NUSCO

IN-SERVICE INSPECTION REPORT

CLASS 1, 2, SYSTEMS

AND

IWF - SUPPORTS

MILLSTONE NUCLEAR POWER STATION

UNIT 2

WATERFORD CONNECTICUT 06385

OWNER:

Northeast Nuclear Energy Company

P. O. Box 270

Hartford Connecticut 06101

Commercial Service Date:

December 26, 1975

Report Date: 9/27/95 1995 Moyd D. Baird Prepared By:

MP-2 ISI Coordinator

Reviewed By: John W. Riley

Manager, Technical Support

Approved By:_

2 10/13/9 Raymond P. Necci Director, MP-2 Engineering

9510230411 951016 ADOC PDR

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NUSCO

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OWNER'S DATA REPORT NIS-1

FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules

1. Owner North	neast Nuclear Energy Cor	mpany, P.O. Box, H	artford, CT 061	41
2. Plant <u>Millstor</u>	ne Nuclear Power Station (Name	, P.O. Box 128, Wat	erford, CT 0638	5
3. Plant Unit#	4. Owner Certific	ate of Authorization (if	required) <u>N</u>	1/A
7. Components Insp	pected	auonai board municos		
Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
RV Internals Visual Exam	MCE	67110	N/A	20914
RV Welds	MÇE	67110	N/A	20914
Loop Piping Welds	MBechtel	502-19	N/A	N/A
RV to Head Bolting	MCE	N/A	N/A	N/A
Class 1 Pump/ Valve Bolting	Various	N/A	N/A	N/A
Class 1 Piping Welds	Various	N/A	N/A	N/A
Class 2 Piping Welds	Various	N/A	N/A	N/A
Class 1, 2 & 3 Supports	Various	N/A	N/A	N/A
Aux Feedwtr Supports	Various	N/A	N/A	N/A
Vessel Welds	Various	N/A	N/A	N/A
Hydros	Various	N/A	N/A	N/A
Leak Tests	Various	N/A	N/A	N/A
			0	
				1

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is $8^{1/2}$ 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.

This form {E00029} may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-1 (back)

8. Examination Dates 7/28/94 to 8/2/95 9. Inspection Interval from 12/26/85 to 12/26/96

10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. See Sections 8, 9, and 10 of the attached report for

Class 1, Class 2 and IWF support examination results, respectively.

11. Abstract of Conditions Noted.

See Section 7 of the attached report.

12. Abstract of Corrective Measures Recommended and Taken See Section 11 of the attached report.

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.

Northeast Nuclear By Hyold Band Date SEPTEMBER 27 19 95 Signed Energy Co.

Certificate of Authorization No. (if applicable) - NA - Expiration Date - NA -

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 <u>Connecticut</u> and employed by <u>The Hfd Stm Blr 1&1 Co</u> of <u>Hartford, CT</u> have inspected the components described in this Owners' Data Report during the period <u>28 Jul 1994</u> to <u>02 Aug 1995</u>, 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 nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 13 Volalec 19% Commissions CT 1137 NB 9384 Elizabeth York National Board, State, Province and No. Inspector's Signature Northeast Nuclear Energy Company, P.O. Box 270, Hartford, CT 06141 1. Owner: (Name and Address of Owner) Plant: Millstone Nuclear Power Station, P.O. Box 128, Waterford, CT 06385 2. (Name and Address of Plant) 3. Plant Unit: 2 4. Owner Certificate of Authorization (if required): N/A Commercial Service Date: 12/26/75 6. National Board Number for Unit: 20914 5.

ABBREVIATIONS AND ACRONYMS

ABBREVIATIONS AND ACRONYMS

81W	- ASME Section XI, Winter 1981 Addenda
ANII	- Authorized Nuclear In-Service Inspector
AR	- ANII Review
Cal. Block	- UT Calibration Block
CEDM	- Control Element Drive Mechanism
ICI	- In-Core Instrumentation
ISI	- In-Service Inspection per ASME Section XI
RFO #12	- Refueling Outage #12
LP	- Liquid Penetrant
MT ,	- Magnetic Particle Examination
MP	- Magnetic Particle
MP-2	- Millstone Point Unit #2
MP-3	- Millstone Point Unit #3
NU	- Northeast Utilities
NUSCO	- Northeast Utilities Service Company
PR	- Plant Reviewer
PT	- Liquid Penetrant Testing
UT	- Ultrasonic Testing
VT	- Visual Examination

INTRODUCTION

INTRODUCTION

- During the Millstone Unit 2, Refueling Outage #12, the reactor vessel 10 year inservice examination was performed. The ultrasonic examinations were conducted by Southwest Research Institute and the visual examinations were conducted by ABB/Amdata and Southwest Research Institute.
- Volumetric, surface and visual examinations were performed as required by Section XI of the ASME Boiler and Pressure Vessel Code, 1980 Edition, including the Winter 1981 Addenda.
- 3. The above examinations were conducted during:
 - A mid cycle shutdown in 1994, to install oil drip pans on the reactor coolant pumps. At this time we performed the volumetric and surface examinations on the reactor coolant pump flywheels in accordance with Reg. Guide 1.14.
 - Several IWF category supports were visually examined for Code credit prior to the start of RFO 12.
 - From July 28, 1994 through August 2, 1995, the remainder of ASME Section XI, Second Interval visual, surface and volumetric in-service examinations were completed as listed herein.
- 4. All records, examination data sheets, personnel certificates, and equipment and material certificates for the examinations performed are on file at the Millstone Nuclear Power Station, Unit 2.
- Preservice examinations, when applicable, will be identified by Note #2, or a specific note, pertaining to the particular item listed in Sections 8, 9, or 10 of this report.
- Reactor Coolant Pump "B" motor was changed this outage. Reg. Guide 1.14 examinations were performed on this pump flywheel, prior to installation, of the new motor.
- For detailed examination information, please refer to the notes listed in the Examination Results section of this report.

