
001 25212-20900-SH.2	8-G-1 R 86.50	PV 179-103-53 CLOSURE HEAD WASHER	0.00	VT-1 93-VT-049
001 25212-20900-sH.2	8-G-1 R 86.50	PV 179-103-54 CLOSURE HEAD WASHER	0.00	VT-1 93-VT-049
011 25212-20909-SH.1		CS 03-011-002F-XX FLG SURF W/DISASSEM (1" ANNUL		VT-1

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
B-G-2 EXAMINATION CATEGORY

ZONE DWG/P&1D			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET UIR COMMENTS	
005	8-G-2	RCS	03-005-001	0.00	VT-1	93-VT-018	
25212-20903	87.30		S/G 10 INLET MANKAY STUDS (1-16)				
005	8-G-Z	RCS	03-005-002	0.00	VT-1	93-VT-019	
25212-20903	87.30		S/G 1C INLET MANWAY NUTS (1-16)				
005	8-G-2	RCS	03-005-003	0.00	VT-1	93-VT-020	
25212-20903	87.30		S/G 1C OUTLET MANWAY STUDS (1-16)				
005	B-G-2	RCS	03-005-004	0.00	VT-1	93-VT-021	
25212-20903	87,30		S/G 1C OUTLET MANWAY NUTS (1-16)				
030	B-G-2	RCS	RCS*FE428	0.00	VT-1	93-YT-011	
25212-20932	87.50		FLANGE STUDS & NUTS (IN PLACE)				

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
B-J EXAMINATION CATEGORY

KE G/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET	UIR	COMMENTS
	8-J	CHS	374070-FW-18	2.00	PT	93-PT-036		
12-20917	89.21		TEE-TO-COUPLING					
	8-J	SIL	SIL-5-5-SW-E	10.00	UT	93-PT-027		
2-20925	B9.11		TEE-TO-PIPE		PT	93-UT-150		
	B-J	SIL	SIL-5-5-SW-F	6.00	UT	93-PT-027		
2-20925	89.11		TEE-TO-PIPE		PT	93-UT-153		
	B-J	RCS	S1L-5-FW-11	10.00	UT	93-PT-026		
12-20925	89.11		NOZZLE-TO-PIPE		PT	93-UT-155		
	g-J	SIL	SIL-5-FW-7	10.00	UT	93-PT-054	93-039	PT INTICATIONS NOTED - ACCEPTABLE
12-20925	89.11		PIPE-TO-VALVE		PT	93-UT-156		
	8-J	SIL	SIL-5-FW-8	6,00	UT	93-PT-045		
2-20925	B9.11		PIPE-TO-VALVE		PT	93-UT-154		
	8-J	RCS	408023-FW-1	1.50	PT	93-PT-019		
12-20932	89.21		PIPE-TO-VALVE (V-57)					
	B-J	RCS	408023-FW-10	1.50	PT	93-PT-019		
12-20932	89.21		ORIFICE FLANGE-TO-PIPE					
	B-J	RCS	408023-FW-19	1.50	PT	93-PT-019		
12-20932	89.21		VALVE-TO-PIPE (V-54)					
	B-J	RCS	408023-FW-22	1.50	PT	93-PT-019		
2-20932			VALVE (V-57)-TO-PIPE					

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
B-J EXAMINATION CATEGORY

CONE DWG/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET	UIR	COMERNIS
030	8-J	RCS	4J8023-FW-53	1.50	PT	93-PT-019		
25212-20932	89.21		ELBOW-TO-PIPE					
030	B-J	RCS	408023-FW-54	1.50	PT	93-PT-019		
25212-20932	89.21		PIPE-TO-ELBOW					
030	B-J	RCS	408023-FW-57	1.50	p+	93-PT-019		
5212-20932	89.21		PIPE-TO-ORIFICE FLANGE					
38	B-J	HSI	408045-FW-2	1.50	PT	93-PY-025		
25212-20940			PIPE-TO-TEE					
038	B-J	HSI	408045-FW-3	1.50	PT	93-PT-025		
25212-20940	89.21		TEE-TO-PIPE					
38	B-J	HSI	408045-FW-6	1.50	PT	93-PT-025		
25212-20940	89.21		TEE-TO-COUPLING					
041	B-J	HSI	408043-FW-1	1.50	PT	93-PT-048		
25212-20943	89.21		PIPE-TO-TEE					
041	B-J	RCS	408043-FW-14	1.50	PT	93-PT-048		
25212-20943	89.21		TEE-TO-PIPE					
141	8-3	RCS	408043-FW-17	1.50	PT	93-PT-039	93-030	PT INDICATIONS NOTEL - ACCEPTABLE
25212-20943	89.21		PIPE-TO-ELBOW					
161	B-J	RCS	408043-FW-18	1.50	PT	93-PT-037		
5212-20943			ELBOW-TO-PIPE					

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMAPY REPORT
B-J EXAMINATION CATEGORY

NE B/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET	UIR	COMMENTS
	8-J	HSI	408043-FW-2	1,**	PT	93-PT-044		
212-20943	89.21		TEE-TO-PIPE					
	8-J	HSI	408043-FW-6-1	1.50	PT	93-PT-044		
212-20943	89,21		PIPE-TO-VALVE (V-145)					
	8-J	RCS	408043-FW-7	1.50	PT	93-PT-044		
212-20943	89.21		VALVE-TO-PIPE					
	B-J	RCS	408043-FW-8	1.50	PT	93-PT-048		
212-20943	89.21		PIPE-TO-TEE					
	B-J	RCS	RCS-20-FW-42	1.50	PT	93-PT-040	93-031	PT INDICATIONS NOTED - ACCEPTABLE
212-20943	89.21		PIPE-TO-REDUCER					
	g-J	RCS	RCS-506-1-SW-4	3.00	PT	93-PT-048		
2-20943	89.21		ELBOW-TO-PIPE					
	B-J	RES	RCS-506-1-SW-5	3.00	PT	93-PT-048		
12-20943	87.21		PIPE-TO-ELBOW					
	8-J	RCS	RCS-506-1-SW-6	3.00	PT	93-PT-038	93-029	PT INDICATIONS NOTED - ACCEPTABLE
112-20943	89.21		REDUCER-TO-PIPE					
	B-J	DRN	407327-FW-7	2.00	PT	93-PT-028		
212-20944	89.21		PIPE-TO-NOZZLE					
	8-J	DRN	407255-FW-1	2.00	PT	93-PT-077		

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TABLE 5-1 MILLSTONE UNIT 3 - 1993 SUMMARY REPORT 8-3 EXAMINATION CATEGORY

ZONE DWG/P&ID	& :TEM NO	\$5 \$4 \$5	COMPUMENT OR WELD IDENTIFICATION	3212	EXAM	DATA SHEET	UIR COMMENTS
043	89.21	DRM	407255-FW-2	2.00	ě.	93-91-043	
	7	900		2 00	ţq.	170-10-10	
25212-20945	89.21						
	7-8	O NEW	408002-FW-1	2.00	ů.	93-PT-018	
25212-20945	89.21		VALVE-TO-PIPE				
	779	DRW	408002-FW-10	2,00	b.	93-91-055	
25212-20945	89.21		NOZZLE-TO-PIPE				
	7 100	SK SK	408002-FW-2	2.00	Td	93-91-018	
25212-20945	89,21		PIPE-TO-VALVE (V-205)				
		DRN	408002-FW-3	2.00	14	93-PT-018	
25212-20945	89.21		TEE-TO-P1PE				
		ORM	408002-FW-4	2.00	P P	93-PT-076	
25212-20945	12.08		TEE-TO-REDUCER				
		ORN	408002-FW-5	2.00	Į,	93-PT-022	93-026 PT INDICATIONS NOTED REMOVED BY CLEANING
25212-20945	89.21		P19E-10-1EE			93-PT-071	
	8-7	DRN	408002-FW-6	2.00	Td.	93-PT-018	
25212-20945	89.21		VALVE-TO-PIPE				
	7-19	DRN	408002-FW-7	2.00	<u>1</u>	93-PT-018	
25212-20045	10 21		BIDELTO-VALVE /V-2041				

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
B-J EXAMINATION CATEGORY

			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET UIR	COMMENTS
043 B	- J	DRN	408002-FW-8	2.00	PT	93-PT-018	
			ELBOW-TO-PIPE				
043 B	-1	DRN	408002-FW-9	2.00	PT	93-PT-018	
25212-20945 B	9.21		PIPE-TO-ELBO.				
043 8	- 3	RCS	408005-FW-1	2.00	PT	93-PT-055	
25212-20945 B	9.21		PIPE-TO-ELBOW				
043 8	-1	RCS	408005-FW-2	2.00	PT	93-PT-055	
25212-20945 B	9.21		ELBOW-TO-PIPE				
043 8	-3	RCS	408005-FW-3-1	2.00	PΥ	93-PT-055	
25212-20945 8	9.21		NOZZLE-TO-PIPE				
044 B	-1	DRN	RCS-176-FW-1	2.00	PT	93-PT-034	
25212-20946 B	9.21		PIPE-TO-TEE				
045 B	i-J	DRN	408004-FW-1	2.00	PT	93-PT-017	
25212-20947 8	9.21		PIPE-TO-VALVE (V-211)				
045 B	ij	RCS	408004-FW-3	2.00	PT	93-PT-052	
25212-20947 B	19.21		ELBOW-TO-PIPE				
045 8	i-J	RCS	498004-FW-4	2.00	PT	93-PT-017	
25212-20947 B	19.21		PIPE-TO-VALVE (V-210)				
045 B	I-J	DRN	408004-FW-5	2.00	PT	93-PT-017	
25212-20947 8	19.21		VALVE-TO-PIPE (V-210)				

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
B-J EXAMINATION CATEGORY

ONE WG/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET UIR COMMENTS
45	B-J	DRN	408004-FW-7	1.50	PT	93-PT-017
5212-20947	89.21		TEE-TO-COUPLING			
45	8-J	DRN	408004-FW-8	2.00	PT	93-PT-017
5212-20947	89.21		TEE-TO-PIPE			
45	B-1	RCS	408007-FW-4	2.00	PT	93-PT-052
5212-20947	89.21		ELBOM-TO-PIPE			
45	B-J	RCS	408007-FW-5	2.00	PT	93-PT-052
5212-20947	89.21		PIPE-TO-ELBOW			
45	B-J	RCS	408007-FW-6	2.00	PT	93-PT-052
5212-20947	89.21		NOZZLE-TO-PIPE			
45	8-J	DRN	RCS-178-FW-1	2.00	PT	93-PT-047
5212-20947	89.21		PIPE-TO-TEE			
45	B-J	DRN	RCS-178-FW-13	2.00	PT	93-PT-017
5212-20947	89.21		ELBOW-TO-PIPE			
45	B-J	DRN	RCS-178-FW-14-1	2.00	PT	93-PT-017
5212-20947	89.21		PIPE-TO-ELBOW			
45	B-J	DRN	RCS-178-FW-15	2.00	PT	93-PT-017
5212-20947	89.21		VALVE-TO-PIPE (V-211)			
45	B-J	DRN	RCS-178-FW-18-1	2.00	PT	93-PT-015
5212-20947	89.21		PIPE-TO-ELBOW			

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
B-J EXAMINATION CATEGORY

045 B-J DRN RCS-148-FW-11 2.00 PT 93-PT-015  046 B-J DRN RCS-148-FW-11 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-12 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-12 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-13 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-13 PIPE-TO-ELBOW  046 B-J DRN RCS-148-FW-13 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-14 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-14 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-14 2.00 PT 93-PT-016  046 B-J DRN RCS-148-FW-14 2.00 PT 93-PT-016  046 B-J DRN RCS-148-FW-40 2.00 PT 93-PT-016  046 B-J DRN RCS-148-FW-41 2.00 PT 93-PT-016  046 B-J DRN RCS-148-FW-41 2.00 PT 93-PT-016
046 B-J DRN RCS-148-FW-12 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-12 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-12 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-13 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-13 PIPE-TO-ELBOW  046 B-J DRN RCS-148-FW-14 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-14 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-40 2.00 PT 93-PT-016  046 B-J DRN RCS-148-FW-41 2.00 PT 93-PT-016
25212-20948 B9.21 PIPE-TO-TEE  046 B-J DRN RCS-148-FW-12 Z.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-13 Z.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-13 PIPE-TO-ELBOW  046 B-J DRN RCS-148-FW-14 Z.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-14 Z.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-40 Z.00 PT 93-PT-016  046 B-J DRN RCS-148-FW-40 Z.00 PT 93-PT-016  046 B-J DRN RCS-148-FW-41 Z.00 PT 93-PT-016  046 B-J DRN RCS-148-FW-41 Z.00 PT 93-PT-016  046 B-J DRN RCS-148-FW-41 Z.00 PT 93-PT-016
046 B-J DRN RCS-148-FW-12 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-13 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-14 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-14 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-14 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-40 2.00 PT 93-PT-016  046 B-J DRN RCS-148-FW-40 2.00 PT 93-PT-016  046 B-J DRN RCS-148-FW-41 2.00 PT 93-PT-016  046 B-J DRN RCS-148-FW-41 2.00 PT 93-PT-016  046 B-J DRN RCS-148-FW-41 2.00 PT 93-PT-016
25212-20948 89.21 TEE-TO-PIPE  046 8-J DRN RCS-148-FW-13 2.00 PT 93-PT-035  046 8-J DRN RCS-148-FW-14 2.00 PT 93-PT-035  046 8-J DRN RCS-148-FW-14 2.00 PT 93-PT-035  046 8-J DRN RCS-148-FW-40 2.00 PT 93-PT-016  25212-20948 89.21 TEE-TO-PIPE  046 8-J DRN RCS-148-FW-41 2.00 PT 93-PT-016  25212-20948 89.21 PIPE-TO-TEE
046 B-J DRN RCS-148-FW-13 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-14 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-14 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-40 2.00 PT 93-PT-016  25212-20948 B9.21 TEE-TO-PIPE  046 B-J DRN RCS-148-FW-41 2.00 PT 93-PT-016  25212-20948 B9.21 PIPE-TO-TEE
25212-20948 89.21 PIPE-TO-EL80W  046 8-J DRN RCY-148-FW-14 2.00 PT 93-PT-035  25212-20948 89.21 ELBOW-TO-PIPE  046 8-J DRN RCS-148-FW-40 2.00 PT 93-PT-016  25212-20948 89.21 TEE-TO-PIPE  046 8-J DRN RCS-148-FW-41 2.00 PT 93-PT-016  25212-20948 89.21 PIPE-TO-TEE
046 B-J DRN RCS-148-FW-14 2.00 PT 93-PT-035  046 B-J DRN RCS-148-FW-40 2.00 PT 93-PT-016  25212-20948 B9.21 TEE-TO-PIPE  046 B-J DRN RCS-148-FW-41 2.00 PT 93-PT-016  25212-20948 B9.21 PIPE-TO-TEE
25212-20948 89.21 ELBOW-TO-PIPC  046 8-J DRN RCS-148-FW-40 2.00 PT 93-PT-016  25212-20948 89.21 TEE-TO-PIPE  046 8-J DRN RCS-148-FW-41 2.00 PT 93-PT-016  25212-20948 89.21 PIPE-TO-TEE
25212-20948 89.21 ELBOW-TO-PIPC  046 8-J DRN RCS-148-FW-40 2.00 PT 93-PT-016  25212-20948 89.21 TEE-TO-PIPE  046 8-J DRN RCS-148-FW-41 2.00 PT 93-PT-016  25212-20948 89.21 PIPE-TO-TEE
25212-20948 89.21 TEE-TO-PIPE  046 8-J DRN RCS-148-FW-41 2.00 PT 93-PT-016 25212-20948 89.21 PIPE-TO-TEE
046 B-J DRN RCS-148-FW-41 2.00 PT 93-PT-016 25212-20948 B9.21 PIPE-TO-TEE
25212-20948 B9.21 PIPE-TO-TEE
생님이 있는 생물이 되었다. 경기를 다 하지요요. 하는데, 이번에 다양하다 하다가 되었다. 하는데
048 B-J RCS 3-CHS-15-FW-10 3.00 PT 93-PT-050
25212-20950 89.21 PIPE-TO-VALVE (V-148)
048 B-J RCS 3-CHS-15-FW-11 3.00 PT 93-PT-050
25212-20950 B9.21 VALVE-TO-PIPE (V-148)
048 B-J RCS 3-CMS-15-FW-12 3.00 PT 93-PT-050
25212-20950 B9.21 PIPE-TO-ELBOW

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
B-J EXAMINATION CATEGORY

ZONE DMG/P&1D			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET UIR	COMMENTS	
048	B-J	RCS	3-CHS-15-FW-13	3.00	PT	93-PT-050		
25212-20950	89.21		ELBOW-TO-PIPE					
048	B-J	RCS	3-CHS-15-FW-14	3.00	PT	93-PT-050		
25212-20950	89,21		PIPE-TO-ELBOW					
048	8-J	RCS	3-CHS-15-FW-22	3.00	pŢ	93-PT-050		
25212-20950	B9.21		PIPE-TO-ELBOW					
048	B-J	RCS	3-CHS-15-FW-23	3,00	PT	93-PT-029		
25212-20950	89.21		ELBOW-TO-PIPE					
048	B-J	RCS	3-CHS-15-FW-24	3.00	PT	93-PT-029		
25212-20950	89.21		PIPE-TO-ELBOW					
048	B-J	RCS	3-CHS-15-FW-25	3.00	PT	93-PT-029		
25212-20950	89.21		ELBOW-TO-PIPE					
048	B-J	RCS	3-CHS-15-FW-26	3.00	PT	93-PT-050		
25212-20950	89.21		PIPE-TO-ELBOW					
048	B-J	RCS	3-CHS-15-FW-28	3.00	PT	93-PT-066		
25212-20950	89.21		ELBOW-TO-PIPE					
048	B-J	RCS	3-CHS-15-FW-9	3.00	PT	93-PT-050		
25212-20950	89.21		VALVE-TO-PIPE (V-147)					

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
B-K-1 EXAMINATION CATEGORY

ZONE DWG/P&ID	EXAM CAT. & ITEM NO		COMPONENT OR WELD IDENTIFICATION S	SIZE	EXAM	DATA SHEET	UIR	COMMENTS
029	B-K-1	RCS	RCS-504A-PSSH509	3.00	PT	93-PT-062		SIDE UNDER CLAMP NOT ACCESSIBLE, 83% OF WELD EXAMINED
25212-20931	810.10		INTEGRAL ATTACH TO PIPE FOR 3-RHS-1	PSSH509				
029	B-K-1	RCS	RCS-504A-PSSH510 8	3.00	PT	93-PT-063		SIDE UNDER CLAMP NOT ACCESSIBLE, 83% OF WELD EXAMINED
25212-20931	810.10		INTEGRAL ATTACH TO PIPE FOR 3-RHS-1-	PSSH510				
030	8-K-1	RCS	RCS-5048-PSSH507 8	3.00	PT	93-PT-053		SIDE UNDER CLAMP NOT ACCESSIBLE, 83% OF WELD EXAMINED
25212-20932	B10.10		INTEGRAL ATTACH TO PIPE FOR 3-RHS-1-	PSSH507				
030	8-K-1	RCS	RCS-504B-PSSH508 8	3.00	PT	93-PT-065		SIDE UNDER CLAMP NOT ACCESSIBLE, 83% OF WELD EXAMINED
25212-20932	B10.10		INTEGRAL ATTACH TO PIPE FOR 3-RHS-1-	PSSH508				

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# TABLE 5-1 MILLSTONE UNIT 3 - 1993 SUMMARY REPORT B-0 EXAMINATION CATEGORY

ZONE DWG/P&ID		COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET UIR	COMMENTS		
002 25212-20900-SH.3	B-0 RPV B14.10	03-002-001 INCLUDE 001-70 & 73	0.00	PT	93-PT-051			

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MILLSTONE UNIT 3 - 1993 SUMMARY REPORT C-8 EXAMINATION CATEGORY

SIZE EXAM DATA SHEET UIR COMMENTS	V1-2 93-V1-005 93-V1-009 93-V1-016	VT-2 93-VT-006 93-VT-010
SIZE EXA	0.00 VT-	0.00 VT-
COMPONENT OR WELD SYS IDENTIFICATION	RHS 03-074-002 MOZZLE-TO-SHELL	RHS 03-074-007 NOZZLE-TO-SHELL
EXAM CAT.	C2.33	C-8 RHS
ZONE DWG/P&ID	25212-20984	074 25212-20984

TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
C-C EXAMINATION CATEGORY

ONE DWG/P&ID	EXAM CAT. & ITEM NO		COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET	UIR	COMMENTS
058	C-C	MS	3-MSS-1-PSSH129	0.00	MT	93-MT-040	93-028	MT INDICATIONS NOTED REMOVED BY CLEANING
25212-20960	C3.20		WELDED ATTACH FW-46, FW-47, FW-48 & F	W-49		93-MT-048		
70	c-c	FWS	FWS-13-FW-62-1*	0.00	MT	93-MT-027		
25212-20980	C3.20		REINFORCING PAD-TO-BRANCH PIPE					
070	c-c	FWS	FWS-13-FW-63-1^	0.00	MT	93-MT-030	93-024	MT INDICATIONS NOTED - ACCEPTABLE
25212-20980	C3.20		REINFORCING PAD-TO-MAIN PIPE					
71	C-C	FWS	FWS-15-FW-60-1^	0.00	MT	93-MT-006		
25212-20981	C3.20		REINFORCING PAD-TO-PIPE					
071	c-c	FWS	FWS-15-FW-61-1^	0.00	MT	93-MT-006		
25212-20981	C3.20		REINFORCING PAD-TO-PIPE					
076	c-c	SIL	3-SIL-1-PSSP415	0.00	PT	93-PT-075		
25212-20968	C3.20		WELDED ATTCHMENT					
076	c-c	SIL	3-SIL-1-PSSP420	0.00	PT	93-PT-020		ROUNDED INDICATION NOTED - ACCEPTABLE
25212-20968	C3.20		WELDED ATTACHMENT			93-FT-021	93-025	