PROCEDURES AND PERSONNEL QUALIFICATIONS

PROCEDURE LIST

ABB/AMDATA

NUMBER	REV.	TITLE					
NUSCO AMD-013	0	ECT OF REACTOR COOLANT PUMP FLYWHEELS					

NUMBER	REV.	PCNs	TITLE			
NU-LP-1	11	1,2,3,4	LP EXAM COLOR CONTRAST SOLVENT REMOVABLE			
NU-LP-1	12	1	LP EXAM COLOR CONTRAST SOLVENT REMOVABLE			
NU-LW-1	3		UT EXAM CLAD CARBON, CARBON, AND/OR STAINLESS STEEL BUTT WELDS			
NU-MP-1	10	1,2	MP EXAM YOKE METHOD			
NU-MP-3	2	1	MP EXAM THROUGH PAINT COATINGS			
NU-MP-4	0	1,2	MP EXAM DIRECT CONTACT, CENTRAL CONDUCTOR, AND COIL WET FLUORESCENT METHOD			
NU-UT-1	11	1,2,3,4	UT GENERAL REQUIREMENTS			
NU-UT-2	11	1,2	UT EXAM AUSTENITIC AND DISSIMILAR METAL WELDS			
NU-UT-3	8	1,2,3	UT EXAM FERRITIC PIPING WELDS			
NU-UT-5	7		UT EXAM THICKNESS MEASUREMENTS			
NU-UT-7	6	1	UT EXAM VESSEL WELDS			
NU-UT-17	6		UT EXAM NOZZLE TO SAFE END WELDS			
NU-UT-21	6		UT EXAM REACTOR COOLANT PUMP FLYWHEELS			
NU-UT-23	6	1	UT EXAM COMPONENT BOLTS AND STUDS			
NU-UT-26	4	1,2	PRIMARY COOLANT PIPING WELDS			
NU-VE-1	0	1	VISUAL EXAM (VT-1)			
NU-VE-2	0	1,2,3	VISUAL EXAM (VT-2) SYSTEM HYDROSTATIC AND LEAKAGE PRESSURE TESTS			
NU-VE-3	0		VISUAL EXAM (VT-3)			
SP 21144	3	1	UNDERWATER VISUAL INSPECTION OF THE REACTOR			

NORTHEAST UTILITIES

PROCEDURE LIST

RUST/CRAMER & LINDELL

NUMBER	REV.	TITLE				
RT-020	0	SPECIAL PROCESS SPECIFICATION RADIOGRAPHIC EXAMINATION OF WELDS				

SOUTHWEST RESEARCH INSTITUTE

NUMBER	REV.	TITLE
MIS-AUT14	1	AUTOMATED ULTRASONIC EXAMINATION OF PRESSURE RETAINING WELDS
MIS-AUT15	1	AUTOMATED INSIDE SURFACE UT EXAM OF FERRITIC VESSELS GREATER THAN 2" IN THICKNESS

PERSONNEL CERTIFICATIONS

	METHODS/LEVELS						
NAME	VT	PT	UT	MT	RT	ECT	EXP DATE EYE CERTS
D. L. ARMSTRONG		II	I	II			09/14/95
C. M. ELLIOTT		II	III	II			06/17/95
J. C. GRIGSBY	II	II	II			II	03/08/95
A. R. KETTEL		II		II			09/29/95
L. D. KIDD	II		III				02/28/95
H. T. MASTER	II						10/02/95
R. K. McDONALD	II	II	II	II			08/22/95
M. A. McKAIG	III	III	III	III			12/21/94
W. R. MURCH	II	II	I	II			01/12/95
S. W. NEWBOLD	III	III			III		08/12/95
G. A. POOLER	II	II	II				03/29/95
D. PROCTOR						II	02/08/95
C. E. SHAW	-		II				09/09/95
K. R. SMITH	II	II	II				11/03/94
F. M. SUCHAR	II	II		II			01/12/95
P. M. TALBOT		II	II	II			09/20/95

ABB/AMDATA

NORTHEAST UTILITIES

	METHODS/LEVELS						
NAME	VT	PT	UT	MT	RT	ECT	EXP DATE EYE CERTS
S. DUPLANTIS	II	II	II	II			12/05/95
T. LAWRENCE	III					II	09/08/95
R. PFANNENSTIEL		III	III	III	III		07/01/95
T. QUINLEY	II						10/26/95
J. TYROL	II						02/28/96
R. WITTMER						III	03/24/95
J. HECHT	III	III	III	III			01/03/95

PERSONNEL CERTIFICATIONS

RUST/CRAMER & LINDELL

		METHODS/LEVELS						
NAME	VT	PT	UT	MT	RT	ECT	EXP DATE EYE CERTS	
J. JACOBSON					I		11/14/95	
J. MATYAS	II	II		II			11/17/95	
R. MOSTOWY					II		12/23/95	
P. NEIDIG					II		12/23/95	

SOUTHWEST RESEARCH INSTITUTE

		METHODS/LEVELS						
NAME	VT	PT	UT	MT	RT	ECT	EXP DATE EYE CERTS	
J. DELGADO	II		II				01/21/95	
H. DIAZ	III		III				05/19/95	
E. ESCOBEDO	III		III				11/08/94	
P. GAINES	II		II				01/06/95	
B. HARDISTER	ITR		II				12/29/94	
M. KLEINJAN	II		II				01/19/95	
C. LITTLEFIELD	II		II				04/07/95	
S. MARIN	II		II				11/24/94	
S. RICHTER	ITR		ITR				12/27/94	
R. SPIVEY	II		II				06/02/95	
S. TIJERINA	ITR		ITR				01/14/95	
P. TURNER	II		II				03/07/95	
J. WARDWELL	II		II		1.1	1.1	03/16/95	

EQUIPMENT AND MATERIAL LIST

EQUIPMENT AND MATERIAL LIST

SERIAL NUMBER	FREQUENCY	SIZE	MANUFACTURER
C-5642/C-5643	1.00 MHz	1.0" X 1.25"	ABB AMDATA
H5238	2.25 MHz	1.00″	ABB AMDATA
29	2.25 MHz	0.75*	HARISONIC
306	5.00 MHz	0.75″	HARISONIC
17209	1.50 MHz	0.375″	KBA
24651	2.25 MHz	0.25″	KBA
24738	2.25 MHz	0.25″	КВА
33781	2.25 MHz	0.375″	KBA
53125	3.50 MHz	0.25"	КВА
78631	5.00 MHz	0.375″	KBA
D17695	2.25 MHz	0.75″	KBA
E30937	2.25 MHz	1.0"	KBA
F16223	2.25 MHz	0.5"	KBA
G15615	2.25 MHz	0.5" X 1.0"	KBA
G15624	2.25 MHz	0.5" X 1.0"	KBA
H21925	5.00 MHz	0.25"	KBA
K16415	2.25 MHz	1.0"	KBA
L26186	5.00 MHz	0.375″	KBA
90442	2.25 MHz	0.25" X 0.50"	MEGASONICS