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
C-F-1 EXAMINATION CATEGORY

ONE VG/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET	UIR	COMMENTS
76	C-F-1	SIL	STL-158-FW-6	10.00	Uĭ	93-PT-049		
5212-20968	C5.11		PIPE-TO-VALVE (V-17)		PT	93-UT-149		
76	C-F-1	SIL	SIL-5-4-5W-8	10.00	UT	93-PT-024		
212-20968	C5.11		PIPE-TO-ELBOW		PT	93-UT-148		
79	C-F-1	SIL	S1L-40-FW-1	6.00	UT	93-PT-031		
5212-20971	C5.11		VALVE-TO-PIPE		PT	93-UT-125		
						93-UT-142		
79	C-F-1	SIL	SIL-501-1-SW-10	6.00	UT	93-PT-031		
5212-20971	C5.11		ELBOW-TO-PIPE		PT	93-UT-126		
79	C-F-1	SIL	SIL-501-1-SW-2	10.00	UT	93-PT-067	93-040	PT INTICATIONS NOTED REMOVED BY CLEANING
3212-20971	C5.11		PIPE-TO-ELBOW		PT	93-PT-072		
						93-UT-163		
79	C-F-1	SIL	SIL-501-1-SW-3	10.00	UT	93-PT-031		
5212-20971	C5.11		ELBOW-TO-PIPE		PT	93-UT-118		
79	C-F-1	SIL	SIL-501-1-SW-4	10.00	UT	93-PT-031		
5212-20971	C5.11		PIPE-TO-TEE		PT	93-UT-117		
79	C-F-1	SIL	SIL-501-1-5W-5	6.00	UT	93-PT-031		
5212-20971	C5.11		TEE-TO-PIPE		PT	93-UT-128		
79	C-F-1	SIL	SIL-501-1-5W-6	10.00	UT	93-PT-031		
5212-20971	C5.11		TEE-TO-PIPE		PT	93-UT-119		

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
C-F-1 EXAMINATION CATEGORY

ZONE DWG/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET	UIR	COMMENTS
079	C-F-1	SIL	SIL-501-1-SW-7	10.00	ut	93-PT-031		
25212-20971	C5.11		PIPE-TO-REDUCER		PT	93-UT-120		
079	C-F-1	SIL	SIL-501-1-5W-8	6.00	UT	93-PT-031		
25212-20971	C5.11		REDUCER-TO-PIPE		PY	93-UT-131		
079	C-F-1	SIL	SIL-501-1-SW-9	6.00	UT	93-PT-031		UT INDICATION DETERMINED TO BE GEOMETRY
25212-20971	C5.11		PIPE-TO-ELBOW		PT	93-UT-132		
						93-UT-147		
						93-UT-151,2		
						93-UT-157		
079	C-F-1	SIL	SIL-502-1-SW-10	6.00	UT	93-PT-032		
25212-20971	C5.11		PIPE-TO-ELBOW		PT	93-UT-144		
079	C-F-1	SIL	SIL-502-1-SW-9	6.00	UT	93-PT-032		
25212-20971	C5,11		ELBOW-TO-PIPE		PT	93-UT-143		
079	C-F-1	SIL	SIL-9-FW-1	6.00	UT	93-PT-030	93-027	PT INDICATIONS NOTED - ACCEPTABLE
25212-20971	C5.11		PIPE-TO-VALVE (V-7)		PT	93-UY-124		
						93-UT-141		
079	C-F-1	SIL	S1L-9-FW-2^	10.00	UT	93-PT-070		
25212-20971	C5.11		PENETRATION-TO-PIPE #93		PT	93-UT-162		
			RELIEF REQUEST: IR-12					
079	C-F-1	SIL	SIL-9-FW-3	6.00	UT	93-PT-031		
25212-20971	C5.11		PIPE-TO-VALVE (V-6)		PT	93-UT-127		

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
C-F-1 EXAMINATION CATEGORY

OPT	ONE DWG/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET UIR	COMMENTS
091	)91	C-F-1	SIL	S1L-38-FW-4	6.00	UT	93-PT-033	
25212-20868 C5.11 PIPE-TO-ELBOW PT 93-UT-122  001 C-F-1 SIL SIL-501-2-SW-3 6.00 UT 93-PT-033 25212-20868 C5.11 EBOW-TO-PIPE PT PT 93-UT-123  007 C-F-1 QSS QSS-3-1-LS-1 12.00 UT 93-PT-005 25212-20874 C5.12 EBOW LONG SEAM PT 93-UT-027  007 C-F-1 QSS QSS-3-1-LS-2 12.00 UT 93-PT-005 25212-20874 C5.12 ELBOW LONG SEAM PT 93-UT-028  007 C-F-1 QSS QSS-3-1-LS-3 12.00 UT 93-PT-005 25212-20874 C5.12 ELBOW LONG SEAM PT 93-UT-029  007 C-F-1 QSS QSS-3-1-LS-4 PIPE LONG SEAM PT 93-UT-029  007 C-F-1 QSS QSS-3-1-LS-4 PIPE LONG SEAM PT 93-UT-029  007 C-F-1 QSS QSS-3-1-LS-5 PT 93-PT-005 25212-20874 C5.12 ELBOW LONG SEAM PT 93-UT-030  007 C-F-1 QSS QSS-3-1-LS-5 PT 93-PT-009 25212-20874 C5.12 ELBOW LONG SEAM PT 93-UT-031  007 C-F-1 QSS QSS-3-1-LS-5 PT 93-UT-031  007 C-F-1 QSS QSS-3-1-LS-6 PT 93-UT-031  007 C-F-1 QSS QSS-3-1-LS-6 PT 93-UT-032  007 C-F-1 QSS QSS-3-1-LS-6 PT 93-UT-032  007 C-F-1 QSS QSS-3-1-LS-6 PT 93-UT-032	25212-20868	c5.11		VALVE-TO-PIPE (V-6)		PT	93-UT-121	
091	191	C-F-1	SIL	SIL-501-2-SW-2	6.00	UT	93-PT-033	
25212-20868 C5.11 ELBOW-TO-PIPE PT 93-UT-123  297	25212-20868	C5.11		PIPE-TO-ELBOW		PT	93-UT-122	
097	091	C-F-1	SIL	SIL-501-2-SW-3	6.00	UT	93-PT-033	
25212-20874 C5.12 PIPE LONG SEAM PT 93-UT-027  097	25212-20868	CS.11		ELBOW-TO-PIPE		PT	93-UT-123	
097	97	C-F-1	QSS	QSS-3-1-LS-1	12.00	UT	93-PT-005	
25212-20874 C5.12 ELBOW LONG SEAM PT 93-UT-028  097	25212-20874	CS.12		PIPE LONG SEAM		PT	93-UT-027	
097	097	C-F-1	ess	QSS-3-1-LS-2	12.00	UT	93-PT-005	
25212-20874 C5.12 ELBOW LONG SEAM PT 93-UT-029  097	25212-20874	C5.12		ELBOW LONG SEAM		PT	93-UT-028	
097	097	C-F-1	QSS	QSS-3-1-LS-3	12.00	UT	93-PT-005	
25212-20874 C5.12 PIPE LONG SEAM PT 93-PT-009 93-UT-030  097	25212-20874	C5.12		ELBOW LONG SEAM		PT	93-UT-029	
93-UT-030  097	097	C-F-1	QSS	QSS-3-1-LS-4	12.00	UT	93-P1-005	
097	25212-20874	C5.12		PIPE LONG SEAM		PT		
25212-20874 C5.12 ELBOW LONG SEAM PT 93-UT-031  097							93-01-030	
097	097	C-F-1	QSS	QSS-3-1-LS-5	12.00	UT	93-PT-009	
25212-20874 C5.12 ELBOW LONG SEAM PT 93-UT-032  097 C-F-1 QSS QSS-3-1-LS-7 12.00 UT 93-PT-009	25212-20874	C5.12		ELROW LONG SEAM		PT	93-UT-031	
097 C-F-1 QSS QSS-3-1-LS-7 12.00 UT 93-PT-009	097	C-F-1	QSS	QSS-3-1-LS-6	12.00	UT	93-PT-009	
	25212-20874	C5.12		ELBOW LONG SEAM		PT	93-UT-032	
25212-20874 C5.12 PIPE LONG SEAM PT 93-PT-014	097	C-F-1	QSS	QSS-3-1-LS-7	12.00	UT	93-PT-009	
	25212-20874	C5.12		PIPE LONG SEAM		PT	93-PT-014	

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
C-F-1 EXAMINATION CATEGORY

ONE WG/P&ID	EXAM CAT. & ITEM NO		COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET	UIR	COMMENTS
97	C-F-1	988	QSS-3-1-SW-C	12.00	UT	93-PT-005		71% UT COVERAGE
5212-20874	C5.11		PIPE-TO-ELBOW		PT	93-UT-026		
97	C-F-1	QSS	QSS-3-1-SW-D	12.00	UT	93-PT-006	93-007	76% UT COVERAGE, PT INDICATIONS NOTED - ACCEPTABLE
5212-20874	C5.11		ELBOW-TO-PIPE		PT	93-UT-025		
97	C-F-1	QSS	QSS-3-1-SW-E	12.00	UT	93-PT-009		77% UT COVERAGE
5212-20874	C5.11		PIPE-TO-ELBOW		PT	93-UT-024		
97	C-F-1	QSS	QSS-3-1-SW-F	12.00	UT	93-PT-009		71% UT COVERAGE
5212-20874	C5.11		FL-TO-PIPE (ADD EXAM REQ: LONG SI	EAMS 6 & 7	7) PT	93-UT-023		
97	C-F-1	QSS	QSS-3-1-SW-G	12.00	UT	93-PT-014		70% UT COVERAGE
5212-20874	C5.11		PIPE-TO-ELBOW		PT	93-UT-041		
97	C-F-1	QSS	QSS-3-2-LS-10	12.00	UT	93-PT-009		
5212-20874	C5.12		ELBOW LONG SEAM		PT	93-UT-035		
97	C-F-1	QSS	QSS-3-2-LS-11	12.00	UT	93-PT-011	93-013	PT INDICATIONS NOTED - ACCEPTABLE
5212-20874	C5.12		PIPE LONG SEAM		PT	93-UT-036		
197	C-F-1	QSS	9SS-3-2-LS-9	12.00	UT	93-PT-009		
5212-20874	C5.12		ELBOW LONG SEAM		PT	93-UT-034		
97	C-F-1	QSS	QSS-3-2-SW-C	12.00	UT	93-PT-012	93-014	72% UT COVERAGE, PT INDICATIONS NOTED - ACCEPTABLE
5212-20874	C5.11		ELBOW-TO-PIPE		PT	93-UT-043		
197	C-F-1	QSS	QSS-3-4-LS-10	12.00	UT	93-PT-007		
5212-20874	C5.12		ELBOW LONG SEAM		PT	93-UT-037		

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
C-F-1 EXAMINATION CATEGORY

ZONE DWG/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET UIR	COMMENTS
097	C-F-1	QSS	QSS-3-4-LS-11	12.00	UT	93-PT-007	
25212-20874	C5.12		ELBOW LONG SEAM		PT	93-UT-038	
097	C-F-1	QSS	QSS-3-4-LS-12	12.00	UT	93-PT-007	
25212-20674	C5.12		ELBOW LONG SEAM		PT	93-UT-039	
997	C-F-1	QSS	QSS-3-4-LS-13	12.00	UT	93-PT-007	
25212-20874	C5.12		ELBOW LONG SEAM		PT	93-UT-040	
097	C-F-1	QSS	QSS-3-4-SW-F	12.00	UT	93-PT-007	75% UT COVERAGE
25212-20874	c5.11		PIPE-TO-ELBOW		PT	93-UT-044	
097	C-F-1	Q55	QSS-3-4-5W-G	12.00	UT	93-PT-007	74% UT COVERAGE
25212-20874	C5.11		ELBOW-TO-PIPE		PT	93-UT-045	
097	C-F-1	QSS	QSS-3-4-SW-H	12.00	UT	93-PT-007	76% UT COVERAGE
25212-29874	c5.11		PIPE-TO-ELBOW		PT	93-UT-046	
097	C-F-1	QSS	QSS-3-5-LS-2	12.00	UT	93-PT-008	
25212-20874	C5.12		ELBOW LONG SEAM		PT	93-UT-069	
097	C-F-1	QSS	QSS-3-5-LS-3	12.00	UT	93-PT-008	
25212-20874	C5.12		ELBOW LONG SEAM		PT	93-UT-070	
097	C-F+1	QSS	QSS-3-5-LS-4	12.00	UT	931-008	
25212-20874	C5.12		PIPE LONG SEAM		PT	93-UT-071	
097	C-F-1	QSS	QSS-3-5-LS-5	12.00	UT	93-PT-008	
25212-20874	C5.12		ELBOW LONG SEAM		PT	93-UT-072	

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
C-F-1 EXAMINATION CATEGORY

CONE DWG/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET U	IR	COMMENTS
097	C-F-1	oss	QSS-3-5-LS-6	12.00	UT	93-PT-008		
25212-20874			ELBOW LONG SEAM		PT	93-UT-073		
097	C-F-1	QSS	QSS-3-FW-28	12.00	UT	93-PT-014		78% UT COVERAGE
5212-20874	C5.11		ELBOW-TO-PIPE (ADD EXAM REQ: QSS-3	-2-LS-8)	PT	93-UT-042		
97	C-F-1	QSS	QSS-3-FW-4J-MR	12.00	UT	93-PT-007		75% UT COVERAGE
25212-29874	C5.11		EL-TO-PIPE (ADD REQ: LONGSEAMS 12	& 13)	PT	93-UT-047		
097	C-F-1	QSS	QSS-3-FW-5DR	12.00	UT	93-PT-008		
25212-20874	C5.11		ELBOW-TO-PTPE		PT	93-UT-081		
097	C-F-1	QSS	QSS-3-FW-5ER	12.00	UT	93-PT-008		
25212-20874	C5.11		PIPE-TO-EL (ADD EXAM REQ:LONGSEAMS	4,5,& 6)	PT	93-UT-080		
098	C-F-1	QSS	QSS-1-1-LS-1	12.00	UT	93-PT-010		
25212-20875	C5.12		ELBOW LONG SEAM		PŢ	93-UT-074		
098	C-F-1	QSS	QSS-1-1-LS-2	12.00	UT	93-PT-010		
25212-20875	c5.12		ELBOW LONG SEAM		PT	93-UT-075		
098	C-F-1	QSS	QSS-1-1-LS-7	12.00	UT	93-PT-023		
25212-20875	c5.12		ELBOW LONG SEAM		PT	93-UT-103		
098	C-F-1	QSS	QSS-1-1-LS-8	12.00	UT	93-PT-023		
25212-20875	C5.12		ELBOW LONG SEAM		PT	93-UT-104		
098	C-F-1	QSS	QSS-1-1-LS-9	12.00	UT	93-PT-023		
25212-20875	C5.12		PIPE LONG SEAM		PT	93-UT-105		

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
C-F-1 EXAMINATION CATEGORY

ZONE DWG/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET UIR	COMMENTS
098	C-F-1	QSS	QSS-1-1-SW-C	12.00	ur	93-PT-023	70% UT COVERAGE
25212-20875	C5.11		ELBOW-TO-PIPE		PT	93-UT-102	
098	C-F-1	QSS	QSS-1-2-LS-1	12.00	UT	93-PT-013	
25212-20875	c5.12		PIPE LONG SEAM		PT	93-UT-076	
098	C-F-1	QSS	QSS-1-2-LS-2	12.00	UT	93-PT-013	
25212-20875	C5.12		ELBOW LONG SEAM		PT	93-UT-077	
098	C-F-1	QSS	QSS-1-2-LS-3	12.00	UT	93-PY-013	
25212-20875	C5.12		ELBOW LONG SEAM		PT	93-UT-078	
098	C-F-1	QSS	QSS-1-2-LS-4	12.00	UT	93-PT-013	
25212-20875	C5.12		PIPE LONG SEAM		PT	93-PT-010	
						93-UT-079	
098	C-F-1	QSS	QSS-1-2-SW-B	12.00	UT	93-PT-013	75% UT COVERAGE
25212-20875	C5.11		ELBOW-TO-PIPE		PT	93-UT-083	
098	C-F-1	QSS	QSS-1-2-SW-C	12.00	UT	93-PT-013	73% UT COVERAGE
25212-20875	C5.11		PIPE-TO-ELBOW		PT	93-UT-084	
098	C-F-1	QSS	QSS-1-4-LS-7	12.00	UT	93-PT-023	
25212-20875	C5.12		ELBOW LONG SEAM		PT	93-UT-107	
098	C-F-1	QSS	QSS-1-4-LS-8	12.00	UT	93-PT-023	
25212-20875	C5.12		ELBOW LONG SEAM		PT	93-UT-108	
098	C-F-1	QSS	QSS-1-4-LS-9	12.00	UT	93-PT-023	
25212-20875	C5 12		TEE LONG SEAM		PT	93-UT-109	

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
C-F-1 EXAMINATION CATEGORY

ZONE DWG/P&ID	EXAM CAT. & ITEM NO		COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET UIR	COMMENTS
098	C-F-1	QSS	QSS-1-4-SW-C	12.00	UT	93-PT-023	74% UT COVERAGE
25212-20875	C5.11		ELBOW-TO-TEE		PT	93-UT-106	
098	C-F-1	QSS	QSS-1-FW-1	12.00	UT	93-PT-010	75% UT COVERAGE
25212-20875	C5.11		PIPE-TO-ELBOW		PT	93-UT-082	

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
C-F-2 EXAMINATION CATEGORY

ZONE DWG/P&ID			COMPONENT OR WELD  IDENTIFICATION SI	IZE E	(AM	DATA SHEET U	IR.	COMMENTS	
058	C-F-Z	MS	MSS-503-4-LS-2 30	0.00 U		93-UT-111	44,		
25212-20960	C5.52		LONG SEAM	М		93-MT-041			
058	C-F-2	MS	MSS-503-4-LS-3 30	0.00 U		93-UT-112			
25212-20960	C5.52		LONG SEAM	N		93-MT-041			
058	C-F-2	MS	MSS-503-4-LS-4 30	0.00 U		93-UT-110			
25212-20960	C5.52		LONG SEAM FROM CIRC WELD MSS-503-FW-4	4-3M M		93-MT-041			
058	C-F-2	MS	MSS-503-FW-4-3M 30	0.00 U		93-UT-113			
25212-20960	C5.51		EL-TO-PIPE (ADD REQ: LONGSEAMS 2,3,&	4) H		93-MT-041			
058	C-F-2	MS	MSS-503-FW-6-3H 30	0.00 U	1	93-UT-116			
25212-20960	C5.51		PIPE-TO-PIPE (ADD REQ: LONGSEAMS 11 8	& 12) M		93-MT-041			
058	C-F-2	MS	MSS-503-FW-6-LS-11 30	0.00 U	ī	93-UT-115			
25212-20960	C5.52		LONG SEAM F/CIRC MSS-503-FW-6-3M TO I	FW-29 E		93-MT-041			
058	C-F-2	MS	MSS-503-FW-6-LS-12 36	0.00 U		93-UT-114			
25212-20960	C5.52		LONG SEAM F/CIRC MSS-503-FW-6-3M TO	FW-17 M		93-MT-041			
060	C-F-2	MS	MSS-501-FW-6^ 3	0.00 U		93-MT-044			
25212-20962	C5.51		PIPE-TO-PENETRATION	N		93-UT-129 93-UT-130			
065	C-F-2	FWS	FWS-23A-FW-125	6.00 R	T	93-RT-027		PSI	
25212-20964	c5.51		REDUCING ELBOW-TO-NOZZLE	×		93-RT-033			
						93-RT-037 93-MT-091			

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
C-F-2 EXAMINATION CATEGORY

ZONE DWG/P&ID	EXAM CAT. & ITEM NO		COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET UIR	COMMENTS
065	C-F-2	FWS	FWS-23A-FW-126	20.00	UT	93-RT-028	PSI
25212-20963	C5.51		PIPE-TO-REDING ELBOW		MT	93-RT-034	
					RT	93-MT-093	
						93-UT-177,8	
						UT-180,1,2	
066	C-F-2	FWS	FWS-21-FW-49	16.00	UT	93-RT-9,10	PS1
25212-20964	C5.51		PIPE-TO-REDUCING ELBOW		MT	93-RT-011	
					RT	93-MT-076	
						UT-195,7,8	
						93-UT-201	
066	C-F-2	FWS	FWS-21-FW-50	16.00	UT	93-RT-5,7,8	PSI
25212-20964	C5.51		PIPE-TO-NOZZLE		MT	93-RT-6	
					RT	93-MT-075	
						93-UT-196,9	
						93-UT-200,2	
067	C-F-2	FWS	FWS-22A-FW-38	16.00	UT	93-MT-073	PSI
25212-20965	c5.51		PIPE-TO-NOZZLE		MT	93-RT-12,13	
					RT	93-RT-16	
						93-UT-203,4	
						UT-206,7,10	
067	C-F-2	FWS	FWS-22A-FW-39	16.00	UT	93-MT-073	PSI
25212-20965	C5.51		PIPE-TO-PIPE		MT	93-RT-014	
					RT	93-RT-015	
						93-UT-205,8	
						UT-209,11	

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
C-F-2 EXAMINATION CATEGORY

ONE WG/P&ID	EXAM CAT. & ITEM NO		COMPONENT OR WELD IDENTIFICATION	SIZE	EX24	DATA SHEET	UIR	COMMENTS
68	C-F-2	FWS	FWS-25-FW-71	16 Cu	MT	93-RT-030		PSI
212-20966	C5.51		REDUCING ELBOW TO NOZZLE		RT	93-RT-032		
						93-RT-035		
						93-MT-092		
	C-F-2	FWS	FWS-25-FW-72	20.00	UT	93-RT-031		PSI
12-20966	C5.51		PIPE-TO-REDUCING ELBOW		MT	93-RT-036		
					RT	93-MT-094		
						93-UT-176,9		
						UT-183,4,5		
	C-F-2	FWS	FWS-13-FW-13^	20.00	UT	93-MT-037		
12-20980	C5.51		PIPE-TO-PENETRATION		MT	93-UT-064		
	C-F-2	FWS	FWS-15-FW-10^	16.00	UT	93-MT-005	93-008	MT INDICATIONS HOTED - ACCEPTABLE
12-20981	C5.51		VALVE-TO-PIPE		MT	93-MT-011		
						93-UT-094		
	C-F-Z	FWS	FWS-15-FW-11^	18.00	UT	93-MT-004		
12-20981	C5.51		PIPE-TO-VALVE (V-34)		MT	93-UT-009		
	C-F-2	FWS	FWS-15-FW-13^	20.00	UT	93-MT-009		
212-20981	C5.51		PIPE-TO-PENETRATION		MT	93-UT-003		
1	C-F-2	FWS	FWS-15-FW-7-BM^	16.00	UT	93-MT-004		AREA BELOW MIN. WALL - ACCEPTABLE
5212-20981	C5.51		PIPE-TO-REDUCER		MT	93-UT-007	93-011	
,	C-F-2	FWS	FWS-15-FW-7-CM^	18.00	UT	93-MT-004		
212-20981	C5.51		REDUCER-TO-PIPE		MT	93-UT-008		