ULTRASONIC TRANSDUCER

SOUTHWEST RESEARCH INSTITUTE

ULTRASONIC TRANSDUCER LIST

SERIAL NUMBER	FREQUENCY	SIZE	MANUFACTURER
D0521	2.25MHz	1.00"	AEROTECH
3262	2.25MHz	1.00"	SONATEST
3263	2.25MHz	1.00"	SONATEST
3264	2.25MHz	1.00"	SONATEST
3265	2.25MHz	1.00"	SONATEST
3266	2.25MHz	1.00"	SONATEST
ST1151	2.25MHz	1.00"	SONATEST
2512	2.25MHz	1.00	SwRI
3151	2.25MHz	1.00"	SwRI
3371	2.25MHz	.25" x 1.00"	SwRI
3991	2.25MHz	.25" x .50"	SwRI
4011	2.25MHz	.375" Dual	SwRI
4015	2.25MHz	.25" x 1.00"	SwRI
4039	2.25MHz	.25" x 1.00"	SwRI
4049	2.25MHz	.375" Dual	SwRI
4059	2.25MHz	.25" x 1.00"	SwRI
4060	2.25MHz	.25" x 1.00"	SwRI
4166	2.25MHz	1.00"	SwRI
4170	2.25MHz	1.00"	SwRI
4173	2.25MHz	1.00"	SwRI
4243	2.25MHz	.375"	SwRI
4352	2.25MHz	.25" x .50"	SwRI
4519	2.25MHz	.375" x 1.00"	SwRI
4520	2.25MHz	.375" x 1.00"	SwRI
4522	2.25MHz	.375" x 1.00"	SwRI
4523	2.25MHz	.375" x 1.00"	SwRI
4524	2.25MHz	.375" Dual	SwRI
4525	2.25MHz	.375" Dual	SwRI
4526	2.25MHz	.375" Dual	SwRI
4527	2.25MHz	.375" Dual	SwRI
4533	2.25MHz	.25" x 1.00"	SwRI
4536	2.25MHz	.25" x 1.00"	SwRI
4543	2.25MHz	.375" Dual	SwRI

EQUIPMENT AND MATERIAL LIST

CALIBRATION BLOCK LIST

NORTHEAST UTILITIES

CAL. BLOCK # M2-	DRAWING 25203-29449	REVISION
UT- 3	SHEET # 6	1
UT- 8	SHEET # 2	1
UT-15	SHEET #30	4/5
UT-16	SHEET #31	1
UT-20	SHEET # 3	1
UT-27	SHEET #20	1
UT-28	SHEET #28	1
UT-29	SHEET #22	1
UT-32	SHEET #24	2
UT-60	SHEET #60	1
	DRAWING #25203-28409	P
UT-50	PART #40	4

OTHERS

ITEM	SERIAL NUMBER	NOTE
(FOR ECT)	TB-2A	NONE
IIW REFERENCE BLOCK	93-7237	NONE
IIW REFERENCE BLOCK	93-7231	NONE
IIW REFERENCE BLOCK	93-7230	NONE
IIW REFERENCE BLOCK	91-5928	NONE
IIW REFERENCE BLOCK	91-5927	NONE
RCP FLYWHEEL	NONE	NONE
ROMPAS BLOCK	94-7426	NONE
ROMPAS BLOCK	94-7425	NONE
ROMPAS BLOCK	93-7227	NONE
ROMPAS BLOCK	6095-83	NONE
STEPWEDGE	85-4120	NONE
STEPWEDGE	94-7593	NONE
STEPWEDGE	94-7591	NONE
THERMOMETER	2524	NONE
THERMOMETER	2532	NONE

SOUTHWEST RESEARCH INSTITUE

ULTRASONIC CALIBRATION BLOCKS

CAL BLOCK # M2-	NU DRAWING 25203- 29449-	SWRI CAL. BLOCK REFERENCE #
UT-I	SHEET 8	D-2534-027
UT-2	SHEET 7	D-2534-032
UT- 4	SHEET 5	D-2534-033
UT- 8	SHEET 2	D-2534-028
UT- 9	SHEET 27	D-2534-029
UT-10	SHEET 26	D-2534-030
UT-15	SHEET 30	D-2534-031A

SOUTHWEST RESEARCH INSTITUTE

ULTRASONIC TEST EQUIPMENT

MANUFACTURER	ITEM	MODEL / TYPE	SERIAL or BATCH #
AL ADDODE	THEDMONTETED	T 160	079
AMPROBE	I HERMOMETER	1-150 MADK II	04831E
SONIC	UT INSTRUMENT	MARKI	04831E
SONIC	UT INSTRUMENT	MARK II	05325C
SONIC	UT INSTRUMENT	MARK II	05326E
SONIC/SwRI	UT INSTRUMENT	MARK IIA	171120
SONIC/SwRI	UT INSTRUMENT	MARK IIA	171121
SONIC/SwRI	UT INSTRUMENT	MARK IIA	171122
SONIC/SWRI	UT INSTRUMENT	MARK IIA	171123

EQUIPMENT AND MATERIAL LIST

CALIBRATION BLOCK LIST

NORTHEAST UTILITIES

OTHERS

ITEM	SERIAL NUMBER	NOTE
THERMOMETER	116727	NONE
THERMOMETER	116728	NONE
THERMOMETER	116732	NONE
THERMOMETER	116733	NONE
THERMOMETER	116734	NONE
THERMOMETER	116735	NONE
THERMOMETER	116736	NONE

CONDITIONS NOTED

CONDITIONS NOTED

- 1. Volumetric, surface and visual examinations were performed, as required, by the ASME Boiler and Pressure Vessel Code, Section XI, 1980 Edition, including the 1981 Winter Addenda. However, the extent of "Examinations for Class 1 (B-J) and Class 2 (C-F and C Edition, including the 1975 Summer Addenda, as required Edition, including the 1975 Summer Addenda, as required and/or permitted by 10CFR50.55a.
- 2. During the ten year in-service visual examination of the reactor vessel it was noted that one of the core barrel alignment keys (CBAK-1) was slightly out of position, by approximately .375" outward. This alignment key displacement was dispositioned to "Usc-As-Is" after ABB/Combustion Engineering Nuclear Operations provided an evaluation of this condition.
- 3. Four steam generator #2 manway studs were dispositioned as "Rejectable" by Engineering. They were replaced by four new studs that were visually examined for pre-service credit.
- 4. Two IWF 3 supports were also dispositioned as "Rejectable" by Engineering. They were subsequently repaired and reexamined for pre-service credit. These supports will also be re-examined during the first period of our third interval in accordance with the requirements of IWF.

CLASS 1 EXAMINATION RESULTS

Augmented Examinations

Examination Area: RCS Examination Method: Visual (VT)			
Item Number	Results	Remarks/Notes	
CBSL #4	ACCEPTABLE	VE-1 & 15/ 3	
CBSL #5	ACCEPTABLE	VE-1 & 15/ 3	
РВН-НР	ACCEPTABLE	VT-3/3	

Category B-A

Examination Area: Pressure Retaining Welds in Reactor Vessel Examination Method: Volumetric (UT) 0 - 45 - 60 Degree and 60 - 70 Degree

Item Number	Results	Remarks/Notes
BHC-1	ACCEPTABLE	UT / 1
BHV-1	ACCEPTABLE	UT/1,19
BHV-2	ACCEPTABLE	UT/1,19
BHV-3	ACCEPTABLE	UT/1,19
BHV-4	ACCEPTABLE	UT/1,19
BHV-5	ACCEPTABLE	UT/1,19
BHV-6	ACCEPTABLE	UT/1,19
СНМ-6	ACCEPTABLE	UT / 1
FS-1	ACCEPTABLE	UT / 1
HS-1	ACCEPTABLE	UT/1,19
LSL-1	ACCEPTABLE	UT / 1, 19
LSL-2	ACCEPTABLE	UT / 1
LSL-3	ACCEPTABLE	UT / 1
MSL-1	ACCEPTABLE	UT / 1, 19
MSL-2	ACCEPTABLE	UT / 1
MSL-3	ACCEPTABLE	UT / 1
SC-1	ACCEPTABLE	UT / 1
SC-2	ACCEPTABLE	UT / 1, 19
USL-1	ACCEPTABLE	UT / 1
USL-2	ACCEPTABLE	UT / 1
USL-3	ACCEPTABLE	UT/1,19

Category B-D

Examination Area:

Full Penetration Welds of Nozzles In Vessels Examination Method: Volumetric (UT) 0 - 45 - 60 Degree and 60 - 70 Degree Scans Visual (VT)

Item Number	Esults	Remarks/Notes
IR-1	ACCEPTABLE	UT / 4
IR-2	ACCEPTABLE	UT / 1
IR-3	ACCEPTABLE	UT / 1
IR-4	ACCEPTABLE	UT / 4
IR-5	ACCEPTABLE	UT / 1
IR-6	ACCEPTABLE	UT / 1
NS-1	ACCEPTABLE	UT/4,19
NS-2	ACCEPTABLE	UT / 1
NS-3	ACCEPTABLE	UT / 1
NS-4	ACCEPTABLE	UT/4,19
NS-5	ACCEPTABLE	UT / 1
NS-6	ACCEPTABLE	UT / 1
PR-NBH-1	ACCEPTABLE	VT-3/3
PR-NTH-1	ACCEPTABLE	VT-3/3
PR-NTH-3	ACCEPTABLE	VT-3/3
PR-NTH-4	ACCEPTABLE	VT-3/3
PR-NTH-5	ACCEPTABLE	VT-3/3

Category B-E

Item Number	Results	Remarks/Notes
CED-C-34X	ACCEPTABLE	VT-2/1
CED-C-37X	ACCEPTABLE	VT-2/1
CED-C-39X	ACCEPTABLE	VT-2/1
CED-C-41X	ACCEPTABLE	VT-2 / 1
CED-C-43X	ACCEPTABLE	VT-2 / 1
CED-C-45X	ACCEPTABLE	VT-2 / 1
CED-C-47X	ACCEPTABLE	VT-2 / 1
CED-C-49X	ACCEPTABLE	VT-2 / 1
CED-C-51X	ACCEPTABLE	VT-2 / 1
CED-C-53X	ACCEPTABLE	VT-2 / 1
CED-C-55X	ACCEPTABLE	VT-2 / 1
CED-C-57X	ACCEPTABLE	VT-2 / 1
CED-C-59X	ACCEPTABLE	VT-2 / 1
CED-C-61X	ACCEPTABLE	VT-2 / 1
CED-C-63X	ACCEPTABLE	VT-2 / 1
CED-C-65X	ACCEPTABLE	VT-2 / 1
CED-C-67X	ACCEPTABLE	VT-2 / 1
CED-C-69X	ACCEPTABLE	VT-2 / 1
IF-C-76Z	ACCEPTABLE	VT-2 / 1
IF-C-77Z	ACCEPTABLE	VT-2 / 1
PR-B-PEN-1	ACCEPTABLE	VT-2 & 3/ 1
PR-B-PEN-2	ACCEPTABLE	VT-2 & 3/ 1
PR-PHC-031	ACCEPTABLE	VT-2 / 1
PR-PHC-032	ACCEPTABLE	VT-2 / 1
PR-PHC-033	ACCEPTABLE	VT-2 / 1
PR-PHC-035	ACCEPTABLE	VT-2 / 1
PR-PHC-036	ACCEPTABLE	VT-2 / 1
PR-PHC-037	ACCEPTABLE	VT-2 / 1

Category B-E

Item Number	Results	Remarks/Notes
PR-PHC-039	ACCEPTABLE	VT-2/1
PR-PHC-040	ACCEPTABLE	VT-2 / 1
PR-PHC-041	ACCEPTABLE	VT-2 / 1
PR-PHC-042	ACCEPTABLE	VT-2 / 1
PR-PHC-043	ACCEPTABLE	VT-2 / 1
PR-PHC-045	ACCEPTABLE	VT-2 / 1
PR-PHC-046	ACCEPTABLE	VT-2 / 1
PR-PHC-047	ACCEPTABLE	VT-2 / 1
PR-PHC-048	ACCEPTABLE	VT-2 / 1
PR-PHC-049	ACCEPTABLE	VT-2 / 1
PR-PHC-050	ACCEPTABLE	VT-2 / 1
PR-PHC-051	ACCEPTABLE	VT-2 / 1
PR-PHC-052	ACCEPTABLE	VT-2 / 1
PR-PHC-053	ACCEPTABLE	VT-2 / 1
PR-T-PEN-1	ACCEPTABLE	VT-2 & 3 / 5
PR-T-PEN-2	ACCEPTABLE	VT-2 & 3 / 5
PR-T-PEN-3	ACCEPTABLE	VT-2 & 3 / 5
PR-T-PEN-4	ACCEPTABLE	VT-2 & 3 / 5
PR-T-PEN-5	ACCEPTABLE	VT-2 & 3 / 5

Category B-F

Examination Method: Surface (PT) Volumetric (UT)				
Item Number	Results	Remarks/Notes		
BPD-C-1017	ACCEPTABLE	PT / 1		
BPD-C-3000	ACCEPTABLE	PT / 1		
BPS-C-1001	ACCEPTABLE	PT UT / 1		
BPY-C-3000	ACCEPTABLE	PT / 1		
BSI-C-1001	ACCEPTABLE	PT UT / 1		
P-4-C-1	ACCEPTABLE	PT UT / 1, 18		
P-8-C-1	ACCEPTABLE	PT UT / 1, 18		
P-9-C-3	ACCEPTABLE	PT UT / 1, 18		

Examination Area: Pressure Retaining Dissimilar Metal Welds Examination Method: Surface (PT) Volumetric (UT)

Category B-G-1

Examination Area: Pressure Retaining Bolting Larger Than 2" in Dia. Examination Method: Volumetric (UT) Surface (MT) Visual (VT-1)