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
C-F-2 EXAMINATION CATEGORY

ONE DWG/P&ID	EXAM CAT. & ITEM NO	SYS	COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET	UIR	COMMENTS
372	C-F-2	FWS	FWS-17-FW-63	8.00	UT	93-MT-087		PSI, UT INDICATION NOTED - ACCEPTABLE
5212-20982	C5.51		PIPE-TO-ELBOW		MT	93-01-186,8		
						93-UT-190,2		
						93-UT-194	93-048	
172	C-F-2	FWS	FWS-17-FW-64	8.00	UT	93-MT-088	93-045	PSI, UT INDICATIONS ACCEPTABLE, PT REMOVED BY CLEANING
5212-20982	05.51		ELBOW-TO-PIPE		MT	93-MT-089		
						93-UT-187,9		
						93-UT-191,3	93-047	
						93-UT-175		

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# TABLE 5-1 MILLSTONE UNIT 3 - 1993 SUMMARY REPORT F-A EXAMINATION CATEGORY

ZONE DWG/P&ID	EXAM CAT. & ITEM NO	COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	AM DATA SHEET UIR COMMENTS
097	F-A	QSS-P38-SUPPORT PUMP SUPPORT		VT-3	-3 93-VT-008
098	F-A	QSS-P3A-SUPPORT PUMP SUPPORT		VT-3	-3 93-VT-008

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### TABLE 5-1 MILLSTONE UNIT 3 - 1993 SUMMARY REPORT F-B EXAMINATION CATEGORY

ZONE DWG/P&ID	EXAM CAT. & ITEM NO		COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET UIR	COMMENTS
170H	F-B FB_CL3	SWP	3-SWP-6-PSR212	0.00	VT-3	93-VT-007	
176H	F-8 F8_CL3	SWP	3-SWP-4-PSR112	0.00	VT-3	93-VT-036	

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TABLE 5-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
F-C EXAMINATION CATEGORY

ZONE DWG/P&ID	EXAM CAT. & ITEM NO	SYS	COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	DATA SHEET	UIR	COMMENTS
068н	FC_CL2	FUS	3-FWS-1-PSSH010^	0.00	VT-3 VT-4	93-VT-038		
177н	F-C FC_CL3	SWP	3-SMP-4-PSR126	0.00	VT-3	93-VT-026		ADDITIONAL EXAMINATION
177н	F-C FC SL3	SWP	3-SWP-4-PSR132	0.00	VT-3	93-VT-001 93-VT-039 93-VT-042	93-001	REPAIRED
177н	F-C FC_CL3	SWP	3-SWP-4-PSR133	0.00	VT-3	93-VT-025		ADDITIONAL EXAMINATION
177н	F-C FC_CL3	SWP	3-SWP-4-PSSH131	0.00	VT-3 VT-4		93-033	ADDITIONAL EXAMINATION, SPRING CAN SETTING - ACCEPTABLE

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#### 6. PRESSURE TEST SUMMARY

#### 6.1 Inservice Inspection

Included in this section is Table 6-1 which identifies those pressure tests that were performed this outage as delineated in the Millstone Unit 3 Inservice Inspection Program Plan. Included in the table is the Automated Work Order number under which each test was completed. Where corrective action was required, retests were completed satisfactorily.

#### 6.2 Preservice Inspection

As allowed by ASME Boiler and Pressure Vessel Code, Code Case N-416 the hydrostatic test required by IWA-4400 has been deferred, for the 8 new C-F-2 welds inside containment, until the system hydrostatic test scheduled for the end of the inspection interval. The 2 new welds outside containment received a hydrostatic test as required (see Section 10).

TABLE 6-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
B-P EXAMINATION CATEGORY

ZONE DWG/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	AWO NUMBER	UIR	COMMENTS
25212-26802 SH 1,2,3	8-P 815.50	RCS	CLASS 1 PIPING (1) PRESSURE RETAINING BOUNDRY - CLASS			M3-93-20860		
25212-26802 SH 1,2,3	B-P B15.70	RCS	CLASS 1 VALVES (1) PRESS RETAIN BOUNDARY-RC ISO V1,2,3		VT-2	M3-93-20860		
25212-26802 SH 1,2,3	8-P 815.20	RCS	PRESSURIZER (1) PRESSURE RETAINING BOUNDRY	0.00	VT-2	M3-93-20860		
25212-26802 SH 1,2,3	8-P 815.60	RCS	REACTOR COOLANT PUMP (1) PRESSURE RETAINING BOUNDRY - RC PUM			M3-93-20860		
25212-26802 SH 1,2,3	8-P 815.10	RCS	REACTOR VESSEL (1) PRESSURE RETAINING BOUNDRY	0.00	VT-2	M3-93-20860		
25212-26802 SH 1,2,3	8-P 815.30	RCS	STEAM GENERATORS (1) PRESSURE RETAINING BOUNDRY	0.00	VT-2	M3-93-20860		

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TABLE 6-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
C-H EXAMINATION CATEGORY

ME MG/P&ID			COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	AWO NUMBER	UIR	COMMENTS
5212-26813 SH 1,2	C-H C7.30	SIH	FUNCTIONAL TEST (1) SYSTEM PRESSURE TEST BOUNDRY	0.00	VT - 2	M3-93-13754		
	C-H		FUNCTIONAL TEST (10)	0.00	VT-2	M3-93-13753		
212-26812 SH 1	C7.30		PRESSURE RETAINING BOUNDRY					
	C-H	FWA	FUNCTIONAL TEST (2)	0.00	VT-2	M3-93-13762		
3212-26830 SH 2	C7.30		PRESSURE RETAINING BOUNDRY					
		uer	FUNCTIONAL TEST (3)	0.00	W7.7	WT. 01, 11740		
212-26804 SH 1	C-N C7.30		PRESSURE RETAINING BOUNDRY	0,00	41-2	N3-73-13100		
25212-26813 SH 13			PRESSUR REPARTS MOUNTAIN					
	C-H	SIL	FUNCTIONAL TEST (4)	0.00	VT-Z	M3-93-13753		
212-26812 SH 1,2	C7.30		PRESSURE RETAINING BOUNDRY					
	C-8	055	FUNCTIONAL TEST (5)	0.00	V7-2	M3-93-13764		
5212-26815 SH 1	c7.30		PRESSURE RETAINING BOUNDRY					
		220	FUNCTIONAL TEST (6)	0.00	VT-2	M3-03-13763		
5212-26812 SH 3	C7.30		PRESSURE RETAINING BOUNDRY					
	С-н	CHC	INSERVICE TEST (1)	0.00	VT-2	M3-Q3-13760		
5212-26804 SH 1,2,3,4		una	PRESSURE RETAINING BOUNDRY	-100		72 13100		
		FWS	INSERVICE TEST (2)	0.00	VT-2	M3-93-13751		
212-26830 SH 3,4	c7.30		PRESSURE RETAINING BOUNDRY					
		***	INSERVICE TEST (3)	0.00	VT-2	M3-93-14597		
	C-H	MS	INSERVICE (ES) (F)	V×40	W1 64	the Na Theat		

Report: akpress

File: akview

Index: q-ak93pres/s-cat/zone/id

### TABLE 6-1 MILLSTONE UNIT 3 - 1993 SUMMARY REPORT P-A EXAMIN: ION CATEGORY

Report: akpress File: akview

Index: q-ak93pres/s-cat/zone/id

TABLE 6-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
D-B EXAMINATION CATEGORY

ZONE DWG/P&ID	EXAM CAT. & ITEM NO		COMPONENT OR WELD IDENTIFICATION	SIZE	EXAM	AWO NUMBER	UIR	COMMENTS
	D-8	CCI	FUNCTIONAL TEST (8)	0.00	VT-2	M3-93-13797		
25212-26814 SH 1	02.10		PRESSURE RETAINING BOUNDRY					
	D-8	CCE	FUNCTIONAL TEST (9)	0.00	VT-2	M3-93-13798		
25212-26804 SH 2	02.10		PRESSURE RETAINING BOUNDRY					
	D-B	CCP	INSERVICE TEST (4)	0.00	VT-2	M3-93-13796		
25212-26821 SH 1,2	01.10		PRESSURE RETAINING BOUNDRY					
	D-B	CHS	INSERVICE TEST (5)	0.00	VT-2	M3-93-13760		
25212-26804 SK 2,3	02.10		PRESSURE RETAINING BOUNDRY					
	0-3	SWP	INSERVICE TEST (6)	0.00	VT-2	M3-93-13791		
25212-26833 SH 1,2	01.10		PRESSURE RETAINING BOUNDRY					

Report: akpress File: akview

Index: q-ak93pres/s-cat/zone/id

### TABLE 6-1 MILLSTONE UNIT 3 - 1993 SUMMARY REPORT D-C EXAMINATION CATEGORY

Report: akpress File: akview

Index: q-ak93pres/s-cat/zone/id

#### 7. PROCEDURES

Included in this section is table 7-1 which lists the NDE procedures used in the conduct of the examinations and tests reported on in this summary report.

# TABLE 7-1 MILLSTONE UNIT 3 - 1993 SUMMARY REPORT NDE PROCEDURE LIST

Procedure No	Rev No	Procedure Title
EN 31063	5	Preparation and Performance of Pressure Tests
ISI-70	2	Westinghouse Magnetic Particle Examination Procedure
ISI-8	9	Westinghouse Visual Examination Procedure
NU-ET-5	0	Eddy Current Examination of 300 Series Stainless
NU-LP-1	10	Liquid Penetrant Examination-Color Contrast Solvent Removable
NU-MP-1	9	Magnetic Particle Examination Procedure Yoke Method
NU-RT-1	4	Radiographic Examination
NU-VT-1	10	Visual Examination
RT-002	6	Cramer & Lindell Radiographic Examination Sup. Rev. 0
UT-1&11	3	Ultrasonic Examination Procedure for L-Wave Butt Weld Examinations
UT-1&2	9	Ultrasonic Examination Procedure for Austenitic and Dissimilar Metal Piping Welds
UT-1&3	7	Ultrasonic Examination Procedure for Ferritic Piping Welds
UT-1&6	3	Ultrasonic Examination-Reactor Coolant Pump Flywheels, MP3

Report: akproc

#### 8. PERSONNEL

Included in this section is table 8-1 which provides a list of personnel and their qualifications for those individuals involved in the examinations and tests reported on in this summary report.

TABLE 8-1
MILLSTONE UNIT 3 - 1993 SUMMARY REPORT
ABB AMDATA NDE PERSONNEL LIST

ABBOTT, JOHN BREHLER, MICHAEL	I			A LEGISTRA				
BREHLER, MICHAEL			II	II	II	II	II	
	I			II		II		
DOTSON, MARK	IIR	I	II					
GARCIA, ALVARO	I			II	II	II	II	
GENTRY, CHARLES	II	II	II	II	II	II	II	
GRIGSBY, JEFFERY	II	II	II	II	II	II	II	
GUNNELS, WARREN	II	II	II					
HALL, SCOTT	II							
HECHT, JEFFREY	III	II	II	II	II	II.	11	
HURST, THOMAS	II	II	II	II	II	II	II	
NANCE, KENNETH		IIL	IIL	II	II	II	II	
NEWBOLD, S. W.	I	III	III	II	II	II	II	
POOLER, GERALD	II		II					
RHODES, BARRY	I							
SANDEN, BENJAMIN	I							
SCHMALZ, SCOTT			II	II	II	II	II	
SHAW, CLAYTON	II							
SISK, RICHARD	I	II	II	II		II		
SMITH, KENNETH	II		II	II	II	II	II	
SUMMERFORD, DANIEL	II	II		II		II		
TALBOT, PAUL	I	IIL	IIL					
U'REN, THOMAS	II	II	II	II	II	II	II	
WILLIAMS, STEPHEN	II		II					
WINGFIELD, THIMOTHY	II	II	II	II	II	II	II	
WOLLUM, STEVEN	I	IIL	IIL					

Report: akpers

# TABLE 8-1 MILLSTONE UNIT 3 - 1993 SUMMARY REPORT CRAMER & LINDELL NDE PERSONNEL LIST

NAME	UT N	MT PT	VT-1 VT-2	VT-3 VT-4 R	T ET
JACOBSON, JOHN				I	
KESSINGER, ALTON				I	I
MALIA, MARK				I	I
MCCAUSLAND, DAVID				I	I
MOSTOWY, RAYMOND				I	1
NEIDIG, PAUL				I	I
SMITHERS, ED				I	I
THUOTTE, ROGER				I	II
WAITKUS, DAVE				1	I

# TABLE 8-1 MILLSTONE UNIT 3 - 1993 SUMMARY REPORT EBASCO SERVICES, INC. NDE PERSONNEL LIST

NAME	UT	MT	PT	VT-1	VT-2	VT-3	VT-4	RT	ET
CHABOTTE, WIL J		IIR	IIR	II	II	II	II		
CHIEKA, STAN				II	II	II	II		
DUPLANTIS, SCOTT	II	II	II	II	II	II	II		
ROBBINS, DONNA	III	IIR	IIIR	II	II	II	II		
ROBBINS, MIKE	III	II	IIIR	III	III	III	III		
ZIEBER, RICK	IIR	IIR	III	III	III	III	III		

Report: akpers

# TABLE 8-1 MILLSTONE UNIT 3 - 1993 SUMMARY REPORT NUSCO NDE PERSONNEL LIST

NAME	UT	MT	PT	VT-1	VT-2	VT-3	VT-4	RT	ET
FULLER, RICH	III								
MACIVER, JOHN		II	II	II	II	II	II		
PFANNENSTIEL	III	III	III					III	
WITTM R BERT									III

# TABLE 8-1 MILLSTONE UNIT 3 - 1993 SUMMARY REPORT WESTINGHOUSE NDE PERSONNEL LIST

NAME	UT	MT	PT	VT-1	VT-2	VT-3	VT-4	RT	ET
CASSAT, R. S.				II	II	II	II		
HALLEY, W. G.		II							

### 9. EQUIPMENT AND MATERIAL LISTS

Included in this section are lists of calibration blocks, equipment and consumable materials used in the conduct of the examinations and tests reported on in this summary report. The following tables are included:

Table	Title
9-1	Calibration Block List
9-2	Ultrasonic Instrument List
9-3	Ultrasonic Transducer List
9-4	Magnetic Particle Instrument List
9-5	Ultrasonic Material List
9-6	Liquid Penetrant Material List
9-7	Magnetic Particle Material List

TABLE 9-1 MILLSTONE UNIT 3 - 1993 SUMMARY REPORT CALIBRATION BLOCK LIST

Cal Block ID	Diameter	Thickness	Heat No	System Use/Material
M1-UT-30 (P)	6.00	0.459	L02478	Piping A-106 GR. B
M3-UT-22	6.00	0.719	0631-29-2	CLASS 1 PIPING SA-376 TP 316
M3-UT-24	10.00	1.125	1091-5-1-2	CLASS 1 PIPING SA-376 TP 316
M3-UT-25	10.00	1.000	1081-44-1	CLASS 1 PIPING SA-376 TP 316
M3-UT-29		4.000	A-0159-5	RCP Flywheel A516 GR 70
M3-UT-32	30.00	1.250	89626	Main Steam Piping SA155 CL.1 GR.KC70
M3-UT-35	20.00	1.281	N37344	Feedwater Piping SA106 GR,B
M3-UT-36	18.00	1.156	N52510	Feedwater Piping SA106 GR,B
M3-UT-37	16.00	1.031	N16677	Feedwater Piping SA106 GR,B
M3-UT-38	8.00	0.594	26737	MS & AUX FW Piping SA106 GR,B
UTLW-3		1.500		Thin Wall Cl 2 Pipin 304 SS

Report: akutblk

# TABLE 9-2 MILLSTONE UNIT 3 - 1993 SUMMARY REPORT ULTRASONIC INSTRUMENT LIST

Manufacturer	Model	Serial Number	
Krautkramer	USK-7D	32810-548	
Krautkramer	USK-7D	32810-821	
Krautkramer	USK-7D	32810-869	
Krautkramer	USK-7D	32810-897	
Krautkramer	USK-7D	32810-923	
Krautkramer	USK-7D	32810-924	
Krautkramer	USK-7D	32810-941	
Krautkramer	USK-7D	32810-949	

Report: akutinst

# TABLE 9-3 MILLSTONE UNIT 3 - 1993 SUMMARY REPORT ULTRASONIC TRANSDUCER LIST

Transducer S/N	Transducer Mfr	Element Size	Frequency (MHz)
24736	KB-A	.25 Dia.	2.25
24739	KB-A	.25 Dia.	2.25
33736	MSEB	.50 Dia.	2.00
33755	KB-A	.375 Dia.	2.25
33774	KB-A	.375 Dia.	2.25
33779	KB-A	.375 Dia.	2.25
33781	KB-A	.375 Dia.	2.25
33790	KB-A	.375 Dia.	2.25
33792	KB-A	.375 Dia.	2.25
45032	KB-A	.50 Dia.	2.25
45111	KB-A	.50 Dia.	2.25
61211	Megasonics	.375 Dia.	4.00
A1210	Harisonic	1.0 Dia.	5.00
A1212	Harisonic	1.0 Dia.	5.00
A20950	KB	.50 Dia.	5.00
A3397	Harisonic	.20 x .40	5.00
B11541	KB	.50 Dia.	2.25
C17331	KB-A	.25 Dia.	5.00
D30138	KB	.375 Dia.	2.25
E22645	KB	.25 Dia.	2.25
F03125	KB	.50 x 1.0	2.25
F18229	KB	.50 Dia.	2.25
F18233	KB	.50 Dia.	2.25
H20520	KB	.50 Dia.	2.25
H30549	KB	.50 Dia.	2.25

Report: akducr

# TABLE 9-3 MILLSTONE UNIT 3 - 1993 SUMMARY REPORT ULTRASONIC TRANSDUCER LIST

Transducer S/N	Transducer Mfr	Element Size	Frequency (MHz)
K02116	KB	.50 Dia.	2.25
K02124	KB	.50 Dia.	2.25
M09190	KB-A	.25 Dia.	5.00

Report: akducr

# TABLE 9-4 MILLSTONE UNIT 3 - 1993 SUMMARY REPORT MAGNETIC PARTICLE INSTRUMENT LIST

Probe Type	Manufacturer	Model Number	Serial Number
Yoke	Parker	B300	4092
Yoke	Parker	B300	4343
Yoke	Parker	B300	4344
Yoke	Parker	B300	6751
Yoke	Magnaflux	Y-6	W04749
	Yoke Yoke Yoke Yoke	Yoke Parker  Yoke Parker  Yoke Parker  Yoke Parker	Yoke Parker B300  Yoke Parker B300  Yoke Parker B300  Yoke Parker B300

Report: akmtinst

# TABLE 9-5 MILLSTONE UNIT 3 - 1993 SUMMARY REPORT ULTRASONIC MATERIAL LIST

Couplant Type	Couplant Mfr	Couplant Batch #
Ultragel II	Echo Ultrasound	092101

Report: akutmat

## TABLE 9-6 MILLSTONE UNIT 3 - 1993 SUMMARY REPORT LIQUID PENETRANT MATERIAL LIST

Description		Penetrant Mfr	Type	Batch #	
Spotcheck	Cleaner/Remover	Magnaflux	SKC-NF	91B02K	
Spotcheck	Cleaner/Remover	Magnaflux	SKC-S	90K04K	
Spotcheck	Developer	Magnaflux	SKD-S2	92J05K	
Spotcheck	Penetrant	Magnaflux	SKL-HF/S	90L02K	

Report: akptmat

# TABLE 9-7 MILLSTONE UNIT 3 - 1993 SUMMARY REPORT MAGNETIC PARTICLE MATERIAL LIST

	Material Type	Manufacturer	Batch #	
-	14AM Prepared Bath	Magnaflux	91A03P	
	20B Magnaglo Powder	Magnaflux	91H050	
	9CM Red Powder	Magnaflux	92L05K	
	8A Red Powder	Magnaflux	93F013	
	14AM Prepared Bath	Magnaflux	93F02K	
	#1 Gray Powder	Magnaflux	93F039	
	20B Magnaglo Powder	Magnaflux	93F066	

Report: akmtmat

#### 10.1 INSERVICE INSPECTION REPAIRS AND REPLACEMENTS

Any defects noted during ISI with dimensions exceeding the acceptance criteria (see Section 5) were identified for repair in accordance with ACP-QA-9.06A, "Inservice Inspection unresolved Indication Reporting".

The defect removal was performed by NNECO in accordance with the appropriate NNECO procedures and Quality Assurance Requirements.

Upon completion of the repair, the area or volume containing the defect was reexamined using the same examination method which was employed when the defect was detected. These reexaminations were performed by ISI personnel.

#### 10.2 ASME, SECTION XI REPAIRS AND REPLICEMENTS

When repairs or replacements of pressure retaining components and their supports were required, they were performed in accordance with ACP-QA-2.18, "ASME Section AI Repair/Replacements".

Section XI repairs or replacements to IWA-4000 or IWA-7000 are sorted by ASME code class. These include replacements and repairs on piping and components conducted since the preceding summary report as shown on the Owner's Report, Form NIS-2.

All records for repairs and replacements required by IWA-6000 are maintained at the Millstone Nuclear Power Station.

# CLASS 1

I. OWNER:

Northeast Utilities Service Co.