Item Number	Results	Remarks/Notes
N-37 through N-54	ACCEPTABLE	MT / 1
RP-40B-N-01-16	ACCEPTABLE	VT-1 / 1
RP-40B-S-01-16	ACCEPTABLE	UT / 1
RP-40C-N-01-16	ACCEPTABLE	VT-1 / 1
RP-40C-S-01-16	ACCEPTABLE	UT / 1
S-37A through S-54A	ACCEPTABLE	MT UT / 1
T-01 through T-54	ACCEPTABLE	UT / 1
W-37 through W-54	ACCEPTABLE	VT-1 / 1

Category B-G-2

Item Number	Results	Remarks/Notes
CH-431	ACCEPTABLE	VT-1 / 1
CH-432	ACCEPTABLE	VT-1 / 1
CH-434	ACCEPTABLE	VT-1 / 1
CH-516	ACCEPTABLE	VT-1 / 1
CH-517	ACCEPTABLE	VT-1 / 1
CH-518	ACCEPTABLE	VT-1 / 1
HJTC-A	ACCEPTABLE	VT-1 / 1
HJTC-B	ACCEPTABLE	VT-1 / 1
ICI-70-HJTC	ACCEPTABLE	VT-1 / 1
ICI-71-HJTC	ACCEPTABLE	VT-1 / 1,6
ICI-72-HJTC	ACCEPTABLE	VT-1 / 1, 6
ICI-73-HJTC	ACCEPTABLE	VT-1 / 1,6
ICI-74-HJTC	ACCEPTABLE	VT-1 / 1
ICI-75-HJTC	ACCEPTABLE	VT-1 / 1,6
ICI-76-HJTC	ACCEPTABLE	VT-1 / 1,6
ICI-77-HJTC	ACCEPTABLE	VT-1 / 1
IF-B-70	ACCEPTABLE	VT-1 / 3
IF-B-75	ACCEPTABLE	VT-1 / 1
IF-B-76	ACCEPTABLE	VT-1 / 1
IF-B-77	ACCEPTABLE	VT-1 / 1
PR-B-2	ACCEPTABLE	VT-1 / 1
RC-402 BONNET	ACCEPTABLE	VT-1 / 1
RC-402 FLANGE	ACCEPTABLE	VT-1 / 1
SG-1-B-1-A	ACCEPTABLE	VT-1 / 1
SG-1-B-3-A	ACCEPTABLE	VT-1 / 1
SG-2-B-1-A	ACCEPTABLE	VT-1 / 1
SG-2-B-3-A	ACCEPTABLE	VT-1 / 1
SI-225 BONNET	ACCEPTABLE	VT-1 / 1

Examination Area: Pressure Retaining Bolting Two Inches in Diameter and Less Examination Method: Visual (VT)

Category B-G-2

Examination Method: Visual (VT)		
Item Number	Results	Remarks/Notes
SI-225-PIVOT	ACCEPTABLE	VT-1 / 1
SI-624 BONNET	ACCEPTABLE	VT-1 / 1
SI-706D BONNET	ACCEPTABLE	VT-1 / 1

Examination Area: Pressure Retaining Bolting Two Inches in Diameter and Less

Category B-J

Examination Area: Examination Method:

ea: Pressure Retaining Welds in Piping thod: Volumetric (UT) or (RT) and Surface (PT) or (MT) 4" Pipe Size and Over Surface (PT) or (MT) Pipe Sizes Less Than 4"

Item Number	Results	Remarks/Notes
BPD-C-1003	ACCEPTABLE	PT / 1
BPD-C-1019	ACCEPTABLE	PT / 1
BPD-C-4000A	ACCEPTABLE	MT / 1
BPR-C-5106	ACCEPTABLE	PT UT / 1
BPS-C-1001A	ACCEPTABLE	MT UT / 1
BPY-C-1015	ACCEPTABLE	PT / 1
BPY-C-3008	ACCEPTABLE	PT / 1
BPY-C-3010	ACCEPTABLE	PT / 1
BSI-C-1015	ACCEPTABLE	PT UT / 1
BSI-C-1017	ACCEPTABLE	PT UT / 1
BSI-C-2005	ACCEPTABLE	PT UT / 1
BSI-C-2013	ACCEPTABLE	PT UT / 1
BSI-C-3006	ACCEPTABLE	PT UT / 1
BSI-C-3038	ACCEPTABLE	PT UT / 1
BSI-C-3040	ACCEPTABLE	PT UT / 1
BSI-C-3062	ACCEPTABLE	PT UT / 1
ICI-74-Y-1- ICI-73-Y-1	ACCEPTABLE	PT-RT / 1
ICI-75-Y-1	ACCEPTABLE	PT-RT / 1
ICI-76-Y-1	ACCEPTABLE	PT-RT / 1
ICI-77-Y-1	ACCEPTABLE	PT-RT / 1
P-1-C-3-B	ACCEPTABLE	MT UT / 1
P-1-L-3	ACCEPTABLE	MT UT / 1
P-1-L-4	ACCEPTABLE	MT UT / 1
P-14-C-1	ACCEPTABLE	UT / 1, 7
P-14-C-2	ACCEPTABLE	UT / 1, 7
P-14-L-1	ACCEPTABLE	UT / 1, 7
P-14-L-1-A	ACCEPTABLE	UT / 1,7

12B 10/10/95 Exto 10.95

Category B-J

Examination Area: Pressure Retaining Welds in Piping Examination Method: Volumetric (UT) or (RT) and Surface (PT) or (MT) 4" Pipe Size and Over Surface (PT) or (MT) Pipe Sizes Less Than 4"

Item Number	Results	Remarks/Notes
P-14-L-2	ACCEPTABLE	UT / 1, 7
P-14-L-2-A	ACCEPTABLE	UT / 1, 7
P-14-L-3	ACCEPTABLE	UT / 1, 7
P-14-L-4	ACCEPTABLE	UT / 1, 7
P-16-C-2	ACCEPTABLE	MT UT / 1
P-16-L-1	ACCEPTABLE	MT UT / 1
P-16-L-2	ACCEPTABLE	MT UT / 1
P-16-L-3-A	ACCEPTABLE	MT UT / 1
P-16-L-4-A	ACCEPTABLE	MT UT / 1
P-4-L-1-A	ACCEPTABLE	PT UT / 1
P-4-L-2-A	ACCEPTABLE	PT UT / 1
P-8-L-1-A	ACCEPTABLE	PT UT / 1
P-8-L-2-A	ACCEPTABLE	PT UT / 1
P-9-C-1	ACCEPTABLE	UT / 1, 7
P-9-C-2	ACCEPTABLE	UT / 1, 7
P-9-L-1	ACCEPTABLE	UT / 1.7
P-9-L-1-A	ACCEPTABLE	UT / 1, 7
P-9-L-2	ACCEPTABLE	UT / 1, 7
P-9-L-2-A	ACCEPTABLE	UT / 1, 7
P-9-L-3	ACCEPTABLE	UT / 1, 7
P-9-L-3-A	ACCEPTABLE	MT UT / 1
P-9-L-4	ACCEPTABLE	UT / 1, 7
P-9-L-4-A	ACCEPTABLE	MT UT / 1

Category B-K-1

Examination Area: Integral Attachments for Piping, Pumps, and Valves Examination Method: Surface (PT)		
Item Number	Results	Remarks/Notes
508003-PSLH02	ACCEPTABLE	PT / 8
510020	ACCEPTABLE	PT / 1
RP-40B-L-1	ACCEPTABLE	PT / 1
RP-40B-L-2	ACCEPTABLE	PT / 1
RP-40B-L-3	ACCEPTABLE	PT / 1
RP-40B-L-4	ACCEPTABLE	PT / 1
RP-40D-L-1	ACCEPTABLE	PT / 1
RP-40D-L-2	ACCEPTABLE	PT / 1
RP-40D-L-3	ACCEPTABLE	PT / 1
RP-40D-L-4	ACCEPTABLE	PT / 1

3
Category B-M-2

Examination Area: Examination Method:	Valve Bodies Visual (VT)		
Item Number		Results	Remarks/Notes

Item Number	Results	Remarks/Notes
SI-706D INT	ACCEPTABLE	VT-3 / 1

Category B-N-1

Examination Area: Interior of Reactor Vessel Examination Method: Visual (VT)			
Item Number	Results	Remarks/Notes	
CHKW-1	ACCEPTABLE	VT-3 / 1	
CHKW-2	ACCEPTABLE	VT-3 / 1	
CHKW-3	ACCEPTABLE	VT-3 / 1	
CHKW-4	ACCEPTABLE	VT-3 / 1	
СНМЗ	ACCEPTABLE	VT-3 / 1	
FBS	ACCEPTABLE	VT-3 / 1	
KW-1	ACCEPTABLE	VT-3 / 1	
KW-2	ACCEPTABLE	VT-3 / 1	
KW-3	ACCEPTABLE	VT-3 / 1	
KW-4	ACCEPTABLE	VT-3 / 1	
ONB-1	ACCEPTABLE	VT-3 / 1	
ONB-2	ACCEPTABLE	VT-3 / 1	
RV-INT	ACCEPTABLE	VT-3 / 1	
SC-1.1	ACCEPTABLE	VT-3 / 1	
SC-2.1	ACCEPTABLE	VT-3 / 1	
SC-3	ACCEPTABLE	VT-3 / 1	
SC-4	ACCEPTABLE	VT-3 / 1	
SC-5	ACCEPTABLE	VT-3 / 1	
SC-6	ACCEPTABLE	VT-3 / 1	

Category B-N-2

Examination Area: Integrally Welded Core Support Structures and Interior Attachments to Reactor Vessels Examination Method: Visual (VT)

Item Number	Results	Remarks/Notes
CLS-1	ACCEPTABLE	VT-3 / 1
CLS-2	ACCEPTABLE	VT-3 / 1
CSL-3	ACCEPTABLE	VT-3 / 1
CSL-4	ACCEPTABLE	VT-3 / 1
CSL-5	ACCEPTABLE	VT-3 / 1
CSL-6	ACCEPTABLE	VT-3 / 1
CSL-7	ACCEPTABLE	VT-3 / 1
CSL-8	ACCEPTABLE	VT-3 / 1
CSL-9	ACCEPTABLE	VT-3 / 1
18-1	ACCEPTABLE	VT-3 / 1
IS-2	ACCEPTABLE	VT-3 / 1
IS-3	ACCEPTABLE	VT-3 / 1
15-4	ACCEPTABLE	VT-3 / 1
IS-5	ACCEPTABLE	VT-3 / 1
IS-6	ACCEPTABLE	VT-3 / 1

Category B-N-3

Item Number	Results	Remarks/Notes
CBAK-1	ACCEPTABLE	VT-3 / 1 3
CBAK-2	ACCEPTABLE	VT-3 / 1
CBAK-3	ACCEPTABLE	VT-3 / 1
CBAK-4	ACCEPTABLE	VT-3 / 1
CBGL-1	ACCEPTABLE	VT-3 / 1
CBGL-2	ACCEPTABLE	VT-3 / 1
CBGL-3	ACCEPTABLE	VT-3 / 1
CBGL-4	ACCEPTABLE	VT-3 / 1
CBGW	ACCEPTABLE	VT-3 / 1
CBMS	ACCEPTABLE	VT-3 / 1
CSA	ACCEPTABLE	VT-3 / 1
CSB	ACCEPTABLE	VT-3 / 1
CSW	ACCEPTABLE	VT-3 / 1
IGT	ACCEPTABLE	VT-3 / 1
INTERNALS	ACCEPTABLE	VT-3 / 1
LCSP	ACCEPTABLE	VT-3 / 1
LCSS	ACCEPTABLE	VT-3 / 1
ONP-1	ACCEPTABLE	VT-3 / 1
ONP-2	ACCEPTABLE	VT-3 / 1
PCES	ACCEPTABLE	VT-3 / 1
SB-1	ACCEPTABLE	VT-3 / 1
SB-2	ACCEPTABLE	VT 3 / 1
SB-3	ACCEPTABLE	VT-3 / 1
SB-4	ACCEPTABLE	VT-3 / 1
SB-5	ACCEPTABLE	VT-3 / 1
SB-6	ACCEPTABLE	VT-3 / 1
UGFAP	ACCEPTABLE	VT-3 / 1
UGHDR	ACCEPTABLE	VT-3 / 1

Examination Area: Removable Core Support Structures Examination Method: Visual (VT)

Category B-N-3

Examination Area: Removable Core Support Structures Examination Method: Visual (VT)			
Item Number	Results	Remarks/Notes	
UGKW-1	ACCEPTABLE	VT-3 / 1	
UGKW-2	ACCEPTABLE	VT-3 / 1	
UGKW-3	ACCEPTABLE	VT-3 / 1	
UGKW-4	ACCEPTABLE	VT-3 / 1	

Category B-O

Examination Method: Surface (PT)			
Item Number	Results	Remarks/Notes	
CED-C-61S	ACCEPTABLE	PT / 1	
CED-C-61T	ACCEPTABLE	PT / 1	
CED-C-61U	ACCEPTABLE	PT / 1	
CED-C-61V	ACCEPTABLE	PT / 1	
CED-C-62S	ACCEPTABLE	PT / 1	
CED C-62T	ACCEPTABLE	PT / 1	
CED-C-62U	ACCEPTABLE	PT / 1	
CED-C-62V	ACCEPTABLE	PT / 1	
CED-C-63S	ACCEPTABLE	PT / 1	
CED-C-63T	ACCEPTABLE	PT / 1	
CED-C-63U	ACCEPTABLE	PT / 1	
CED-C-63V	ACCEPTABLE	PT / 1	