Date: 1/14/94

P. O. Box 128, Waterford CT

2. FLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-91-09251

4. SYSTEM:

RCS

CODE CLASS: 1

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S72

Code Edition of Section XI Utilized for work 1983, \$83

#### 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3RCS*SV8010C	Crosby Valve	N56964-07- 0061	N/A	Replacement	Yes

- 7. Description of work: Replaced valve with spare due to steam cutting. Replaced spare valve disk S/N N94210-41-0052
- 8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure <X> Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: 2Rmal

Date: 1-14-94

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 10-31-91 to 1-17-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YORK

Commissions: CT1137

Date: 17 JAN 94

1. OWNER:

Northeast Utilities Service Co.

Date: 1/14/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-19187

4. SYSTEM:

CODE CLASS: 1

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Code Edition of Section XI Utilized for work 1983, S83

#### 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3RCS*RV1	Westinghouse	S-4/B-98212-337-B	N/A	Replacement	No

7. Description of work: Replaced Vessel Flange Stud

8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other < X > MT,UT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

Date: 1-14-94

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 9.3.9.2 to 1.28.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: Eypr

Commissions: CT 1137

Date: 28 yen '94

1. OWNER:

Northeast Utilities Service Co.

Date: 12/13/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address: P. O. Box 128, Waterford CT

M3-93-13185

4. SYSTEM:

RCS

CODE CLASS: 1

5. Applicable Const. Code:

ASME III, Edition: 1974

Addenda: S74

Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3RCS*P1A	Westinghouse	8-1162E93G01	1	Replacement	No

7. Description of work: Replace Seal Housing Bolts. (8-MRIR 387-116-1). Note: Pump was Later Removed and is now a Spare Pump.

8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other < X > VT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Date: 12-14-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 8/5-93 to /.3-93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: Ef CTU37 Commissions: CTU37

1. OWNER:

Northeast Utilities Service Co.

Date: 12/14/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-20844

4. SYSTEM:

RCS

CODE CLASS: 1

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: \$73

Code Edition of Section XI Utilized for work 1983, W85

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3RCS*P1C	J. Dyson #5	\$-1162E93G01	<b>3</b> 19∜	Replacement	Yes

- 7. Description of work: Replace Cartridge Seal Bolting
- 8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < > Other <X> VT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: DR My

Date: 12-15-93

# 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 10/7/93 to 1/31/93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: 07 1/37

Date: 1/3//94

1. OWNER:

Northeast Utilities Service Co.

Date: 12/14/93

P. O. Box 128, Waterford C.

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-91-09407

4. SYSTEM:

RCS

CODE CLASS: 1

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: W72

Code Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components ID Number	Name of Manufacture	Mfrs. S/N.	Nat'l Board		ASME
3RCS*SV8010C	Crosby	N56964-070-0060	A T C	Replacement Replacement	Service and the service and th

- 7. Description of work: Replace Valve with Spare S/N N56964-07-0102
- 8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < X > Other < >

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of

Signed: OR mail

Date: 12-15-93

## 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 7.27.97 to 12.29.97, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: 17137

Date: 12/29/93

1. OWNER:

Northeast Utilities Service Co.

Date: 12/14/93

P. O. Box 128, Waterford C

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-91-09398

4. SYSTEM:

RCS

CODE CLASS: 1

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: W72

Code Edition of Section XI Utilized for work 1983, \$83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components ID Number	Name of	Mfrs.	Nat'l Board	Repair /	ASME
	Manufacture	S/N.	No.	Replacement	Stamped
3RCS*SV8010B	Crosby	0059	N/A	Replacement	Yes

- 7. Description of work: Replace Valve with St an S/N VKI #S/N N56964-07-0061
- 8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < > Other < X >

### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: ORmal

Date: 12-15-93

#### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued 1; the National Board of Boiler and Pressure Vessel Inspectors and the State of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 7.27.97 to /2.29.97, and state that to the best of my knowledge and helief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: \*\*Eyes/

Commissions: 07/137

Date: 12/29/93

1. OWNER:

Northeast Utilities Serv 2 Co.

Date: 12/15/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-13889

4. SYSTEM:

CODE CLASS: 1

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Code Edition of Section XI Utilized for work 1983, W85

#### 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3RCS*P1A	Westinghouse	1-1162E93G01	1	Replace	Yes

- 7. Description of work: Replace Mechanical Seal Housing Bolts
- 8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Date: 12-16-93

#### CERTIFICATE OF INSERVICE INSPECTION

1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 83.93 to 182493, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: CT1137 NIS9384

Date: 12/20/93

1. OWNER:

Northeast Utilities Service Co.

Date: 12/14/93

P. O. Box 128, Waterford CT

2. PLANT:

Milistone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

**AWO Numbers** 

Address: P. O. Box 128, Waterford CT

M3-93-20946

4. SYSTEM:

RCS

CODE CLASS: 1

5. Applicable Const. Code:

ASME III, Edition: 1974

Addenda: \$74

Code Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3RCS*P1C	Westinghouse	3-1162E93G01	3	Replacement	Yes

Description of work: Replace Reactor Coolant Pump Internals with Spare Internal S/N 5-1162E93G02

8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < X >

Other < X > VT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: 2Rmal-

Date: 12-15-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 9.30.93 to 2.1.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: CT137 NR \$784

Date: Oalorlay

Northeast Utilities Service Co. Date: 07/07/92

P.O. Box 128, Waterford CT

2. PLANT: Millstone Nuclear Power Station Unit #3

3. Work Performed By: Betterment Const. AWO Numbers Address: P.O. Box 128, Waterford CT M3-91-09573

4. SYSTEM: RCS

CODE CLASS: 1

- 5. Applicable Const. Code: ASME III, 1971 Edition: S73 Addenda: N/A Case Edition of Section XI Utilized for work 1983, \$83
- 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

	Name of Manufacture	Mfrs No.		Repair/ Replacement	ASME Stamped
3-RCS*SV8010C	Crosby Valve	N/A	0060	Replacement	YES

7. Description of work: Replacement of leaking valve,

8. Test Conducted:

Hydrostatic < > Other  $\langle X \rangle$  (VT-2)

Pneumatic < > Normal Operating Pressure < X>

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement conforms to the rules ASME Code, Section XI

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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 1 Mey 22 to 1Dec 93 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E. You Or

Cor ions: CT/137

Date: / Dec 1993

1. OWNER: Northeast Utilities Service Co. Date: 07/07/92

P.O. Box 128, Waterford CT

2. PLANT: Millstone Nuclear Power Station Unit #3

3. Work Performed By: Betterment Const. AWO Numbers Address: P.O. Box 128, Waterford CT M3-91-08263

4. SYSTEM: RCS CODE CLASS: 1

5. Applicable Const. Code: ASME III, 1971 Edition: S73 Addenda: N/A Case Edition of Section XI Utilized for work 1983.S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

	Name of Manufacture	Mfrs No.		Repair/ Replacement	ASME Stamped
3-RCS*PCV455A	A&G Eng. Inc.	N/A	8M,5AT	Replacement	YES

7. Description of work: Cut off 2 galled studs and 4 galled nuts to allow

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement conforms to the rules ASME Code, Section XI

Signed: 20 Mail

Date: 10-21-43

### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 5/4.92 to 12.1.93 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: Lietyler

Date: 120 1897 (

Commissions: 41137

1. OWNER:	R: Northeast Utilities Service Co. P.O. Box 128, Waterford, CT				10/07-92 1 of 2			
2. PLANT:	Millstone Nuclea	r Power St	ation	Unit 3				
	3. Work Performed By: NNECo Address: P.O. Box 128, Waterford, CT			AWO Numbers MP-92-05828				
4. SYSTEM:	Snubbers (BDG	)		Code	Class 1			
	Const. Code: <u>AS</u> Section XI Utilized				a, N/A Case			
Components	Name of Manufacturer	Serial	Number	AWO#	Repaired/	Code		
3BDG1PSSP0	493 ITT Grinnell	23844	05691	92-05828	Replacement			
8. Test Condu Hydrostati Other < X	the snubber. Whe cted: c < > Pneumati > (Visual)  Snubber 05691 w	c <_> N	ormal Operatin	ng Pressure	<_>			
ASME Code, Se	he statements made	in the report	TE OF COMP are correct and Date: 4-	this REPLA	CEMENT confo	rms to the rules		
Vessel Inspector Insurance and Ir my knowledge a this owner's rep By signing implied, concern Furthermore, ne property damage	CERTIL signed, holding a variance or the State or Proposition during the and belief, the owner ort in accordance withis certificate neither ing the examination of the the Inspector net, or a loss of any kindature:	lid commiss ovince of C period Febra has perforn the requirer the inspec- is and correc- or his empto	onnecticut uary 1, 1991 to 1 ned examinations tements of ASM tor nor his emplo tive measures de over shall be liab	e National Bo and employe May 10, 199 s and taken co E Code, Sect byermakes an escribed in the ole in any man I with this ins	pard of Boiler and by Hartford St., and state that corrective measure ion XI.  by warranty, expended of the Country of the Cou	team Boiler to the best of es described in ressed or rt. sonal injury,		

1. OWNER:

Northeast Utilities Service Co.

Date: 1/14/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-91-01633

4. SYSTEM:

CHS

CODE CLASS: 1

5. Applicable Const. Code:

ASME III, Edition: 1983

Addenda: \$83

Code Edition of Section XI Utilized for work 1983,583

### 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.		Repair /	ASME
ID Number	Manufacture	S/N.		Replacement	Stamped
3CHS*E2	Joesph Oats	2268-3C	947	Replacement	Yes

7. Description of work: Replaced Flange Studs and Nuts

(mrir 391-042-1)\*

8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Date: 1-15-94

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 03-04-91 to01-18-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liab in any manner for any personal injury, property damage, or loss of any kind arising from or conne ... J with this inspection.

Inspector's Signature: E YORK Soul

Commissions: CT1137

Date: 18 JAN' 94

1. OWNER: Northeast Utilities Service Co. Date: 1/5/94

P. O. Box 128, Waterford CT

2. PLANT: Millstone Nuclear Power Station Unit #3

3. Work Performed By: Generation Construction AWO Numbers P. O. Box 128, Waterford CT Address: M3-93-04980

4. SYSTEM: CODE CLASS: 1

5. Applicable Coast. Code: ASME III, Edition: 1971 Addenda: \$73 Case Edition of Section XI Utilized for work 1983, W83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components 1D Number	Name of Manufacture	Mfrs.	Nat'l Board Serial	Repair / Replacement	ASME Stamped
3SIL-1-PSSP1051		N/A	N/A	Repair	No

- 7. Description of work: Modified End Brackets.
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other < X > VT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

Date: 1-6-94

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 82.93 to 1.23.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: Eyer Commissions: CT1137

Date: 1/23/94

1. OWNER:

Northeast Utilities Service Co.

Date: 1/7/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Generation Construction

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-04983 & M3-93-04984

4. SYSTEM:

RCS

CODE CLASS: 1

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Case Edition of Section XI Utilized for work 1983, S83

#### 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components ID Number	Name of Manufacture	Mfrs. S/N.	Nat'l Board Number	Repair / Replacement	ASME Stamped
3-RCS-1-PSSP914	ITT Grinnel	N/A	N/A	Repair	No
3-RCS-1-PSSP1068	ITT Grinnel	N/A	N/A	Repair	No

- 7. Description of work: Modified End Brackets.
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other < X > VT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

Date: 1-7-94

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 8293 to 1.2394, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Commissions: CT1137

Inspector's Signature: Sol

1. OWNER:

Northeast Utilities Service Co.

Date: 1/7/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Generation Construction

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-04978 M3-93-04979

M3-93-04985

4. SYSTEM:

SIH

CODE CLASS: 1

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Case Edition of Section XI Utilized for work 1983,583

### 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components ID Number	Name of Manufacture	Mfrs. S/N.	Nat'l Board Number	Repair / Replacement	ASME Stamped
3-SIH-1-PSSP1032	ITT Grinnel	N/A	N/A	Repair	No
3-SIH-I-PSSP1031	ITT Grinnel	N/A	N/A	Repair	No
3-SIH-I-PSSP1109	ITT Grinnel	N/A	N/A	Repair	No

- 7. Description of work: Modified Support.
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other < X > VT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section X1

Date: 1-7-94

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 82.93 to 1.23.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: CTN37

Date: 1/23/94

1. OWNER:

Northeast Utilities Service Co.

Date: 1/12/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-91-19266

4. SYSTEM:

CODE CLASS: 1

5. Applicable Const. Code:

ASME III. Edition: 1971

Addenda: \$73

Code Edition of Section XI Utilized for work 1983, S83

#### 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3RCS*V097	Cardinal	N/A #	N/A	Replacement	No

8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other < X > VT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair/replacement conforms to the rules of ASME Code, Section XI

Signed: DeMant

Date: 1/12/94

### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 5-3-92 to 1-28-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind grising from or connected with this inspection.

Inspector's Signature: E YOFIK

Commissions: CT1137

Date: -1-28-94

1. OWNER:

Northeast Utilities Service Co.

Date: 11/23/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-22725

4. SYSTEM:

RCS

CODE CLASS: 1

5. Applicable Const. Code:

ASME III, Edition: 1974

Addenda: \$74 Code Case N242-1

Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3RCS*P1D	Westinghouse	4-1162E93601	3	Replacement	Yes

- 7. Description of work: Replace Pump Internals with mrir 393-479-2 S/N 7-1152E93G03 NB 86
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < X > VT\* per seperate awo for seal assembly

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: 2 mar

Date: 17-15-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period CB-30-93 toO1-30-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YORK York

Commissions: NB9384 CT1137

Date: 01-30-94

this NIS 2 is contingent upon the seal assembly awo

1. OWNER:

Northeast Utilities Service Co.

Date: 12/15/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-22421

4. SYSTEM:

RCS

CODE CLASS: 1

5. Applicable Const. Code:

ASME III. Edition: 1971

Addenda: S73 FAB'N74S74 S\*

Code Edition of Section XI Utilized for work 1983, W85

\*Code Case N242-1

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3RCS*P1B	Westinghouse	2-1162E93G01	3	Replacement	Yes

7. Description of work: Replace Pump Internals: S/N 6-1162E93G03, National Board No. NB85 mrir 393-479-1

8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < X > Other < X > VT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: 2 Mail

Date: 1-5-94

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 9-25-93 to 1-30-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YORK

Commissions: NB9384 CT1137

Date: 01-30-94 seal assembly & associated bolting addressed awo m3-93-22422

1. OWNER:

Northeast Utilities Service Co.

Date: 12/16/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-22422

4. SYSTEM:

RCS

CODE CLASS: 1

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: \$73

Code Edition of Section XI Utilized for work 1983, S83

#### 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3RCS*P1B	Westinghouse	N/A	N/A	Replace	Yes

- 7. Description of work: Replace Cartridge Seal Assembly S/N6-1162E93G01 NB85 mrir393-479-1
- 8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < > Other <x> VT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: 2R May

Date: 12-17-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 9-25-93 to 01-30-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YORK

Commissions: NB9384 CT1137

Date: 01-30-94

swo m3-93-22421 installs replacement pump internals, performs required asme XI visual inspections m3-93-22422

1. OWNER: Northeast Utilities Service Co. Date: 12/15/93

P. O. Box 128, Waterford CT

2. PLANT: Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance AWO Numbers

Address: P. O. Box 128, Waterford CT M3-93-22723

4. SYSTEM: RCS CODE CLASS: 1

5. Applicable Const. Code: ASME III, Edition: 1981 Addenda: S73 \*1

Code Edition of Section XI Utilized for work 1983, W85 (\*1--CODE CASE N-242-1) ASME III 74 S 74

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3RCS*PIA	Westinghouse	1- 1162E93G01	3	Replacement	Yes

- 7. Description of work: Replace Pump Internals mrir393-479-3 S/N8-1162E93G03 NB87
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of ASME Code, Section XI

Signed: 2 Clurch Date: 12-17-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 9-30-93 to 1-30-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kir 'aris'no '...a or connected with this inspection.

Inspector's Signature: E YORK Commissions: NB9384 CT1137

Date: 01-30-94

seal housing bolting replacement addressed under awo M3-93-13889.

1. OWNER:

Northeast Utilities Service Co.

Date: 1/31/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station

3. Work Performed By:

Generation Construction

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-05138

M3-93-05082

4. SYSTEM:

CODE CLASS: 1

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Code Edition of Section XI Utilized for work 1983, S83

6 IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components ID Number	Name of Manufacture	Mfrs. S/N.	Nat'l Board No.	Repair / Replacement	ASME Stamped
3RCS1PSSP-914	ITT GRINNEL	20519	N/A	Replacement	No
3RCS1PSSP-1068	ITT GRINNEL	20996	N/A	Replacement	No

- 7. Description of work: Snubbers replaced
- 8. Test Conducted:

Pneumatic < > Normal Operating Pressure < > Other < X > VT Hydrostatic < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of ASME Code, Section XI

Signed: PRtmart Date: 1-31-94

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 82.93 to 2.3.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Commissions: CT1/37

Inspector's Signature: Eyest

Date: 02/03/94

1. OWNER:

Northeast Utilities Service Co.

Date: 1/31/94

P. O. Box 128, Waterford C'

2. PLANT:

Millstone Nuclear Power Station

3. Work Performed By: Generation Construction

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-05135 M3-93-05134

M3-93-05090

4. SYSTEM:

SIL

CODE CLASS: 1

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Code Edition of Section XI Utilized for work 1983,583

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components ID Number	Name of Manufacture	Mfrs. S/N.	Nat'l Board No.	Repair / Replacement	ASME Stamped
3SIL1PSSP-459	ITT GRINNEL	3507	N/A	Replacement	No
3SIL1PSSP-414	ITT GRINNEL	16548	N/A	Replacement	No
3SIL1PSSP-1051	ITT GRINNEL	29354	N/A	Replacement	No

- 7. Description of work: Snubbers replaced
- 8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < > Other <X>VT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of ASME Code, Section XI

Signed: Of Marl

Date: 1-31-94

# 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period \$2.2.97 to 2.3.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: G1175

Date: 2.8.94

1. OWNER:

Northeast Utilities Service Co.

Date: 1/31/94

P. O. Box 128, Waterford C

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Generation Construction

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-03913 M3-93-03914

M3-93-03924 M3-93-03925

M3-93-05585

4. SYSTEM:

RCS

CODE CLASS: 1

5. Applicable Const. Code:

ASME III, Edition: 1986

Addenda: 86

Code Edition of Section XI Utilized for work 1983,S83

Code Case N249-10

6 IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components ID Number	Name of Manufacture	Mfrs. S/N.	Nat'l Board No.	Repair / Replacement	ASME Stamped
3RCS1SUP4-19	Paul Monroe	14310-161	N/A	Modify	No
3RCS1SUP4-45	Paul Monroe	14310-187	N/A	Modify	No
3RCS1SUP4-43	Paul Monroe	14310-185	N/A	Modify	No
AND THE RESIDENCE OF THE PERSON OF THE PERSO	Paul Monroe	14310-181	N/A	Modify	No
3RCS1SUP4-25	Paul Monroe	14310-167	N/A	Modify	No

- Description of work: <u>Install Functional Testing Hardware For Hydraulic Snubbers to Test Inplace.</u>
- 8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < > Other < X > VT

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of ASME Code, Section XI

Signed: 28211cml Date: 1-31-94

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 7,23.93 to 2.3.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Commissions: CT1137

Inspector's Signature: Eyark

# CLASS 2

1. OWNER:

Northeast Utilities Service Co.

Date: 11/23/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-25751

4. SYSTEM:

RSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3RSS*MOV23A	Tubeco	3RSS-1	N/A	Replacement	No

- 7. Description of work: Replace Plug in Encapsulation Ring
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: 2Rman

Date: 12-

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 10.15.93 to 12.15.93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: CT/137

Date: 12-15-93

1. OWNER: Northeast Utilities Service Co. Date: 07/07/92

P. O. Box 128, Waterford CT

2. PLANT: Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance AWO Numbers Address: P. O. Box 128, Waterford CT M3-91-16250

4. SYSTEM: CODE CLASS: 2 MSS

ASME III, Edition: 1971 5. Applicable Const. Code: Addenda: S73 Code Edition of Section XI Utilized for work 1983, \$83

IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3MSS*SG1B	Westinghouse	N/A	NEGT1775	Replacement	Yes

7. Description of work: Machined Manway, Machined Manway Cover, and Replaced Bolting

8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Date: 12-15-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period \$7.691 to 12.697, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: CT 117 NEPSEY

Date: 12/16/93

1. OWNER:

Northeast Utilities Service Co.

Date: 07/07/92

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-91-16251

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Code Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3MSS*SG1C	Westinghouse	N/A	NEGT1778	Replacement	Yes

7. Description of work: Machined Manway, Machined Manway Cover, and Replaced Bolting

8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: Rmax

Date: 12-15-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 7.16.91 to 12.16.93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: G1137 NEGTEY

Date: 12/16/93

1. OWNER:

Northeast Utilities Service Co.

Date: 07/07/92

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address: P. O. Box 128, Waterford CT

M3-91-12809

4. SYSTEM:

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: \$73

Case Edition of Section XI Utilized for work 1983,583

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components		Mfrs.	Nat'l Board	Repair /	ASME
ID Number		S/N.	Serial	Replacement	Stamped
3MSS*SG1D	Flexonics / Westinghouse	N/A	NEGT 1777	Replacement	Yes

- 7. Description of work: Replacement of Bolting to Manway, Weld Repair of manway and Manway Cover
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: 2R Mil

Date: 12-12-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 7.30.91 to 12.16.93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: C41137 NE9384

Date: 12.16.93

1. OWNER:

Northeast Utilities Service Co.

Date: 11/23/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-25783

4. SYSTEM:

CHS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Case Edition of Section XI Utilized for work 1983, W85

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board		ASME
ID Number	Manufacture	S/N.	Serial		Stamped
3CHS*FLT5	Pall Trinity	25276	NtA -*	Replacement	No

\*NB12609

7. Description of work: Replace Trunion Bolting

8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: 2RMaL

Date: 12-15-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 10.15/3 to 12.28/3, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind-arising from or connected with this inspection.

Inspector's Signature: Elen

Commissions: CT1137 NITYTEY

Date: 12/28/43

1. OWNER: Date: 11/15/93 Northeast Utilities Service Co.

P. O. Box 128, Waterford CT

2. PLANT: Millstone Nuclear Power Station Unit #3

AWO Numbers 3. Work Performed By: Maintenance M3-93-09539 Address: P. O. Box 128, Waterford CT

4. SYSTEM: MSS CODE CLASS: 2

5. Applicable Const. Code: ASME III, Edition: 1974 Addenda: \$74 Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3MSS*RV26A	Dresser	N/A	BS00304	Replacement	Yes

- 7. Description of work: Replaced Safety Valve with Spare S/N BS00310
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Fressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Date: 11-19.93

## 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 6.28.93 to 12.28.93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Commissions: 71/37

Inspector's Signature: Ela Seth Yer Al

1. OWNER: Northeast Utilities Service Co. Date: 12/13/93

P. O. Box 128, Waterford CT

2. PLANT: Millstone Nuclear Power Station Unit #3

AWO Numbers 3. Work Performed By: Maintenance

P. O. Box 128, WaterforJ CT M3-91-07255 Address:

CODE CLASS: 2 4. SYSTEM:

ASME III. Edition: 1971 Addenda: S73 5. Applicable Const. Code:

Case Edition of Section XI Utilized for work 1983, W85

#### 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

	Name of	Mfrs.	Nat'l Board	Repair /	ASME
	Manufacture	S/N.	No.	Replacement	Stamped
3BDG*CTV22C	Fisher Controls	7329561	6524	Repair	Yes

7. Description of work: Machining of Gasket Surfaces

8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure <X> Other <X> IWV Testing

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of ASME Code, Section XI

Signed: Amul Date: 12-14-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 9.3.97 to 12.20.93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any bind arising from or connected with this inspection.

Inspector's Signature: F. Yar

Commissions: C7/137 NB 9384

Date: 12.20.93

1. OWNER:

Northeast Utilities Service Co.

Date: 11/23/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address: P. O. Box 128, Waterford CT

M3-93-05353

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: W73

Case Edition of Section XI Utilized for work 1983, W83

## 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3MSS*CTV27A	Sultzer	5425	N/A	Repair	Yes

- 7. Description of work: Grind Control to Restore Flatness
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of ASME Code, Section XI

Signed: 2RMacL

Date: 12-12-93

# 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 87.97 to 12-20-52, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: 4137

Date: 12-20-93

1. OWNER: Northeast Utilities Service Co. Date: 12/13/93

P. O. Box 128, Waterford CT

2. PLANT: Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance AWO Numbers

Address: P. O. Box 128, Waterford CT M3-93-19507

4. SYSTEM: 3308 SIH CODE CLASS: 2-- IWF

5. Applicable Const. Code: ASME III, Edition: 1971 Addenda: S73

Case Edition of Section XI Utilized for work 1983, W85

#### 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
CP3791001-H003	Stone & Webster	N/A	N/A	Replacement	No

7. Description of work: Replace Hanger Fasteners

8. Test Conducted: VISUAL UPON INSTALLATION

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other < >(ISI N/A)

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of ASME Code, Section XI

Signed: 2R. Mail Date: 12-14-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period \_\_\_\_ to12\_20\_93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: \_\_\_\_\_ Commissions: CT 1137

Date: 12-20-93

1. OWNER:

Northeast Utilities Service Co.

Date: 07/07/92

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-91-16252

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Case Edition of Section XI Utilized for work 1983, \$83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3MSS*SG1D	Westinghouse	NEGT 1777	W15215	Replacement	Yes

- 7. Description of work: \*Bolt Heads were Machined Off as a Mainteneance Convenience, Weld Repair of the Manway and Manway Cover \* Bolts of manuary Replaced.
- 8. Test Conducted:

Hydrostatiz < > Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: Then w. G

Date: 1/4/53

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 8-16-91 to 12-21-98, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: OTHIT NEGETY

Date: 12/21/93

1. OWNER:

Northeast Utilities Service Co.

Date: 12/15/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-20362

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Code Edition of Section XI Utilized for work 1983, W85

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components ID Number		Mfrs. S/N.	Nat'l Board No.	Repair / Replacement	ASME
THE PERSON NAMED IN COLUMN 2 I	Westinghouse	NEGT1777	W15215	-	Yes

- 7. Description of work: Phonographic Finish on Handhole Cover's 30 8 60 \*
- 8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of ASME Code, Section XI

Signed: aR may

Date: 12-16-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 9-3-93 to 12-22-93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: #

Commissions:CT 1137 NB 9384

Date: 12-22-93

1. OWNER:

Northeast Utilities Service Co.

Date: 12/15/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

Address:

P. O. Box 128, Waterford CT

AWO Numbers

M3-93-20360

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III. Edition: 1971

Addenda: \$73

Code Edition of Section XI Utilized for work 1983, W85

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3MSS*SG1A	Westinghouse	NEGT1776	W13584	Repair	Yes

- 7. Description of work: Phonographic Finish on Hand Hole Cov r's 1A, 4A, & 5A.\*
- 8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of ASME Code, Section XI

Signed: Mul

Date: 12-16-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 9-3-93 to 12-22-93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: \* Yen

Commissions: CT 1137 NB 9384

Date: 12-22-93

1. OWNER:

Northeast Utilities Service Co.

Date: 12/15/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

Address:

P. O. Box 128, Waterford CT

AWO Numbers

M3-93-20361

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Code Edition of Section XI Utilized for work 1983, W85

6. IDENTIFICATION OF COMPONENT! REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3MSS*SG1B	Westinghouse	NEGT1775	W13583	Repair	Yes

- 7. Description of work: Phonographic Finish on Handhole Cover's 3B & 6B\*
- 8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure <X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of ASME Code, Section XI

Signed: OR Mark

Date: 12-16-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 9-3-93 to 12-22-93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind-arising from or connected with this inspection.

Inspector's Signature: \* Lybrid

Commissions: CT1137 NB9384

Date: 12-22-93

1. OWNER:

Northeast Utilities Service Co.

Date: 12/15/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address: P. O. Box 128, Waterford CT

M3-91-02696

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: \$73

Code Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3MSS*CTV27A	Sultzer	N/A	1	Repair	Yes

- 7. Description of work: Repair Steam Cutting on Gasket Surfaces #49 S 55-1/55-2\*
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of ASME Code, Section XI

Signed: 2Rmuel

Date: 12-16-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 8-17-93 to 12-22-93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: \*

Commissions: CT1137 NEB9384

Date: 12-22-93

IST ROMNTS SATISFIED PRIOR TO START-UP.

1. OWNER:

Northeast Utilities Service Co.

Date: 12/14/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

AWO Numbers

3. Work Performed By: Maintenance

Address:

P. O. Box 128, Waterford CT

M3-93-23069

4. SYSTEM:

OSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Case Edition of Section XI Utilized for work 1983, W85

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components ID Number	Name of	Mfrs.	Nat'l Board	Repair /	ASME
	Manufacture	S/N.	No.	Replacement	Stamped
3QSS-1-PSR001	NPSI	N/A	N/A	Replacement	No

- 7. Description of work: Replace Support Clamp Pin
- 8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < > Other < X > VT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: 22 may

Date: 12-15-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 10.6.92 to 12.27.92, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind crising from or connected with this inspection.

Inspector's Signature: \* Fyard Commissions. C4-1137

Date: 12/28/93 \* this Line is Lyand the Asme X banklon

1. OWNER:

Northeast Utilities Service Co.

Date: 11/12/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address: P. O. Box 128, Waterford CT

M3-93-14755

4. SYSTEM:

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, 1971 Edition: \$73

Addenda: N/A

Case Edition of Section XI Utilized for work 1983, \$83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	6.100	Nat't -	Repair /	ASME
ID Number	Manufacture		Serial #	Replacement	Stamped
3RCS#SG1A	Westinghouse	13584	NEGT1776	Replacement	YES

7. Description of work: Replace Secondary Side Manway Bolts

8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify the the statements made in the report are correct and this replacement conforms to the rules of ASME Cod. \_ection XI

Signed: Rhal

Date: 11-12-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 8-2-93 to 12-29-93 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YOFIK

Commissions: CT 1137 NB9384

Date: 12/29/93

1. OWNER:

Northeast Utilities Service Co.

Date: 11/15/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

AWO Numbers

3. Work Performed By: Maintenance

Address:

P. O. Box 128, Waterford CT

M3-93-14764

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3RGS#SG1D	Westinghouse	W15215	NEGT1777	Replacement	Yes

7. Description of work: Replaced Secondary Side Manway Bolting

8. Test Conducted:

Other < > Hydrostatic < > Pneumatic < > Normal Operating Pressure < X >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: TRM&L

Date: 11-19-53

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 8-2-93 to 12-29-93 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature ME YORK / YORK

Commissions: CT1137 NB9384

Date: 12-29-93

1. OWNER: Northeast Utilities Service Co. Date: 12/13/93

P. O. Box 128, Waterford CT

2. PLANT: Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance AWO Numbers

Address: P. O. Box 128, Waterford CT M3-91-09072

4. SYSTEM: BDG CODE CLASS: 2

5. Applicable Const. Code: ASME III, Edition: 1971 Addenda: S73

Case Edition of Section XI Utilized for work 1983, W85

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3BDG*CTV22D	Fisher Controls	7329562	6525	Repair	Yes

- 7. Description of work: Machining of Gasket Surfaces
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < X > IWV Testing

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of ASME Code, Section XI

Signed: St Man

Date: 12-14-93

#### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, bolding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 9.3.93 to 12.20.95, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: C71137 MS 9384

Date: DEC 20, 1993

1. OWNER:

Northeast Utilities Service Co.

Date: 12/14/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-92-17669 & M3-93-25154

4. SYSTEM:

CHS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Case Edition of Section XI Utilized for work 1983, W85

6. IDENTIFICATION OF COMPONENTS REF OR REPLACED:

Components	A CONTRACT OF A	Mfrs.	Nat'l Board	Repair /	ASME
ID Number		S/N.	No.	Replacement	Stamped
3CHS*HCV18	Copes - Vulcan	7620-95379-247X-1	1995	Replacement	Yes

- 7. Description of work: Replace Stem Plug Assembly PLUG S/N 9221-96011-1-1(92 1)\*
- 8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < X >

Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: 2RMay

Date: 12-15-93

#### CERTIFICATE OF INSERVICE INSPECTION

1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 8-12-93to12-30-93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YOHK

Commissions: CT 1137NB9384

Date: 12-30-93

1. OWNER:

Northeast Utilities Service Co.

Date: 11/22/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-92-21643

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: \$73

Case Edition of Section YT Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Repair /	ASME
ID Number	Manufacture	S/N.	Replacement	Stamped
3MSS*AOV310'D	Fisher Controls	8473869	Repair/ Replacement	Yes

- 7. Description of work: Replace Plug and Stem Assembly and Repair Steam Cutting on Valve
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair/replacement conforms to the rules of ASME Code, Section XI

Date: 11-23-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 1-15-920 12-30-93 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Commissions: NB9384 CT1137 Inspector's Signature: \*E YORK

Date: 12-30-93

1. OWNER:

Northeast Utilities Service Co.

Date: 12/13/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-25873

4. SYSTEM:

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Case Edition of Section XI Utilized for work 1983, W85

#### 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3CHS*FLT2		25268	12601	Replacement	Yes

- 7. Description of work: Replace Trunnion Bolts
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < >

Other < X>

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: 2Rmal

Date: 17-14-93

# 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 10-16-92 to 18-20-93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: C71/37 5/13 9784

Date: 12/20/9-3

1. OWNER:

Northeast Utilities Service Co.

Date: 11/22/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-91-05047

4. SYSTEM:

SIH

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: \$73

Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components ID Number	Name of Manufacture	Mfrs.	Nat'l Board	Repair / Replacement	ASME Stamped
3SIH*FE983	Permutit		N/A	Repair	No

- 7. Description of work: Machined a Phonographic Finish to Seating Surface.
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of ASME Code, Section XI

Signed: Qual

Date: 11- 23-97

### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 3-10-9 to 12-29-93 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YORK

Commissions: CT 1137

Date: 12/29/93

1. OWNER:

Northeast Utilities Service Co.

Date: 11/15/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-24104

4. SYSTEM:

CHS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III. Edition: 1974

Addenda: \$74

Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3CHS*FLT3B	Paul Trinity	18109	33577	Replacement	Yes

- 7. Description of work: Replace Filter Trunion Bolts and Nuts
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Prossure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: Olyan

Date: 11-22-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 10-4-93 to 12-29-93 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YORK

Commissions; NB9384 CT1137

Date: 12/29/93

1. OWNER:

Northeast Utilities Service Co.

Date: 11/17/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-09258

4. SYSTEM:

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1974

Addenda: S74

Case Edition of Section XI Utilized for work 1983,583

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of		Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3MSS*RV23A	Dresser	BS00299	N/A	Replacement	Yes

- 7. Description of work: Replaced Valve with Spare S/N BS00298 Due to Valve Leaked thru Seat
- 8. Test Conducted:

Kydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: 2R man L

Date: 1/-19-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 6-28-93to10-29-93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YORK

Commissions: CT 1137

Date: 12-29-93

1. OWNER:

Northeast Utilities Service Co.

Date: 11/22/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address: P. O. Box 128, Waterford CT

M3-92-21643

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: \$73

Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3MSS*AOV310'D	Fisher Controls	8473869	NAMENBEZZE	Repair/ Replacement	Yes

- 7. Description of work: Replace Plug and Stem Assembly and Repair Steam Cutting on Valve
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair/replacement conforms to the rules of ASME Code, Section XI

Signed: 22 May 1

Date: 11-23-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 1-15-926 12-30-93 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: \*E YOPK

Commissions: NB9384 CT1137

Date: 12-30-93

1. OWNER:

Northeast Utilities Service Co.

Date: 11/12/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-14761

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, 1971 Edition: S73

Addenda: N/A

Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

3MSS*SG1C Westinghouse W15261 NEGET Replacement Stamped	Components ID Number	Name of Manufacture	Mfrs.	P 1 1	Repair /	ASME
NEGT1778 Replacement YES	3MSS*SG1C	Westinghouse		A TYPE AND A STORY	AMERICAN STREET, STREE	The state of the s

- 7. Description of work: Replace Secondary Side Manway Bolting
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

# CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of

Signed: Ofmail

Date: 1-3-94

# 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period \$2.97 to 1.3.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: ND9384 CT137

1. OWNER: Northeast Utilities Service Co.

Date: 1/11/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-21024

4. SYSTEM:

FWS

2RMal

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Code Edition of Section XI Utilized for work 1983, W85

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3FWS-016-073-02	Tubeco	N/A	N/A	Replacement	No

7. Description of work: Repaired feedwater nozzle-to-pipe weld (FW-8-1)due to thermal fatique cracks weld repair nozzle, replace section of pipe, eliminate Fw8-1 & Fw5dm and Fw 38 & 39. ISI program identifies as FW-22A-FW-38 & 39.

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < X > Other < X > MT.UT.RT

Code Case N416

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Date: 1-11-94

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period UB-08-93 to 01-31-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Commissions: 471137

Inspector's Signature: Fylor/(
Date: 1/3/194

1. OWNER: Northeast Utilities Service Co. Date: 1/14/94

P. O. Box 128, Waterford CT

2. PLANT: Millstone Nuclear Power Station Unit #3

3. Work Performed By: Generation Construction AWO Numbers Address: P. O. Box 128, Waterford CT M3-93-22891

4. SYSTEM: CODE CLASS: 2

5. Applicable Const. Code: ASME III, Edition: 1971 Addenda: \$73 Case Edition of Section XI Utilized for work 1983, W85

# 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3QSS-P3B	Stone & Webster	N/A	N/A	Replacement	No

7. Description of work: Replace pump support bolting

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other <X > VT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

2 RMin L Date: 1-15-94

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 9/24/93 to 1/31/94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Commissions: C71137

Inspector's Signature: Fyor/(
Date: 01/31/94

1. OWNER:

Northeast Utilities Service Co.

Date: 12/16/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Generation Construction

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-22853 & M3-93-22031

4. SYSTEM:

**FWS** 

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Code Edition of Section XI Utilized for work 1983, W85

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3MSS*SG1D	Westinghouse	NEGT1777	W15215	Repair	Yes

- 7. Description of work: Replaced Feedwater Elbow to S/G and Weld Build-up of Counterbore Area. Code Case N416.
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < X > RT,MT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of ASME Code, Section XI

Signed: 2 124 Date: 1-31-99

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 9.21.93 to 2.1.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any wind arising from or connected with this inspection.

Inspector's Signature: \_\_\_\_\_\_

Commissions: C7/137

Date: 2/1/94

I. OWNER:

Northeast Utilities Service Co.

Date: 1/14/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Generation Construction

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-22890

4. SYSTEM:

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Case Edition of Section XI Utilized for work 1983, W85

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nati D. A	7	
ID Number Manufacture  3QSS-P3A Stone & Webste	The second secon	S/N.	Nat'l Board Serial	Repair / Replacement	ASME
	Stone & Webster	N/A	B17.4	Replacement	Stamped

7. Description of work: Replace pump support bolting

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < > Other <X> VT

# CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of

Date: 1-14-54

# 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 923.98 to 1.23.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection. Inspector's Signature: Jan (
Date: 62/29/94 hold /31/94)

Commissions: (3/137

1. OWNER:

Northeast Utilities Service Co.

Date: 11/12/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-14759

4. SYSTEM:

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, 1971 Edition: S73

Addenda: N/A

Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N	No.	Replacement	Stamped
3MSS*SG1B	Westinghouse	NEGT1775	13583	Replacement	YES

- 7. Description of work: Replace Bolting on Secondary Side Manway
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

#### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Boiler and Pressure Vessel Inspectors and the state of Connecticut and employed by Hartford \$ 100 Annual Insurance and Inspection during the period 8-2-93 to 10-28-93 and state that to the best of the will will be and belief, the owner has performed examinations and has taken corrective measures accorribed in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YORK

Commissions: NB9383 CT1137

Date: 01-06-94

1. OWNER:

Northeast Utilities Service Co.

Date: 11/23/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address: P. O. Box 128, Waterford CT

M3-93-05354

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: W73

Case Edition of Section XI Utilized for work 1983, W83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	1	ASME
ID Number	Manufacture	S/N.	Serial		Stamped
3MSS*CTV27D	Sultzer	5679/5683	4	Repair/Replacement	Yes

- 7. Description of work: Replaced Solenoid Block and Machined Seating Surface. Replace Control Blocks: R 5682, L 5679.
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

Signed: 2 May \_\_\_\_\_ Date: 1-4-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period08-27-936 10-29-93 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YORK Commissions: NB9384 CT 1137

(R-block 5682 from 'C' vlv, replayed 5683. Both R 5682 S L 5679 have been machined.)

Date: JAN 05, 1994

Northeast Utilities Service Co. Date: 07/07/92

P.O. Box 128, Waterford CT

Millstone Nuclear Power Station Unit #3 2. PLANT:

3. Work Performed By: MAINTENANCE Betterment Const. Address: P.O. Box 128, Waterford CT

AWO Numbers M3-91-14691

4. SYSTEM: MSS

CODE CLASS: 2

- 5. Applicable Const. Code: ASME III, 1971 Edition: \$73 Addenda: N/A Case Edition of Section XI Utilized for work 1983, S83
- 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

		NB			
		Mfrs No.		Repair/ Replacement	ASME Stamped
3MSS*PV20B	Fisher Controls	MA	8659427	Both	YES

NB5766

7. Description of work: Machine bonnet and body to remove distortion. Replace \*plug. & WELD REPAIR LOWER SEAT AREAS .

FONE PLUG(provided /w N2 DATA RPTS) INSTALLED. 5/N Ø recorded in AWD. TR21M314648 issued to determine which Test Conducted: has been installed. mrir's 385-101-1 or 385-029-1/2.

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < X > (VT, LP)

# Certificate of Compliance

We certify that the statements made in the report are correct and this repair/replacement conforms to the rules ASME Code, Section XI

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period3-20-91to 1-5-99 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection. Inspector's Signature: SE YORK / Commissions: NB9384 CT1137

Date: JAN 05, 1994

1. OWNER:

Northeast Utilities Service Co.

Date: 11/17/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address: P. O. Box 128, Waterford CT

M3-93-11944

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Case Edition of Section XI Utilized for work 1983, W85

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3MSS*PV20D	Fisher Controls	19183-2	N/A-6731	Replacement	Yes

- 7. Description of work: Replaced Valve Plug / Stem Assen 19
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: Run 2

Date: 11-22-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 9-20-93to1-6-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature? E YORK

Commissions: NB9384 CT1137

Date: JANUARY 06, 1994

1. OWNER:

Northeast Utilities Service Co.

Date: 11/17/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-09550

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: \$73

Case Edition of Section XI Utilized for work 1983, W85

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components ID Number				Repair / Replacement	ASME Stamped
3MSS*AOV31B	Fisher Controls	7311076	5684	Replacement S	Yes

WELD REPAIR\*

7. Description of work: Replaced Body to Bonnet Nuts.mrir386-164-7 markingE26.

8. Test Conducted: 3 REPLACE PLUG/STEM ASSEMBLY. mrir386-164-9 /w N2 data rpt

Hydrostatic < The The timelic Plus Tornial Operating Pressure < X > Other < >

### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: Surar L

Date: 11-22-53

# 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 7-14-93to1-7-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, pro try damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YORK

Commissions:NB9384 CT1137

Date: JANUARY 07, 1994

1. OWNER: Northeast Utilities Service Co. Date: 11/16/93

P. O. Box 128, Waterford CT

2. PLANT: Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance AWO Numbers

Address: P. O. Box 128, Waterford CT M3-92-09860

4. SYSTEM: MSS CODE CLASS: 2

5. Applicable Const. Code: ASME III, Edition: 1971 Addenda: 573

Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3MSS*AOV31A	Fisher Controls	7311076	NB5684%	Repair	Yes

- 7. Description of work: Repair Stem Cutting on Valve Seats WELD-REPAIR\*
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of ASME Code, Section XI

igned: 2KMul Date: 11-22-93

# 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 7-14-93to12-30-93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YORK

Commissions:NB9384 CT1137

Date: 12-30-93

1. OWNER:

Northeast Utilities Service Co.