Examination Area: Pressure Retaining Welds in Control Rod Housings Examination Method: Surface (PT)

Category C-4.A

Examination Area: Reactor Coolant Pump Flywheels High Stressed Area (Bore & Keyway) Examination Method: Volumetric (UT)

Item Number	Results	Remarks/Notes
RP-40A-FHS	ACCEPTABLE	UT / 10
RP-40B-FHS	ACCEPTABLE	UT / 10
RP-40C-FHS	ACCEPTABLE	UT / 10
RP-40D-FHS	ACCEPTABLE	UT / 10

Category C-4.B

Examination	Area:	Reactor Coolant	Pump Flywheel
Examination	Method:	Volumetric (UT)	Surface (ECT)

Item Number	Results	Remarks/Notes
RP-40A-FW	ACCEPTABLE	ECT UT / 10
RP-40B-FW	ACCEPTABLE	ECT UT / 10
RP-40C-FW	ACCEPTABLE	ECT UT / 10
RP-40D-FW	ACCEPTABLE	ECT UT / 10

SECTION 9

CLASS 2 EXAMINATION RESULTS

Category C-B

Examination Area: Pressure Retaining Nozzle Welds in Vessels Examination Method: Volumetric (RT) Surface (MT)

Item Number	Results	Remarks/Notes
SIBC-B-2	ACCEPTABLE	MT RT / 1

Category C-C

Examination Area: Integral Attachments for Vessels, Piping, Pumps & Valves Examination Method: Surface (PT) or (MT)

Item Number	Results	Remarks/Notes
402007	ACCEPTABLE	PT / 8
402048	ACCEPTABLE	PT / 1
402088	ACCEPTABLE	PT / 1
402097	ACCEPTABLE	PT / 1
402101	ACCEPTABLE	PT / 1
412017	ACCEPTABLE	MT / 1

Category C-F

Examination Area: Examination Method:

Pressure Containing Welds in Piping
 Thickness 1/2* or Less, Surface (PT) or (MT); Thickness Over 1/2*,
 Volumetric (UT) or (RT) Surface (PT) or (MT)

Item Number	Results	Remarks/Notes			
2-CG-CP-070	ACCEPTABLE	MT / 1			
2-CG-W-013	ACCEPTABLE	MT / 1			
2-CG-W-041	ACCEPTABLE	MT / 1			
2-CG-W-056	ACCEPTABLE	MT / 1			
2-CG-W-CHP-02	ACCEPTABLE	MT / 1			
FWB-C-G-17	ACCEPTABLE	MT / 1			
HSI-CF-07	ACCEPTABLE	PT / 1			
HSI-CF-37	ACCEPTABLE	PT UT / 1			
MSA-CG-20A	ACCEPTABLE	PT RT/ 1			
MSA-CG-20B	ACCEPTABLE	PT RT/ 1			
MSA-CG-20C	ACCEPTABLE	PT RT/ 1			
PBA-5	ACCEPTABLE	PT RT/ 1			
SI-CF-A-025	ACCEPTABLE	PT / 1			
SI-CF-A-104	ACCEPTABLE	PT / 1			
SI-CF-B-069	ACCEPTABLE	PT / 1			
SI-CF-B-109	ACCEPTABLE	PT / 1			
SI-CF-X-15	ACCEPTABLE	PT / 1			
SI-CF-X-35	ACCEPTABLE	PT / 1			
SI-CF-X-48	ACCEPTABLE	PT / 1			
SI-CF-X-49	ACCEPTABLE	PT / 1			

SECTION 10

IWF EXAMINATION RESULTS

Category IWF 1

Item Number	Results	Remarks/Notes
310019	ACCEPTABLE	VT-3 / 1
408017-B	ACCEPTABLE	VT-3 / 1
408017-D	ACCEPTABLE	VT-3 / 1
408017-E	ACCEPTABLE	VT-3 / 1
410036	ACCEPTABLE	VT-3 / 1
410039	ACCEPTABLE	VT-3 / 12
410041-PSH23	ACCEPTABLE	VT-3 / 1
410041-PSH30	ACCEPTABLE	VT-3 / 1
410044	ACCEPTABLE	VT-3 / 12
410045	ACCEPTABLE	VT-3 / 11
410046	ACCEPTABLE	VT-3 / 1
410047	ACCEPTABLE	VT-3 / 12
410048	ACCEPTABLE	VT-3 / 1
410051	ACCEPTABLE	VT-3 / 1
410059	ACCEPTABLE	VT-3 / 1
410062-L	ACCEPTABLE	VT-3 / 1
410062-R	ACCEPTABLE	VT-3 / 1
410083	ACCEPTABLE	VT-3 / 1
410095	ACCEPTABLE	VT-3 / 13
410103	ACCEPTABLE	VT-3 / 1
410107	ACCEPTABLE	VT-3 / 1
410110-PSA08	ACCEPTABLE	VT-3 / 1
491412-L	ACCEPTABLE	VT-3 / 1
508003-PSLH02.1	ACCEPTABLE	VT-3 / 13
DP-158	ACCEPTABLE	VT-3 / 1

Examination Area: Class 1 IWF Supports

Category IWF 2

Item Number	Results	Remarks/Notes
#1-SH4-155	REMOVED	VT-3 / 16
302053	ACCEPTABLE	VT-3 / 1
302078	ACCEPTABLE	VT-3 / 14
302080.1	ACCEPTABLE	VT-3 / 1
302092	ACCEPTABLE	VT-3 / 1
312009	ACCEPTABLE	VT-3 / 1
312015	ACCEPTABLE	VT-3 / 1
380109	ACCEPTABLE	VT-3 / 1
402002	ACCEPTABLE	VT-3 / 13
402003	ACCEPTABLE	VT-3 / 1
402005	ACCEPTABLE	VT-3 / 1
402006	ACCEPTABLE	VT-3 / 1
402007.1	ACCEPTABLE	VT-3 / 14
402009	ACCEPTABLE	VT-3 / 14
402022	ACCEPTABLE	VT-3 / 14
402023.1	ACCEPTABLE	VT-3 / 13
402038	ACCEPTABLE	VT-3 / 13
402043	ACCEPTABLE	VT-3 / 1
402048.1	ACCEPTABLE	VT-3 / 14
402084	ACCEPTABLE	VT-3 / 1
402086	ACCEPTABLE	VT-3 / 14
402094	ACCEPTABLE	VT-3 / 14
402097.1	ACCEPTABLE	VT-3 / 1
402101.1	ACCEPTABLE	VT-3 / 1
402116	ACCEPTABLE	VT-3 / 1
402120	ACCEPTABLE	VT-3 / 1
402121	ACCEPTABLE	VT-3 / 1
410067	ACCEPTABLE	VT-3 / 1