Date: 11/10/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-19494

4. SYSTEM:

CHS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, 1971 Edition: S73

Addenda: N/A

Case Edition of Section XI Utilized for work 1983, W85

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l	Repair /	ASME
ID Number	Manufacture	No.	Serial	Replacement	Stamped
3CHS*RV8119	Lonergan	N/A	407487-14-1	Repair	Yes

- 7. Description of work: Replaced Threaded Body to Nozzle Connection with Fillet Weld.
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other < x > VT, LP

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: Durces L

Date: 11-12-53

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 23.53 to 1.7.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: 17/137

Date: 01.07.94

1. OWNER:

Northeast Utilities Service Co.

Date: 11/17/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-14801

4. SYSTEM:

BDG

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1977

Addenda: \$79

Case Edition of Section XI Utilized for work 1983.S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3BDG*V891	Pacific Valve	0728-4	N/A	Replacement	Yes

- 7. Description of work: Replace Valve due to Steam Cutting of Valve Body. Hydrostatic test the Shop WElds, Inservice Leak Test of Field Welds per Code Case N416
- 8. Test Conducted:

Hydrostatic < X > Pneumatic < > Normal Operating Pressure < X > Other < X > RT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: Allum L

Date: 11-22-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period \$2393 to 17.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: 0-1137

Date: 1/7/94

1. OWNER:

Northeast Utilities Service Co.

Date: 1/5/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Generation Construction

AWO Numbers

Address: P. O. Box 128, Waterford CT

M3-93-13710

4. SYSTEM:

RSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1974

Addenda: S74

Case Edition of Section XI Utilized for work 1983,583

#### 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.1	Replacement	Stamped
3RSS*MOV23B	Henry Pratt *	DD117-1-1	N/A	Replace	Yes

7. Description of work: Replaced Valves

8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X >

Other < >

### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

Date: 1-11-94

\* NEW REPLACEMENT VLV MRIR-392-1001 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 6-3-93 to 1-11-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature; E YORK

Commissions: CT 1137

1. OWNER: Northeast Utilities Service Co. Date: 1/5/94
P. O. Box 128, Waterford CT

2. PLANT: Millstone Nuclear Power Station Unit #3

3. Work Performed By: Generation Construction AWO Numbers
Address: P. O. Box 128, Waterford CT M3-93-13712

4. SYSTEM: RSS CODE CLASS: 2

Applicable Const. Code: ASME III, Edition: 1974 Addenda: S74
 Case Edition of Section XI Utilized for work 1983, S83

# 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.1	Replacement	Stamped
3RSS*MOV23D	Henry Pratt *	DD117-1-3	N/A	Replace	Yes

7. Description of work: Replaced Valves

8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

Signed: 22 March Date: 1-11-94

#### 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 of Connecticu, and employed by Hartford Steam Boiler Insurance and Inspection during the period 6-3-93 to 1-11-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YORK

Commissions: CT 1137

1. OWNER: Northeast Utilities Service Co. Date: 1/5/94

P. O. Box 128, Waterford CT

2. PLANT: Millstone Nuclear Power Station Unit #3

3. Work Performed By: Generation Construction AWO Numbers
Address: P. O. Box 128, Waterford CT M3-93-13711

4. SYSTEM: RSS CODE CLASS: 2

5. Applicable Const. Code: ASME III, Edition: 1974 Addenda: S74

Case Edition of Section XI Utilized for work 1983,583

# 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.1	Replacement	Stamped
3RSS*MOV23C	Henry Pratt *	DD117-1-2	N/A	Replace	Yes

7. Description of work: Replaced Valves

8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this <u>repair / replacement</u> conforms to the rules of ASME Code, Section XI

Signed: OR Mal Date: 1-11-94

# \* IS THE NEW REPLACEMENT VALVE MRIR 393-1001 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 5-3-93 to 1-11-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YORK

Commissions: CT1137

1. OWNER:

Northeast Utilities Service Co.

Date: 12/15/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-09547

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1974

Addenda: S74

Code Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	
3MSS*RV25A	Dresser Ind.	BS00303		Replacement	A STATE OF THE PARTY OF THE PAR

- 7. Description of work: Replace Valve with Spare S/N BS00302; replaced disk with spare S/N AAE-87
- 8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure <X> Other < >

# CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: OR Mul

Date: 12-16-93

# 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 7.27.93 to 1.11.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: 17/137

Date: Jan 11, 1994

1. OWNER:

Northeast Utilities Service Co.

Date: 1/10/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Generation Construction

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-26570

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: \$73

Case Edition of Section XI Utilized for work 1983, S83

# 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Component.	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Number	Replacement	Stamped
3-MSS-4-PSSH001	ITT Grinnel	N/A	N/A	Replacement	No

- 7. Description of work: Install new spring can support
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

Date: 1-12-94

#### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and "e State of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 10.2193 to 1/12/94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Commissions: CT 1137

1. OWNER:

Northeast Utilities Service Co.

Date: 1/10/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By:

Generation Construction

AWO Numbers

P. O. Box 128, Waterford CT Address:

M3-93-25232

4. SYSTEM:

FWS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: \$73

Case Edition of Section XI Utilized for work 1983,S83

#### 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Number	Replacement	Stamped
3-FWS-4-PSSP026	Stone & Webster	N/A	N/A	Repair	No

- 7. Description of work: Relocate welded attachments to realign it with snubber clamp.
- 8. Test Conducted: Hydrostatic < >

Pneumatic < > Normal Operating Pressure < > Other <X> VT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 10.12.93 to 764 12.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Commissions: CT/137

Inspector's Signature: Cyp. C

1. OWNER:

Northeast Utilities Service Co.

Date: 1/12/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address: P. O. Box 128, Waterford CT

M3-92-20556

4. SYSTEM:

RCS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1977

Addenda: \$79

Code Edition of Section XI Utilized for work 1983, W85

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3RCS*PCV455A	Crosby Valve	P131	N/A	Replacement	No

- 7. Description of work: Replaced PORV and Flange Studs and Nuts #2
- 8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < X > Other < X > 1ST

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair/replacement conforms to the rules of ASME Code, Section XI

) Rmail Date: 1/12/94

#1 ASME DATA RPT NPV-1 in awo doe vlv s/nP131 #2mrir 386-253-162 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period10-26-92t001-13-94 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature! E YOFIK

Commissions: CT1137

1. OWNER: Northeast Utilities Service Co. Date: 1/12/94

P.	O. Box 128, W	aterford CT			
2. PLANT: M	lillstone Nuclear	Power Station	Unit #3		
3. Work Performed Address: P. O.				AWO Numbers M3-93-06186	
4. SYSTEM:	CHS			CODE CLASS:	2
5. Applicable Cons		ASME III. Edition of §		Addenda: W73 zed for work 1983, S	883
6. IDENTIFICATI	ON OF COMPO	NENTS REPAIR	RED OR REPL	ACED:	
Components ID Number	Name of Manufacture		Nat'l Board No.1	Repair / Replacement	ASME Stamped
3CHS*V032 BALANCE OF VA		77-50880-4-5	N/A	Replacement	Yes
We certify that the rules of ASME Coc Signed:	le, Section XI			repair / replacemen	
	CERTI	FICATE OF INS	ERVICE INSP	ECTION	NAMES AND THE PROPERTY OF T
Pressure Vessel Ir Insurance and Insp knowledge and be	ection during the lief, the owner	e State of Con the period 4.4.9 has performed	necticut and e 7 to /-/2-96 examinations	by the National Boamployed by Hartfo, and state that to and has taken con of ASME Code, Se	ord Steam Boiler the best of my rective measures
or implied, ancer Furthermore, neith injury, property day	er the inspector mage, or loss of	nor his employ any kind arising	ective measure er shall be lial	sloyer makes any was s described in the ble in any manner ted with this inspect	Owner's Report. for any personal
Inspector's Signatur Date: JANUARY 1	re: Efor	(E YORK	Comm	issions: CT/13	Z
Date: JANUARY 1	2, 1994				

1. OWNER:

Northeast Utilities Service Co. P. O. Box 128, Waterford C'

Date: 1/12/94

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-05952

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1974

Addenda: S74

Code Edition of Section XI Utilized . " ork 1983,583

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3MSS*RV23D	Dresser	BS00291	N/A	Replacement	No

7. Description of work: Replaced Valve with spare S/N BS00297

8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure <X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair/replacement conforms to the rules of ASME Code, Section XI

Signed:	DRMail	Date:	1/12/94
	ACT PRODUCT OF MANY THE SECRET THE METHOD REPORT OF THE SECRET THE	9000330000	

valve asme IST TESTED UNDER MAIR 393-191-1 @ CROSBY2 APRIL '93.set pres 1195.

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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 4/1/93 to 1/14/94 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YORK

Commissions: CT1137

1. OWNER:

Northeast Utilities Service Co.

Date: 1/13/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-91-06894

4. SYSTEM:

CHS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1974

Addenda: \$75

Case Edition of Section XI Utilized for work 1983, \$83

# 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair_/ PLUG	ASME
ID Number	Manufacture	S/N. FLUG	Serial	Replacement	Stamped
3CHS*HCV184	Copes Vulcan	8621-96898-1-1	N/A	Replacement	Ne-YES#

(S/N VALVE NB 1955)

7. Description of work: Replace stemphon as 37/81/247X-1

8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure <X>

Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: OR Mac Date: 1-13-94

### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 6-18-91 to 1-17-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YORK Eyal

Commissions: NB9384 CT1137

1. OWNER:

Northeast Utilities Service Co.

Date: 1/14/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-91-15649

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: \$73

Code Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components ID Number	Name of Manufacture		1	Repair /ard Replacement	
3MSS*SG1B	Westinghouse	NEGT1775			

7. Description of work: Machine manway, machine manway cover, and replace manway bolting (HT. Code XE4) mrir391-374-1

8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: 2Rmark

Date: 1-14-94

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 8-16-91 to 1-17-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: NB9384 CT1137

1. OWNER:

Northeast Utilities Service Co.

Date: 1/14/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Perfor and By: Maintenance

WO Numbers

At iress:

P. O. Box 128, Waterford CT

M3-91-16258

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: \$73

Code Edition of Section XI Utilized for work 1983,583

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair And	
ID Number	Manufacture	S/N.	No.	Replacement	
3MSS*SG1C	Westinghouse	NEGT1778	W15216 REF	Replacement	Yes

7. Description of work: Machine manway, machine manway cover, and replace manway bolting (HT. Code XH6# mrir 391-391-1\*

8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: OR May

Date: 1-14-90-

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 9-5-91 to 1-17-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: NB9384 CT1137

1. OWNER:

Northeast Utilities Service Co.

Date: 1/14/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-91-16249

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Code Edition of Section XI Utilized for work 1983, W85

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair kand	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3MSS*SG1A	Westinghouse	NEGT1776	W13584 FEPA	Replacement	Yes

7. Description of work: Machine manway, machine manway cover, and replace manway bolting (HT. Code XH6) mrir 31-391-1

8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure <X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: DR Mach

Date: 1-19-94

### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 9-10-91 to 1-17-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective meanings described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E. YOFK

Commissions: NB9384 CT1137

1. OWNER:

Northeast Utilities Service Co.

Date: 12/15/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-17381

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Code Edition of Section XI Utilized for work 1983, W85

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3MSS*CTV27C	Sultzer	1B#	N/A	Replacement	Yes

COMPONENT/VALVE S/N5437 NB3
7. Description of work: Replace Right Solenoid Control Block \*

8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure <X > Other < >

### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: 2 RMcul

Date: 1-14-54

# 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period08-12-53 to01-18-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YORK

Comr assions: NB9384 CT1137

1. OWNER:

Northeast Utilities Service Co.

Date: 11/17/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address: P. O. Box 128, Waterford CT

M3-93-11945

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3MSS*PV20B	Fisher Controls	8659427	N/A	Repair / Replacement	Yes

- 7. Description of work: Replaced Valve Stem and Plug Assembly and Repaired Steam Cuts on Valve Body (mrir\*390-016-2 plug s/nB03120-2)
- 8. Test C ducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X >

Other < >

### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

Date: 11-72-93

### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 07-23-9% 01-13-94 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: \*

Commissions: CT1137

Date: 01-13-94

1. OWNER:

Northeast Utilities Service Co.

Date: 1/14/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-17880

4. SYSTEM:

CHS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1974

Addenda: W75

Code Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3CHS*MV8438A	Westinghouse	4284 ==	N/A	Replacement	No

vlv s/n 04000GM88FN800005W750050 vlv NBW26514

7. Description of work: Replaced Valve Disk & mpin 393-404

8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other < X > VT,IST

### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

Signed: Rumb

Date: 1-14-94

# 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period OB-30-93 to O1-20-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YORK Eye

Commissions: NB9384 CT1137

Date: 20 JAN' 94

1. OWNER:

Northeast Utilities Service Co.

Date: 1/5/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Generation Construction

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-04981

4. SYSTEM:

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Case Edition of Section XI Utilized for work 1983, W83

#### 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3SIL-1-PSSP0459	ITT Grinnel	N/A	N/A	Repair	No

- 7. Description of work: Modified End Brackets.
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other <X> VT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

Signed: 200 Maul

Date: 1-6-94

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 8.29.3 to 1.23.96, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: 4/139

1. OWNER:

Northeast Utilities Service Co.

Date: 1/7/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Generation Construction

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-04986

4. SYSTEM:

BDG

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: \$73

Case Edition of Section XI Utilized for work 1983, S83

#### 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
CP408051-H001	ITT Grinnel	N/A	N/A	Repair	No

- 7. Description of work: Modified End Brackets.
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other < X > VT

### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

Signed: RMacl

Date: 1-6-94

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 82.93 to 123.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: (7//37

1. OWNER:

Northeast Utilities Service Co.

Date: 1/5/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Generation Construction

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-04987

4. SYSTEM:

RSS

CODE CLASS: 2

Applicable Const. Code:

ASME III, Edition: 1971

Addenda: \$73

Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
CP379706-H022	ITT Grinnel	N/A	N/A	Repair	No

- 7. Description of work: Modified End Brackets.
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other < X > VT

# CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

Signed: OR Man

Date: 1-6-94

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 8.2.93 to 1.23.54, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: 4137

1. OWNER:

Northeast Utilities Service Co.

Date: 1/5/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Generation Construction

AWO Numbers

P. O. Box 128, Waterford CT Address:

M3-93-04989 & M3-93-04990

4. SYSTEM:

RSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Case Edition of Section XI Utilized for work 1983, S83

#### 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components ID Number	Name of Manufacture	Mfrs.	Nat'l Board Serial	Repair / Replacement	ASME Stamped
CP379707-H022		N/A	N/A	Repair	No
CP379707-H025	ITT Grinnel	N/A	N/A	Repair	No

- 7. Description of work: Modified End Brackets.
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other < X > VT

# CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

Signed: 28-4 Date: 1-6-94

### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 8.295 to 1.29.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: CT1137

1. OWNER:

Northeast Utilities Service Co.

Date: 1/5/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Generation Construction

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-04988

4. SYSTEM:

RSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: \$73

Case Edition of Section XI Utilized for work 1983, \$83

#### 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board		ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
CP379706-H025	ITT Grinnel	N/A	N/A	Repair	No

- 7. Description of work: Modified End Brackets.
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other < X > VT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

Date: 1 - 74 - 84

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 08-02-93 to 01-22-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: 07/137

1. OWNER:

Northeast Utilities Service Co.

Date: 1/5/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By:

Generation Construction

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-04982

4. SYSTEM:

SIL

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Case Edition of Section XI Utilized for work 1983, W83

### 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3SIL-1-PSSP0414	ITT Grinnel	N/A	N/A	Repair	No

- 7. Description of work: Modified End Brackets.
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other < X > VT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

Signed: OR Man \_\_\_\_\_ Date: 1-6-99

# CERTIFICATE OF INSERVICE INSPECTION

1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 7.2.93 to 1.23.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: EyerAl

Commissions: C+137

1. OWNER:

Northeast Utilities Service Co.

Date: 1/5/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Generation Construction

AWO Numbers

Address:

P. O. Box 128 Waterford CT

M3-93-04982

4. SYSTEM:

SIL

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Case Edition of Section XI Utilized for work 1983, W83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3SIL-1-PSSP0414	ITT Grinnel	N/A	N/A	Repair	No

7. Description of work: Modified End Brackets.

mul

8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other < X > VT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

Date: 1-6-99

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 72.93 to 123.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: Eyer

Commissions: C41139

1. OWNER:

Northeast Utilities Service Co.

Date: 1/13/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Generation Construction

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-92-00856

4. SYSTEM:

CODE CLASS: 2

5. Applicable Const. Code:

ASME III. Edition: 1971

Addenda: S73

Case Edition of Section XI Utilized for work 1983, W85

# 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3-FWS-006-063-02	Tioga	N/A	N/A	Replacement	No

7. Description of work: Replace pipe due to erosion/corrosion

8. Test Conducted:

Hydrostatic < X >

Pneumatic < > Normal Operating Pressure < > Other < X > UT, MT S RT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement con orms to the rules of ASME Code, Section XI

Signed: 2RMal Date: 1-15-94

#### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and rressure Vessel Inspectors and the State of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 01-10-92 to 01-22-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YORK

Commissions: CT 1137

Date: 22 JANUARY 1994

1. OWNER:

Northeast Utilities Service Co.

Date: 1/10/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Generation Construction

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-26277

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: \$73

Case Edition of Section XI Utilized for work 1983, S83

# 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Number	Replacement	Stamped
3-MSS-4-PSSP009	ITT Grinnel	N/A / -x	N/A	Replacement	No

- 7. Description of work: Install new snubber and modified support
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other <X > VT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

Signed: 02 May Date: 1-14-94

\* Snuther Sty 25119-Installed

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 of Connecticut and employed by Hartford Steam Roiler Insurance and Inspection during the period 10.2093 to 1.27.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: (7/137

Date: 1.27.94

1. OWNER:

Northeast Utilities Service Co.

Date: 1/10/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Generation Construction

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-22536

4. SYSTEM:

FWS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: \$73

Code Edition of Section XI Utilized for work 1983, \$83

Code Case N416

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Number	Replacement	Stamped
3-FWS-020-018-02	TUBECO	N/A	N/A	Repair/Replacemenf*	No

7. Description of work: Repair pipe cracking due to thermal fatigue

8. Test Conducted: Hydrostatic < >

Pneumatic < > Normal Operating Pressure < X > Other < X > MT,RT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

Rukul\_

Date: 1-24-94

+ Kaskeed Flow

# CERTIFICATE OF INSERVICE INSPECTION

1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 913.93 to 1.2794, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: Elitabeth fort

Commissions: 07/137

Date: 1-27.94 -

Northeast Utilities Service Co.

Date: 1/14/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

**AWO Numbers** 

Address:

P. O. Box 128, Waterford CT

M3-93-15180

4. SYSTEM:

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Case Edition of Section XI Utilized for work 1983, S83

# 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3-BDG-1-PSSH490	Stone & Webster	N/A	N/A	Replacement	No

7. Description of work: Replaced clamp bolt (mrir 391-083-1)

8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other < X > VT

# CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

Signed: 28 thank

Date: 1-26-94

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 9.15.93 to 1.19.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: [ ]

Commissions: C7/137

1. OWNER:	Northeast Utilities Se P. O. Box 128, Water	THE CONTRACTOR OF THE PARTY OF	Date: 1/12/94		
2. PLANT:	Millstone Nuclear Po	ower Station	AWO Numbers M3-93-13684  CODE CLASS: 2  EIII, Edition: 1977 Addenda: \$79 Edition of Section XI Utilized for work 1983, \$1  TS REPAIRED OR REPLACED:  Mfrs. Nat'l Board Repair / Replacement  No.1 Replacement  S/N. No.1 Replacement  s with \$5/N. 0935-0   Normal Operating Pressure < X >  TIFICATE OF COMPLIANCE  the report are correct and this repair / replacement		
	rmed By: Maintenance. O. Box 128, Waterfor				
4. SYSTEM:	BDG			CODE CLASS: 2	
		se Edition of	Section XI Utilize	ed for work 1983,S	83
Components ID Number	Name of Manufacture	Mfrs. S/N.			ASME Stamped
* *V88	7 Pacific Valve	0734-4	N/A	Replacement	No
rules of ASMI	t the statements made in Code, Section XI	n the report a	ire correct and thi	s repair / replacem	ent conforms to the
Signed:	22 max		Date:	1/12/74	
	CERTIF	FICATE OF I	NSERVICE INSP	PECTION	
Pressure Vess and Inspection belief, the ow	e undersigned, holding el Inspectors and the St n during the period Enter has performed example and the requirement of the requ	ate of Connec 7.92 to 1.2 ninations and	cticut and employ 3.94, and state has taken correct	ed by Hartford Steathat to the best of ive measures descri	my knowledge an
or implied, of Furthermore, property dama	igning this certificate no concerning the examin neither the inspector no age, or loss of any kind	ations and co or his employ arising from	orrective measure er shall be liable	es described in the in any manner for	e Owner's Rt
Inspector's Si	gnature: Eyarl		Comm	issions: C7//37	_
Date: 1/20	44				

1. OWNER:

Northeast Utilities Service Co.

Date: 11/17/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O Box 128, Waterford CT

M3-93-09549

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1974

Addenda: S74

Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3MSS*RV23B	Dresser	BS00296	N/A	Replacement	Yes

- 7. Description of work: Replaced Valve with Spare S/N BS00301 Due to Seat Leakage. Spare Valve (BS00301) had a Disk Replaced. via mrir 393-091-3
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

# CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

signed: RMacl

Date: 1-4-94

### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 7-27-93 to 1-28-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YOFIK

Commissions: CT 1137

Date: D1-28-94

I. OWNER:

Northeast Utilities Service Co.

Date: 11/12/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-09551

4. SYSTEM:

MSS

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1974

Addenda: S74

Case Edition of Section XI Utilized for work 1983, S83

#### 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3MSS*RV24D	Dresser	N/A	B\$00294	Replacement	Yes

- 7. Description of work: Replaced Valve with Relief Valve S/N B\$00291 #
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: 2011-22-93

\*viv s/nBS00294 removed/FFTCATE OF YNSERVICE INSPECTION of AAJ64 installed wyle

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 4/23/93to1/13/94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in ... is owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising-from or connected with this inspection.

Inspector's Signature: E YORK

Commissions; CT1137

Date: 13 JANUARY 1994

1. OWNER:

Northeast Utilities Service Co.

Date: 1/11/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. West, Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-20850

4. SYSTEM:

**FWS** 

CODE CLASS: 2

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Code Edition of Section XI Utilized for work 1983, W85

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3FWS-016-074-02	Tubeco	N/A	N/A	Replacement	No

7. Description of work: Repaired feedwater nozzle-to-pipe weld (FW-8-1) due to thermal fatique cracks FEEDWATER PIPE 3FWS-016-74-2 CUT OUT AND REPLACED PER DCN DM3-0937-93. NEW FW 49650.

8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < X > Other < X > MT,UT,RT

Code Case N416

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: Rmart

Date: 1-11-94

#### 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 of Connecticut and employed by artford Steam Boiler Insurance and Inspection during the period CB-CV-SBtoO1-31-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YORK

Commissions: CT1137

Date: 01-31-94

# CLASS 3

1. OWNER:

Northeast Utilities Service Co. Date: 07/07/92

P.O. Dox 128, Waterford CT

2 PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Betterment Const.

AWO Numbers

Address: P.O. Box 128, Waterford CT

M3-91-02359

4. SYSTEM: SWP

CODE CLASS: 3

5. Applicable Const. Code: ASME III. 1971 Edition: S73 Addenda: N/A Case Edition of Section XI Utilized for work 1983, \$83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of Manufacture	Mfrs No.	 Repair/ Replacement	ASME Stamped
The state of the s			Repair	YES

7. Description of work: Modification of lower tie rod to permit installation.

8. Test Conducted:

Other < >

Hydrostatic < > Pneumatic < > Normal Operating Pressure < \_>

Certificate of Compliance

We certify that the statements made in the report are correct and this repair conforms to the rules ASME Code, Section XI

Signed: 2R Man

Date: 10-21-93

# 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period +2992 to 12+93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with Inspector's Signature: Elatery/all Commissions: arisq

Date: \_ Dec 1, 1883

1. OWNER: Northeast Utilities Service Co. Date: 07/07/92

P.O. Box 128, Waterford CT

2. PLANT: Millstone Nuclear Power Station Unit #3

AWO Numbers 3. Work Performed By: Betterment Const. Address: 2 O. Box 128, Waterford CT M3-91-21090

4. SYSTEM: SWP

CODE CLASS: 3

5. Applicable Const. Code: ASME III, 1971 Edition: \$73. Addenda: N/A Case Edition of Section XI Utilized for work 1983, \$83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs	A CONTRACTOR OF THE PARTY OF TH	Repair/	ASME
ID Number	Manufacture	No.		Replacement	Stamped
3-SWP*V069	PEPCO	N/A	N/A	Replacement	YES

7. Description of work: Replace studs with study of the proper material.

8. Test Conducted:

Hydrostatic < > Pneuriatic < > Normal Operating Pressure < X>

Other < >

Certificate c./ Compliance

We certify that the statements made in the report are correct and this replacement conforms to the rules ASME Code, Section XI

Signed: 2R Man

Date: 10-21-43

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period PAN 10/21.55 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E. Jan Commissions: CT 1137

Date: / Dec 1993

*************		
1. OWNER Northeast Utilities Service Co. P.O.Box 128 , Waterford , Conn.	Date 07-01-91 Sheet 1 of 1	
2. PLANT Millstone Nuclear Power Station	Unit 3	
3. Work Performed By Generation Const. Address P.O. Box 128 Waterford Conn.	AWO Numbers M3-91-01125	
4. SYSTEM Service Water System	CODE CLASS 3	
5. Applicable Const. Code ASME III ,1971 Edition of Section XI Utilized for work 1	Edition, S,73 Addenda,N/A 983,S83	Case
6. IDENTIFICATION OF THE COMPONENTS REPAIRED	OR REPLACED:	
Ident. Manufacturer NUMBER Number  WP-150-105-03 STONE AND WEBSTER CP-319731  WP-150-064-03 STONE AND WEBSTER CP-319731  WP-150-071-03 STONE AND WEBSTER CP-319733  WP-002-146-03 STONE AND WEBSTER CP-319716  7. Description of Work: PDCR MP3-90-010, "SM PPAIR PLAN RF03" replaces small bore piping Prosion/corrosion attack. This PDCR also replace radius bend (four time the nominal pipe of the same material (Cu-Ni). In locations who	Replacement St Sh 6 1985 REPAIRED Y Sh 1 1985 REPAIRED Y Sh 2 1985 REPAIRED Y Sh 1 1985 REPAIRED Y Sh 2 1985 REPAI	ede amped ES ES ES NG fered h a pipe
replaced with Monel-400 (ASME SB-165 ) that is in addition, a 3" full port ball valves was added to the constraints, the copper-nickle properties of the constraints of the const		CONSTRUCTOR SECTION SE
8. Test Conducted:	Naminal Operating Processes	/xxx
Hydrostatic /XXX/ Pneumatic // Other //		/ EMMA
9. Remarks: HYDROSTATIC TEST PER M3-91-00620	)	

EX 10 EX 1		ar an hi sa an an ini hi sa sa sa sa an an an	na sal gal san san san sal ini sal i	21, 22, 26, 20, 20, 20, 20, 20, 20, 20,	\$10, 500 TOO BOY SAN THAN BY	e das est aux est aux aux en anv ave est ers ent ent fin	THE RES LESS THE THE RELEASE TO THE
		Northeast_Util P.OPox_120	ities_Ser	vice_Co.		Date: <u>06/12/91</u> Sheet _1_ of _	
2.	PLANT:	Millstone_Nucl	ear_Power	Station		Jnit <u>#3</u>	
3.	Work P	erformed By: Mi s: P.O. Box 128	llstone Waterf	ord . CT		M3_82_20233	
4.	SYSTEM	: Diesel Genera	tor_Jacke	t_Water		ODE CLASS 3	
5.	Applie Editio	able Const. Cod n of Section XI	e ASME_II. Utilized	I <u>. 1971</u> E for Work	dition, _1983.	<u>973</u> Addenda, <u>583</u>	MZA Case
6.	IDENTI	FICATION OF THE	COMPONEN	TS REPAIR	ED OR F	EPLACED:	
I d	ponents ent. mber	Name of Manufacture	Mfrs. Serial No.	Nat'l. Bd.	Year Built	Repaired/ Replaced/ Replacement	Code
aeo:	S*E1B_A	merican Standar	d_BZ0	29617 	1980 "Thed! "NUT	Replacement 302-137-2 308-1514-0	94 AR193-1 27 SA194-2
7.	Diesel replac	ption of Work:_ Generator inte ed due to galli embly:	rcooler_b	eat_excha	s_were nger_cc	replaced on t	ne "B"
8	Test C	onducted:					
		tatic (_> Pne (_>(below)	umatic (_	Norma	1 Overa	ting Pressure	(X)
9.	Remark	s: Leak test p	erformed_	per_AWO_r	etest_s	ection	
							AND THE REAL PROPERTY AND ADDRESS AND ADDRESS.

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules ASME Code, Section XI.

Signed: The Wily to Squill Date: 6/2/8/

## 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 CONNECTICUT and employed by Hartford Steam Boiler Insurance and Inspection during the period February 1, 1991 to May 10, 1991, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury, property damage, or a loss of any kind arising from or connected with this inspection.

Inspectors Signature: ElaCeth York Commissions: NC9394 CT1137

Date: 7/23/92

Also M3-89-20033 Bolting Replacement

महासम्बद्धाः	en en en en en en en en	tea file and and and an an an ear are not as are an an are	er mer well has mile meg men met mes me	THE REAL PROPERTY OF THE REAL PROPERTY IN	1 100 DE 101 JE 100 DE 101 I	no der get get get get der der get get get get get.	
1.	OWNER:	Northeast_Util:			D. SI	ate: <u>06/12/91</u> neet <u>l</u> of _	2
2.	PLANT:	Millstone Nucle	ear_Power_	Station	Uı	nit #3	
3.		erformed By: Mil s: P.O. Box 128		rdCT		JO_Numbers 3-90-11782	
4.	SYSTEM	: _Engineering_S _Euilding_HYAC			COI	DE CLASS _3	
57.0		able Const. Code n of Section XI					MZA Case
	an-agair nair man aine aine anns a	ar and any new and the time for the time time time and time and time	a pain, nath ann ainm mill sign, bail, sign ann	ann mil-jug ann site few our and	the cold this time has been seen	the control and control and the state of the state of	
6	IDENTIF	FICATION OF THE	COMPONENT	S REPAIR	ED OR RE	EPLACED:	
Ide		Name of Manufacture					Code
3890	280CUS21	3 Graham bin Co.	29066-4		11962	Replacement	THE RESIDENCE OF THE PART OF T
7-	exchani	otion of Work:_E er_inlet/outlet embly.	headS	tuds_and	nuts_we	ere damaned du	ring
8.	Test Co	onducted:					
		tatic (_) Pneu (_)(below)	matic (_)	Norma	1 Operat	ing Pressure	(X)
9.	Remarks	:_In_Service_Le	ak_Test_p	erformed	A	er anne sent met men men kenn sent kan sent sent en der sent sent	
		to the set that are, you are ago are fact the fact will be set the first	and the first time the state and the		MY WE ARE NOT THE WAY THE THE WAY	a and the first first day and have been provided and have been	a digit, which work price place their special deep.
			THE REPORT OF THE RESIDENCE AND THE		and the electron seed that had been	a para para anter albe tras, tras ante ante ante ante para para para para para para para par	A 400 AND AND AND AND AND AND AND AND
		the first most feel was such and was been been too the section of the section of	Ann. 200 AND 250 MAY NOT SAIL THE PART AND		-	n was some look from him him had been some som som had be	a contraction and active laws made from

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules ASME Code, Section XI.

Thoma W. Cy - English Date: 5/1/12

## 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 CONNECTICUT and employed by Hartford Steam Boiler Insurance and Inspection during the period February 1, 1991 to May 10, 1991, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury, property damage, or a loss of any kind arising from or connected with this inspection.

Inspectors Signature: Water Yolk

Date: 8/29/92

Commissions: CTIBT NA 9384

di: 100 100 10	9 egg sak titl tak hat sak (	200 AC TO SEC 200 AC TO SEC 200 AC TO SEC 200 AC TO SEC 200 AC	um de au de ma de militar de l		e der um der der der der der		OF SECURE AND SECURE AND SECURE
1.	OWNER:	Mortheast_Utili				ate: <u>06/24/9</u> 1 heet <u>1</u> of <u>6</u>	
2.	PLANT:	Millstone_Nucle	ar_Power_	Station	U	nit #3	
3.		erformed By: Mil s: P.O. Box 128		rdCT.		WO Numbers 3-91-06751	
4.	SYSTEM	: _Charping_Syst	<u>en</u>		C	ODE CLASS _3	
5.	Applic Editio	able Const. Code n of Section XI	ASME_III.	1971 E for Work	dition, 1983.	\$73 Addenda, \$83_	NZA Case
6.	IDENTI	FICATION OF THE	COMPONENT	S REPAIR	ED OR R	EPLACED:	
Ide	oonents ent. Ober	Name of Manufacture	Mfrs. Serial No.				Code
3 <u>CHS</u>	S*IK5R	E600 Ind s	RCN-204	50021	1283.1	Replacement	X65
AND DESCRIPTION OF	in the way the set was been	and, while the later have been shall have seen that the later than the later have	, and the same case with the same over the same	(NV	, Z	man index select value man	in nine and disk care and here have had
7.	Descri	ption of Work:	eplaced b	olting_m	eterial	on_3CHS*TK5B	manway
8.	Test C	onducted:					
		tatic (_) Pneu (X)(below)	matic (_)	Norma	d Opera	ting Pressure	()
9.		s: Tank is yent					07055470

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules ASME Code, Section XI.

Signed: Thus a Gran En Syn (11 Date: 5/15/9)

## 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 CONNECTICUT and employed by Hartford Steam Boiler Insurance and Inspection during the period February 1, 1991 to May 10, 1991, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this owner's report in accordance with the requirements of PSME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury, property damage, or a loss of any kind arising from or connected with this inspection.

Inspectors Signature: Elofeth Jan Commissions: CT1137 NB9384

1.	OWNER:	Mortheast Util: P.O. Box 128 x				te: <u>06/20/91</u> eet <u>1</u> of <u>2</u>	
2.	PLANT:	Millstone_Nucle	ear_Power_	Station	Un	it #3	
3.		erformed By: Mi.		rd CI	1557 275	0 Pumbers -94-07217	
4.		Charping Pum				DE CLASS 3	
E) a	Applica Edition	ble Const. Code of Section XI	DAM ANSI ADME 111 Utilized	B31.1 197 1.1271 E for Work	dition, . _1983	973 Addenda, 983	NZA Case
6.	IDENTIF	ICATION OF THE	COMPUNENT	S REPAIR	ED OR RE	PLACED:	
Ide	conents ent. wber	Name of Manufacture					Code
500i	EBELB/B	SWEC	NZA.	NZ0	NZA	Modification	Y 6 5
		a and that they have been seen that they have the time have they are t					the see her me her the the the the
7.		tion of Work: (					
	AND DESCRIPTION OF THE RELATIONS		es des les ses ses ses sès ses des des des des des des des des de	The Co. Co. See the own rest test and	erge some dette some dette some som dette nom some some som dette som som som som nom som som dette som som som som	while were start with their facts are start with their delth fills for their start are start when their start are st	AND THE SECOND S
		ne come come come come come come come com	ne and the last and the election for the	The file of the second control of the second	and the trans and the time was in	while your party of the first party was the first filler filler and the filler filler and the filler	MANE AND
8.		anducted:	ne mer den han met den ein den met met den	men dan paga saat dan dan mas mas untu yan men men dan dan mas mas	ner fine har fine den den sier der	age, and age may were the first first first than the same	gair and the par age has not see for
8.	Hydrost	anducted: (atic <_) Pres (X) (No retest re		men dan paga saat dan dan mas mas untu yan men men dan dan mas mas	ner fine har fine den den sier der	age, and age may were the first first first than the same	gair and the par age has not see for
8.	Hydrost	atic (_) Phe		men dan paga saat dan dan mas mas untu yan men men dan dan mas mas	ner fine har fine den den sier der	age, and age may were the first first first than the same	gair and the par age has not see for

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules ASME Code, Section XI.

2 Rmark To Ton Lyons Date: 8-20-92

## 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 CONNECTICUT and employed by Hartford Steam Boiler Insurance and Inspection during the period February 1, 1991 to May 10, 1991, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury, property damage, or a loss of any kind arising from or connected with this inspection.

Inspectors Signature Coasth Yor

Date: 08.20.92

Commissions: CTUST

1. OWNER Northeast Utilities P.O. Box 128 , Water	Service (	Co.		06-19-89 t 1 of 1	
2. PLANT Millstone Nuclear Pow			Unit	3	
3. Work Performed By Millston Address P.O. Box 128 Water	e Mainten	ance		Numbers 88-16683	
4. SYSTEM Service Water Syste			CODE	CLASS 3	
5. Applicable Const. Code ASM Edition of Section XI Utili	zed for wo	71 Edit ork 1983.	ion, <u>S</u> ,	73 Addenda, N/	A Case
6. IDENTIFICATION OF THE COMPO	NENTS REP	AIRED OR	REPLACE	D:	
Component Name of Ident. Manufacturer Number	Serial		Built	Repaired/ Replaced/ Replacement	
See Comments Colt	25	N/A	N/A	REPLACED	YES
8. Test Conducted: Hydrostatic / X/ Pneuma Other /XX/ LP - 249-79  9. Remarks:() PDCR M3-89-32 char (1) boEs Not Nachung	7 nged the m	aterial Pursis	form Car	bon steel to	Stainless
We certify that the states	iles ASME	Code , S	ection X	I.	nd this
Signed Thomas Ly	ton Sy	12/	_ Date _	1 - 15-51	
I, the undersigned, holding Board of Boiler and Pressure V Connecticut and employed by Eduring the period 05-03-89 to knowledge and belief, the own corrective measures described requirements of ASME Code, See By signing this certification any warranty, expressed or improved the corrective measures described Inspector nor his employer shall injury, property damage, or a with this inspection.  Inspectors Signature Date 09/28-/92	of INSER a valid Vessel Insert ford Societal Process of a valid Vessel Insert ford Societal Process of a valid Service Instruction XI. Service Instruction Instruc	VICE INSCOMMISSI PECTORS team Boi s 6-12-89n rformed wher's representations of the incerning per's Reble in any kind	PECTION on issue and the ler Insu d state examinat eport ir spector the exam port. Fi ny manne arising	ed by the National State or Provenance and Institute that to the lations and taken accordance where the state of the state	prince of spection pest of my en with the oyer makes either the record
Date 09 /28 /92					

1. OWNER Northeast Utilities Service Co. Date 06-19-89 P.O. Box 128 , Waterford , Conn. Sheet 1 of 1
2. PLANT Millstone Nuclear Power Station Unit 3
3. Work Performed By Millstone Maintenance AWO Numbers Address P.O. Box 128 Waterford Conn. M3-91-06774/07766/07566
4. SYSTEM Service Water System CODE CLASS 3
5. Applicable Const. Code <u>ASME III ,1971</u> Edition, <u>S,73</u> Addenda, <u>N/A</u> Case Edition of Section XI Utilized for work <u>1983,S83</u>
6. IDENTIFICATION OF THE COMPONENTS REPAIRED OR REPLACED:
Component Name of Mfrs. Nat'l. Year Repaired/ ASME Ident. Manufacturer Serial Bd. Built Replaced/ Code Number No. Replacement Stamped
SWP*V069 Henry Pratt D-0056-3-4 N/A N/A REPLACED YES
7. Description of Work: Replacement of the SWP*V069 with by a fabricated poolpiece to facilitate the installation of SWP*V069 in SWP*M050B location.
8. Test Conducted:  Hydrostatic /XXX/ Pneumatic / / Nominal Operating Pressure /XXX/  Other / X / MT  QAU 9-21-92  9. Remarks: None Mes NOT WILLUNG TEMPORARY BOLTING BUTNE REPLACEMENT  ON M 3-91-71090
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this
signed The w. Ly English Date 6 -15-91
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 Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 03-27-92 to 09-14-91, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.  By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury, property damage, or a loss of any kind arising from or connected with this inspection.
Inspectors Signature Ctatal Commissions CT 1137  Date 09-/28-/92  Commissions CT 1137

		COLUMN STATE OF THE SECTION SE			D 20 20 25 25 27 27 20	THE THE WILLIAM HAS NOT THE REAL PROPERTY BY	ATT MAT ON AT MIT AND AND AND AND AND ADDRESS.
1.		dortheast Utili				te:_06/20/91 eet _1_ of _2	
2.	PLANT: [	lillstone_Mucle	er_Power_S	Station	Un	it #3	
3.		formed By: Mil P.O. Box 128		d.Ci.		0 Numbers -91-22074	
4.	SYSTEM:	_Auxiliary_Eee	dwater_		CO	DE CLASS _3	
5.	Applicat Edition	ole Const. Code of Section XI	OSME_III.	Cr3 1974	EDITION, 1983.	3 244 4-28-9 672 Hoderdan 883	Z NZO Case
6.	1DENTIF)	CATION OF THE	COMPONENTS	S REPAIR	ED OR RE	PLACED:	
I cle		Name of Manufacture	Mfrs. Serial No.			Repaired/ Replaced/ Replacement	Code
BEWE	1*Y947	Ancher Parlin	в_3Ы-460	SZA	1975	_Eepair	Yes
MALE SHEET SHEET AN	to see that the service of the service of	to that you will also our was not true and their sale and their sale.	THE RES ARE SHE THE RES ARE SHE WAS DON'T	my been very with some ways when when	ON THE RES PER PER PER PER	MARY STATE AND AND SHEET WAS THAT WAS THE PART THAT THE	Alter Steel, Addr. Mark, Print, Sells, 1984, Steel,
7.	Descript in 3EWA	tion of Work: I	he_binge_i				placed_
7.							Plece Ce C
7.		EV947 &					
	Test Cor	EV947 &	and data and also data and and and and and and and and and an	the above state state state state state.  10. And the state state state state state.	mer place water state state value and and allow state state state state state and made state state state state state and made state state state state and made state state and made state state and made state and	and the min and the late the first that the art and the late the l	gam, gant hade deep least gant class.  Seen case, agent least least least least least.  Seen least least least least least least.  Seen least least least least least least.

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENI conforms to the rules ASME Code, Section XI.

Signed: To w 4 1 En 5 po 131 Date: 6(16/5)

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 CONNECTICUT and employed by <u>Hartford Steam Boiler Insurance and Inspection</u> during the period <u>February 1, 1991</u> to <u>May 10, 1991</u>, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury, property damage, or a loss of any kind arising from or connected with this inspection.

Inspectors Signatures Claseth Von

Dates (0/15, 1992

Commissions: CTITY

Northeast Utilities Service Co. Date: 07/07/92 1. OWNER:

P.O. Box 128, Waterford CT

Millstone Nuclear Power Station Unit #3 2. PLANT:

Maintenance

3. Work Performed By: Betterment Const. AWO Numbers Address: P.O. Box 128, Waterford CT M3-91-06374

4. SYSTEM: CHS CODE CLASS: 2

5. Applicable Const. Code: ASME III, 1971 Edition: \$73 Addenda: N/A Case Edition of Section XI Utilized for work 1983, \$83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

The second process and the second	Name of Manufacture	Mfrs No.		Repair/ Replacement	ASME Stamped
Flow Plate 3CHS#FT	Permutit	N/A	N-3568	Repair	YES

7. Description of work: Machining of a photographic finish on the 2" pancake

style orifice flow plate.

8. Test Conducted:

Other < LP >

Hydrostatic < > Pneumatic < > Normal Operating Pressure <>

Certificate of Compliance

We certify that the statements made in the report are correct and this repair conforms to the rules ASME Code, Section XI

## 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 3-15-91to 10-25-93 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: Mestery for

Commissions: CT 1137

Northeast Utilities Service Co. Date: 07/07/92

P.O. Box 128, Waterford CT

Millstone Nuclear Power Station Unit #3 2. PLANT:

3. Work Performed By: Betterment Const. AWO Numbers Address: P.O. Box 128, Waterford CT M3-91-16531

CODE CLASS: 3 4. SYSTEM: Service Water System

5. Applicable Const. Code: ASME III. 1971 Edition: S73 Addenda: N/A Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

	Name of Manufacture			Frank Market	ASME Stamped
3-SWP-21-8-2-3	Tioga	N/A	N/A	Replacement	YES

7. Description of work: Addition of a pair of slip-on flanges, to facilitate pipe

## access.

8. Test Conducted: Hydrostatic < > Other < X > (LP)

Pneumatic < > Normal Operating Pressure < X >

## Certificate of Compliance

We certify that the statements made in the report are correct and this replacement conforms to the rules ASME Code, Section XI

Date: 10-18-93

## 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 819 to 12498 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: (15 at 4 / Commissions: NE 9784

Date: 12/06/93

1. OWNER:

Northeast Utilities Service Co.

Date: 11/23/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address: P. O. Box 128, Waterford CT

M3-92-17587

4. SYSTEM:

CODE CLASS: 3

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: 573

Case Edition of Section XI Utilized for work 1983, S83

## 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
BOLD BY SHAREST STATE OF STREET STATE OF STREET	Pacific Southern	0531-2	N/A	Replacement	N/A

- 7. Description of work: Replace Valve Bonnet
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Date: 11-30-93

## 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 10-1-93 to 12-6-93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: Commissions: C71137

Date: 12/06/93 Replacement Benney 5/N NYY 7880 MAIT 392-266-02

1. OWNER:

Northeast Utilities Service Co.

Date: 11/30/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-22892

4. SYSTEM:

SWP

CODE CLASS: 3

5. Applicable Const. Code:

ASME III. Edition: 1974

Addenda: \$76

Case Edition of Section XI Utilized for work 1983, S83

## 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3SWP*P2A	Gould	N773B921-1	695	Replacement	Yes

7. Description of work: Replaced Pump with Spare

Mucal

8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < X > Pump Curve

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Date: 11-30-53

## 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 9.30.93 to 12/6/93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: That Why you

Commissions: NR 9384 C+ 1137

Date: 1266/93

1. OWNER:

Northeast Utilities Service Co.

Date: 07/07/92

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

Address:

AWO Numbers

P. O. Box 128, Waterford CT

M3-91-17764

4. SYSTEM:

CODE CLASS: 3

5. Applicable Const. Code:

ASME III, 1971 Edition: S73

Addenda: N/A

Case Edition of Section XI Utilized for work 1983,383

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components ID Number	Name of Manufacture	Mfrs. No.	Nat'l Serial	Repair / Replacement	ASME Stamped
3CCP*V005	Henry Pratt	N/A	D-0055-3-19	Replacement	YES
3CCP*V006	Henry Pratt	N/A	D-0055-3-21	Replacement	YES

- Description of work: Exchange Locations of 3CCP\*V005 and 3CCP\*V006
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: Smar Date: 12-7-93

## 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 4.4.91 to 12.7.97, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: (15546 /65)

Commissions: G1/37

Date: 12/7/93

1. OWNER:

Northeast Utilities Service Co.

Date: 07/07/92

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-91-17553

4. SYSTEM:

CODE CLASS: 3

5. Applicable Const. Code:

ASME III, 1971 Edition: \$73

Addenda: N/A

Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l	Repair /	ASME
ID Number	Manufacture	No.	Serial	Replacement	Stamped
3SWP*V068	Henry Pratt	N/A	D-0055-5-4	Replacement	YES

- 7. Description of work: Replacement of 3SWP\*V036 with 3SWP\*V068.
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: 20 Mal

Date: 10-28-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 10.19.91 to 12.6.93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Date: 12:06:93

Commissions: 1-1/37

1. OWNER:

Northeast Utilities Service Co.

Date: 07/07/92

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-91-22198

4. SYSTEM:

SWP

CODE CLASS: 3

5. Applicable Const. Code:

ASME III, 1971 Edition: S73

Addenda: N/A

Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l	Repair /	ASME
ID Number	Manufacture	No.	Serial	Replacement	Stamped
3SWP*V036	Henry Pratt	N/A	D-0056-3-1	Replacement	YES

- 7. Description of work: Replace 3SWP\*V068 with 3SWP\*V036
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: Oll Mark

Date: 10-7893

## 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 11.4.91 to 12.7.93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with the inspection.

Inspector's Signature:

Commissions: 14137

Date: 12/07/93

1. OWNER:

Northeast Utilities Service Co.

Date: 07/07/92

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

P. O. Box 128, Waterford CT Address:

M3-91-21754

4. SYSTEM:

CODE CLASS: 3

5. Applicable Const. Code:

ASME III. 1974 Edition: N/A

Addenda: N/A

Case Edition of Section XI Utilized for work 1985, S83

#### 5. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l	Repair /	ASME
ID Number	Manufacture	No.	Serial	Replacement	Stamped
3CHS*P2B	Crane	N/A	21927-29	Replacement	YES

escription of work: Replace Pump. Held Repair at Westinghouse, Spartanburg, S.C.

8. Test Conducted:

2 Chrank

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Date: 10-28-93

## 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 6.17.91 to 12.7.5 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: 41737

Date: 12/7/93

1. OWNER:

Mortheast Utilities Service Co.

Date: 09/08/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-92-04573

4. SYSTEM:

SWP

CODE CLASS: 3

5. Applicable Const. Code:

ASME III, 1971 Edition: \$73

Addenda: N/A

Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l	Repair /	ASME
ID Number	Manufacture	No.	Serial	Replacement	Stamped
3SWP*EJ1A	Flexonics, Inc.	N/A	N/A	Replacement	N/A

- 7. Description of work: Install Replacement Expansion Joint S/N H-4341
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: 2RMenl

Date: 10-26-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 6 3 27 to , and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Commissions: CT1137

Inspector's Signature: The about yard Date: 12/6/93

1. OWNER:

Northeast Utilities Service Co.

Date: 07/07/92

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By:

Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-91-17557

4. SYSTEM:

SWP

CODE CLASS: 3

5. Applicable Const. Code:

ASME III, 1971 Edition: \$73

Addenda: N/A

Case Edition of Section XI Utilized for work 1983,583

## 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l	Repair /	ASME
ID Number	Manufacture	No.	Serial	Replacement	Stamped
3SWP*V041	Henry Pratt	N/A	D-0055-5-3	Replacement	YES

- 7. Description of work: Replacement of 3SWP\*V041 With 3SWP\*V071.
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section X1

Date: 10-29-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 10.19.91 to 12.7.97, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: Lyal

Commissions: 4 1137

Date: 12/7/93

1. OWNER:

Northeast Utilities Service Co.

Date: 07/07/92

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-91-17556

4. SYSTEM:

SWP

CODE CLASS: 3

5. Applicable Const. Code:

ASME 11, 1971 Edition: \$73

Addenda: N/A

Case Edition of Section XI Utilized for work 1983,583

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l	Repair /	ASME
ID Number	Manufacture		Serial	Replacement	Stamped
3SWP*V040	Henry Pratt	N/A	D-0055-5-2	Replacement	YES

- 7. Description of work: Replacement of 3SWP\*V040 With 3SWP\*V070.
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: RMen L

Date: 10-29-93

#### 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 of Connecticut and employed by Ha. 7 d Steam Boiler Insurance and Inspection during the period 10.19.91 to 12.7.95, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures rescribed in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising froe or connected with this inspection.

Inspector's Signature:

Commissions: 4/1317

Date: 12/7/93

1. OWNER: Northeast Utilities Service Co. Date: 07/07/92

P.O. Box 128. Waterford CT

2. PLANT: Millstone Nuclear Power Station Unit #3

3. Work Performed By: Betterment Const. AWO Numbers Address: P.O. Box 128, Waterford CT M3-91-23439

4. SYSTEM: SWP

CODE CLASS: 3

5. Applicable Const. Code: ASME III, 1971 Edition: \$73 Addenda: N/A Case Edition of Section XI Utilized for work 1983,S83

## 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs	Nat'l	Repair/	ASME
ID Number	Manufacture	No.	Serial	Replacement	Stamped
3SWP*V3326	N/A	N/A	N/A	Repair	YES

7. Description of work: Increase weld thickness on support.

8. Test Conducted:

Other CAD VT-3

Hydrostatic < > Pneumatic < > Normal Operating Pressure < \_>

Certificate of Compliance

We certify that the statements made in the report are correct and this repair conforms to the rules ASME Code, Section XI

## 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 1/21-9/ to /2-7.93 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: For Commissions: 171137

Date: 12/1/83

Northeast Utilities Service Co. Date: 07/07/92

P.O. Box 128, Waterford CT

2. PLANT: Millstone Nuclear Power Station Unit #3

3. Work Performed By: Betterment Const. AWO Numbers Address: P.O. Box 128, Waterford CT M3-91-07216

4. SYSTEM: SWP CODE CLASS: 3

5. Applicable Const. Code: ASME III. 1971 Edition: S73 Addenda: N/A Case Edition of Section XI Utilized for work 1983, \$83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs	Nat'l	Repair/	ASME
ID Number	Manufacture	No.	Serial	Replacement	Stamped
3SWP*P1A	GUYON	N/A	N/A	Replacement	YES

7. Description of work: Braze on new flange to SWP\*PIA, Old one leaked,

8. Test Conducted:

Other < X > (VT)

Hydrostatic < > Pneumatic < > Normal Operating Pressure <>>

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement conforms to the rules ASME Code, Section XI

Date: 16-21-43

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 4.10.92 to 12.3.93 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection. Inspector's Signature: Eyarl Commissions: C71137

Date: 12.8.93

Northeast Utilities Service Co. Date: 07/07/92 1. OWNER:

P.O. Box 128. Waterford CT

2. PLANT: Millstone Nuclear Power Station Unit #3

MAINTENANCE

3. Work Performed By: Betterment Const. AWO Numbers Address: P.O. Box 128, Waterford CT M3-91-17336

4. SYSTEM: SWP

CODE CLASS: 3

5. Applicable Const. Code: ASMI II. 1971 Edition: \$73 Addenda: N/A Case Edition of Section XI Utilized for work 1983.S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

		Mfrs No.		Repair/ Replacement	ASME Stamped
3-SWP*MOV50B	Nova & Lone Star	N/A	N/A	Replacement	YES

7. Description of work: Replacement of bolting in 3-SWP\*MOV50B, AND \*EY INSTALLED VLV S/N D-0057-6-1.

8. Test Conducted:

Hydrostatic < > Other < X > (VT)

Pneumatic < > Normal Operating Pressure < >>

## Certificate of Compliance

We certify that the statements made in the report are correct and this replacement conforms to the rules ASME Code, Section XI

Date: 10-20-9-3

## 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 11-9-9 to 12-14-93 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: + Syert

Commissions: CT1137

Date: 12/14/93

Northeast Utilities Service Co. Date: 07/07/92 1. OWNER:

P.O. Box 128. Wate ford CT

Millstone Nuclear Power Station Unit #3 2. PLANT:

3. Work Performed By: Betterment Const. AWO Numbers M3-91-21454 Address: P.O. Box 128, Waterford CT

4. SYSTEM: SWP

CODE CLASS: 3

5. Applicable Const. Code: ASME III, 1971 Edition: \$73 Addenda: N/A Case Edition of Section XI Utilized for work 1983,\$83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

A CONTRACTOR OF THE PROPERTY O	Name of Manufacture	Mfrs No.	British Control of the Control of th	Repair/ Replacement	ASME Stamped
3-SWP*V069	PEPCO	N/A	N/A	Replacement	YES

7. Description of work: Replace studs with stude of the proper length.

8. Test Conducted:

Other < >

Hydrostatic < > Pneumatic < > Normal Operating Pressure <>>

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement conforms to the rules ASME Code, Section XI

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 1/2.9/ to 12.9/9, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section YI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection. Inspector's Signature: Lyon Commissions: CT 1137

Date: 12-14-93

Northeast Utilities Service Co. Date: 07/07/92

P.O. Box 128, Waterford CT

2. PLANT: Millstone Nuclear Power Station Unit #3

3. Work Performed By: Betterment Const. AWO Numbers Address: P.O. Box 128, Waterford CT

M3-91-21659

4. SYSTEM: SWP

CODE CLASS: 3

- 5. Applicable Const. Code: ASME III, 1971 Edition: \$73 Addenda: N/A Case Edition of Section XI Utilized for work 1983, \$83
- 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs	Nat'l	Repair/	ASME
ID Number	Manufacture	No.	Serial	Replacement	Stamped
3-SWP*V673	Contromatics	N/A	N/A	Replacement	YES

7. Description of work: Addition of a valve to provide supply side isolation

of the service water system.

8. Test Conducted:

Other < >

Hydrostatic < > Pneumatic < > Normal Operating Pressure <>

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement conforms to the rules ASME Code, Section XI

Signed: 2 Marl

Date: 10-21-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 10.31 % to 12.11/93 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Date: Scamber 14, 1993

Commissions: CT137

1. OWNER:

Northeast Utilities Service Co. Date: 07/07/92

P.O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Betterment Const.

AWO Numbers

Address: P.O. Box 128, Waterford CT

M3-91-17337

4. SYSTEM: SWI

CODE CLASS: 3

5. Applicable Const. Code: ASME III, 1971 Edition: S73 Addenda: N/A Case Edition of Section XI Utilized for work 1983, \$83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components ID Number		Mfrs No.		Repair/ Replacement	ASME Stamped
3-SWP*V070	Nova & Lone Star	N/A	Garage and an analysis of the second	Replacement	INVAMENTATION OF STREET

7. Description of work: Replacement of bolting in 3-SWP\*V070, and VALVE S/N D-0056-3-2 HAS BEEN INSTALLED AT THIS LOCATION, \*EY

8. Test Conducted: Hydrostatic < >

Pneumatic < > Normal Operating Pressure < >>

Other < X > (VT)

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement conforms to the rules ASME Code, Section XI

Signed: De mail

Date: 10-21-93

## 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 11-20-91012-14-93 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, parter the inspector nor his employer shall be liable in any manner for any amsonal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: (EY // atotal /al

Commissions: CT 1137

Northeast Utilities Service Co.

Date: 12/8/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-26896

4. SYSTEM:

CODE CLASS: 3

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: \$73

Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REFAIRED OR REPLACED:

Components ID Number	Name of Manufacture			Repair / Replacement	ASME Stamped
3SWP*P2A	Gould	N773B921-1	605/NB495	Repair	Yes

- 7. Description of work: Machined Stuffing Box Cover and Impellar Backing Plate
- 8. Test Conducted: N/A

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other < >

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of ASME Code, Section XI

Signed: 2/ mul

Date: 12-11-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 10.25 93 to 12.15.93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Date: 12.15.93

Commissions: OTIGTNB 9394

1. OWNER:

Northeast Utilities Service Co.

Date: 12/11/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-25248

4. SYSTEM:

SWP

CODE CLASS: 3

5. Applicable Const. Code:

ASME III, 1971 Edition: S73

Addenda: N/A

Case Edition of Section XI Utilized for work 1983, W85

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l	Repair /	ASME
ID Number	Manufacture	No.	Serial	Replacement	Stamped
3SWP*V696	Stone & Webster	N/A	N/A	Replacement	No

- 7. Description of work: Replace Flange Bolting
- 8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure <X > Other <>

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: 2 7ma L Date: 12-12-93

## 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period N. 14. 93 to 12.15.98, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Commissions: CT 1/37

Date: 12.15.93

1. OWNER:

Northeast Utilities Service Co.

Date: 11/23/93

P. O. Box 128, Waterford CT

2. PLANT

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-92-03629

4. SYSTEM:

CODE CLASS: 3

5. Applicable Const. Code:

SME III, Edition: 1971

Addenda: \$73

Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3FWA*V017	Anchor Tarling	3N-696	N/A	Replacement	No

- 7. Description of work: Hinge Pin Replacement
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < X > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: 2 Man ( Date: 12-12-93

## 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 81.85 to 12.15.95, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: //orl

Commissions: CT1/37

Date: 12.15.93

1. OWNER:

Northeast Utilities Service Co.

Date: 12/12/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-25231

4. SYSTEM:

SWP

CODE CLASS: 3

5. Applicable Const. Code:

ASME III, 1971 Edition: S73

Addenda: N/A

Case Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l -	Repair /	ASME
ID Number	Manufacture	No.	Serial	Replacement	Stamped
3SWP*V697	Stone & Webster	N/A	N/A	Replacement	No

- 7. Description of work: Replace Flange Bolting
- 3. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < X > Other < >

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: Shran L

Date: 12-12-93

## 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 10.44.83 to 12.15.93, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: Eyen OTUET - WIL Commissions: 141137

Date: 12.15.95

1. OWNER:

Northeast Utilities Service Co.

Date: 12/02/93

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-08095

4. SYSTEM:

CCE

CODE CLASS: 3

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: \$73

Case Edition of Section XI Utilized for work 1983, \$83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	Serial	Replacement	Stamped
3CCE*E1A	Stone & Webster	N/A	N/A	Modification	No

7. Description of work: Modified Support on Heat Exchanger

8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < >

Other < X > VT

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this modification conforms to the rules of ASME Code, Section XI

Signed: 2 Mal Date: 12-7-93

## 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 6.1.95 to 12.17.95, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any king arising from or connected with this inspection.

Inspector's Signature:

Commissions: CT/137

Date: 12/17/93

1. OWNER:

Northeast Utilities Service Co.

Date: 07/07/92

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-91-11786

4. SYSTEM:

CODE CLASS: 3

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: \$73

Code Edition of Section XI Utilized for work 1983, S83

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3SWP*EJ6C	Flexonics	N/A	N/A	Replacement	Yes

- 7. Description of work: Modification of Tie Rod Flanges
- 8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure <X > Other <X > VT

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Signed: 2R7ngL

Date: 12-15-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 6.10.92 to 12.16.97, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature:

Commissions: 071137

Date: 12-16-93

1. OWNER: Northeast Utilities Service Co. Date: 07/07/92

P.O. Box 128, Waterford CT

2. PLANT: Millstone Nuclear Power Station Unit #3

3. Work Performed By: Betterment Color AWO Numbers

Address: P.O. Box 128, Waterford CT

M3-91-01811

4. SYSTEM: SWP

CODE CLASS: 3

- 5. Applicable Const. Code: ASME III, 1971 Edition: S73 Addenda: N/A Case Edition of Section XI Utilized for work 1983.\$83
- 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

	Name of Manufacture	Mfrs No.		Repair/ Replacement	ASME Stamped
30" Exp. Joint	Flexonics	N/A	59260	Replacement	YES

7. Description of work: Monel joint replaced by Inconel 625 for increased

## pitting/corrosion resistance.

8. Test Conducted:

Other < >

Hydrostatic < > Pneumatic < > Normal Operating Pressure < ✓>

Certificate of Compliance

We certify that the statements made in the report are correct and this replacement conforms to the rules ASME Code, Section XI

Signed: RMur

Date: 10-21-93

#### 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period1-21-52 to 12-15-53 and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: + Chaboth Jan

Commissions: CT 1137

1. OWNER:

Northeast Utilities Service Co.

Date: 1/12/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-92-24035

4. SYSTEM:

CHS

CODE CLASS: 3

5. Applicable Const. Code:

ASME III, Edition: 1971

Addenda: S73

Case Edition of Section XI Utilized for work 1983, S83

## 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	SIN. For as	Serial	Replacement	Stamped
3CHS-TK5A	RECO	N/A *	N/A 73022	Replacement	No

- 7. Description of work: Replace manway bolt and (2) nuts
- 8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other < >

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of ASME Code, Section XI

Date: 1-12-94

#### CERTIFICATE OF INSERVICE INSPECTION

1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period 628.93 to 6.14.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Commissions: P1137

Date: \an 18,1894

1. OWNER:

Northeast Utilities Service Co.

Date: 1/14/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-93-07787

4. SYSTEM:

FWA

CODE CLASS: 3

5. Applicable Const. Code:

ASME III. Edition: 1971

Addenda: S73

Code Edition of Section XI Utilized for work 1983, S83

## 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3FWA*RV64B	Stone & Webster	N/A	N/A	Replacement	No

7. Description of work: Replaced Inlet Flange Bolting mrir 493-125-1 5 391-253-1

8. Test Conducted:

Hydrostatic < > Pneumatic < > Normal Operating Pressure < > Other <X > VT,IST

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair / replacement conforms to the rules of ASME Code, Section XI

Signed: 3 ( 77) Cm L - Date: 1-15-94

## CERTIFICATE OF INSERVICE INSPECTION

1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period DB-23-93 toD1-18-94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E YORK E

Commissions: CT 1137

Date: 20 JAN '94

1. OWNER:

Northeast Utilities Service Co.

Date: 1/12/94

P. O. Box 128, Waterford CT

2. PLANT:

Millstone Nuclear Power Station Unit #3

3. Work Performed By: Maintenance

AWO Numbers

Address:

P. O. Box 128, Waterford CT

M3-92-14164

4. SYSTEM:

CHS

CODE CLASS: 3

5. Applicable Const. Code:

ASME III, Edition: 1974

Addenda:

Code Edition of Section XI Utilized for work 1983, S83

#### 6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED:

Components	Name of	Mfrs.	Nat'l Board	Repair /	ASME
ID Number	Manufacture	S/N.	No.	Replacement	Stamped
3CHS*P2A	Crane	21927-18	N/A	Replacement	No

7. Description of work: Replaced Boric Acid Transfer Pump with spare

8. Test Conducted:

Hydrostatic < >

Pneumatic < > Normal Operating Pressure < X > Other < X > IST

#### CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair/replacement conforms to the rules of ASME Code, Section XI

Signed: Of Man

Date: 1/12/94

## 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 of Connecticut and employed by Hartford Steam Boiler Insurance and Inspection during the period \$ 17.92 to 1.27.94, and state that to the best of my knowledge and belief, the owner has performed examinations and has taken corrective measures described in this owner's report in accordance with the requirements of ASME Code, Section XI.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury, property damage, or loss of any kind arising from or connected with this inspection.

Inspector's Signature: E. Jord

Commissions: [7/137]

Date: 27 700'94