Examination Area: Class 2, IWF Supports

Item Number	Results	Remarks/Notes
412010	ACCEPTABLE	VT-3 / 1
412017.1	ACCEPTABLE	VT-3 / 1
412018	ACCEPTABLE	VT-3 / 1
417004	ACCEPTABLE	VT-3 / 1
417007	ACCEPTABLE	VT-3 / 1
417009	ACCEPTABLE	VT-3 / 1
502030	ACCEPTABLE	VT-3 / 13
505274	ACCEPTABLE	VT-3 / 1
70010	ACCEPTABLE	VT-3 / 17
70039	ACCEPTABLE	VT-3 / 17
SG-1-CC-1.1	ACCEPTABLE	VT-3 / 1
SG-1-CC-2.1	ACCEPTABLE	VT-3 / 1

Category IWF 3

Item Number	Results	Remarks/Notes
#1-SH9-156	ACCEPTABLE	VT-3 / 12
#2-SH9-156	REMOVED	VT-3 / 16
60346	ACCEPTABLE	VT-3 / 1
060359	ACCEPTABLE	VT-3 / 15
070090	ACCEPTABLE	VT-3 / 1
305136	ACCEPTABLE	VT-3 / 1
305560	ACCEPTABLE	VT-3 / 1
305561	ACCEPTABLE	VT-3 / 14
305625	ACCEPTABLE	VT-3 / 1
305661	ACCEPTABLE	VT-3 / 1
305916	ACCEPTABLE	VT-3 / 1
305961	ACCEPTABLE	VT-3 / 12
305995	ACCEPTABLE	VT-3 / 12
329044	ACCEPTABLE	VT-3 / 1
329045	REMOVED	VT-3 / 16
329048	ACCEPTABLE	VT-3 / 14
329049	ACCEPTABLE	VT-3 / 1
329050	ACCEPTABLE	VT-3 / 14
329051	ACCEPTABLE	VT-3 / 1
329053	ACCEPTABLE	VT-3 / 1
329055	ACCEPTABLE	VT-3 / 1
329057	ACCEPTABLE	VT-3 / 1
329059	ACCEPTABLE	VT-3 / 1
329061	ACCEPTABLE	VT-3 / 1
329063	REMOVED	VT-3 / 16
350112	ACCEPTABLE	VT-3 / 1
380013	ACCEPTABLE	VT-3 / 12
380253	ACCEPTABLE	VT-3 / 1

Examination Area: Clase 3 IWE Supports

Examination Area: Cla Examination Method: Vis	ss 3, IWF Supports ual (VT)	
Item Number	Results	Remarks/Notes
380302	ACCEPTABLE	VT-3 / 12
380322	ACCEPTABLE	VT-3 / 1
380323	ACCEPTABLE	VT-3 / 1
380324	ACCEPTABLE	VT-3 / 1, 11
403070	ACCEPTABLE	VT-3 / 1
405032	ACCEPTABLE	VT-3 / 12
405043	ACCEPTABLE	VT-3 / 12
405103	ACCEPTABLE	VT-3 / 12
405125	ACCEPTABLE	VT-3 / 14
405126	ACCEPTABLE	VT-3 / 14
405127	ACCEPTABLE	VT-3 / 1
405128	ACCEPTABLE	VT-3 / 1
405129	ACCEPTABLE	VT-3 / 1, 11
405130	ACCEPTABLE	VT-3 / 1
405131	ACCEPTABLE	VT-3 / 1
405228	ACCEPTABLE	VT-3 / 1
405241	ACCEPTABLE	VT-3 / 1, 11
405242	ACCEPTABLE	VT-3 / 1
405374	ACCEPTABLE	VT-3 / 1, 11
405390	ACCEPTABLE	VT-3 / 1
405393	ACCEPTABLE	VT-3 / 1
405394	ACCEPTABLE	VT-3 / 1
405397 SH5	ACCEPTABLE	VT-3 / 1
405397 SH9	ACCEPTABLE	VT-3 / 1
405400	ACCEPTABLE	VT-3 / 1
405413 SH9	ACCEPTABLE	VT-3 / 1
405415	ACCEPTABLE	VT-3 / 14
405418	ACCEPTABLE	VT-3 / 12

Item Number	Results	Remarks/Notes
405422	ACCEPTABLE	VT-3 / 14
405423	ACCEPTABLE	VT-3 / 14
405424	ACCEPTABLE	VT-3 / 14
405431	ACCEPTABLE	VT-3 / 1
405436	ACCEPTABLE	VT-3 / 14
105440	ACCEPTABLE	VT-3 / 12
405441	ACCEPTABLE	VT-3 / 1
405442	ACCEPTABLE	VT-3 / 1
405443	ACCEPTABLE	VT-3 / 1
405487	ACCEPTABLE	VT-3 / 12
405496	ACCEPTABLE	VT-3 / 1
405498	ACCEPTABLE	VT-3 / 12
405510	ACCEPTABLE	VT-3 / 12
105553	ACCEPTABLE	VT-3 / 1
405559	ACCEPTABLE	VT-3 / 14
405560	ACCEPTABLE	VT-3 / 14
405575	ACCEPTABLE	VT-3 / 14
405584	ACCEPTABLE	VT-3 / 1
405585	ACCEPTABLE	VT-3 / 1
405599	ACCEPTABLE	VT-3 / 14
405601	ACCEPTABLE	VT-3 / 1
405610	ACCEPTABLE	VT-3 / 14
405613	ACCEPTABLE	VT-3 / 14
405619	ACCEPTABLE	VT-3 / 12
405621	ACCEPTABLE	VT-3 / 1
405622	ACCEPTABLE	VT-3 / 12
405623	ACCEPTABLE	VT-3 / 14
405627	ACCEPTABLE	VT-3 / 1

Item Number	Results	Remarks/Notes
405628	ACCEPTABLE	VT-3 / 1
405629	ACCEPTABLE	VT-3 / 1
405651	ACCEPTABLE	VT-3 / 12
405694	ACCEPTABLE	VT-3 / 1
405701	ACCEPTABLE	VT-3 / 12
405709	ACCEPTABLE	VT-3 / 12
405716	ACCEPTABLE	VT-3 / 14
405750	ACCEPTABLE	VT-3 / 14
405827	ACCEPTABLE	VT-3 / 1
405828	ACCEPTABLE	VT-3 / 1
405894	ACCEPTABLE	VT-3 / 1
405965	ACCEPTABLE	VT-3 / 1
427016	ACCEPTABLE	VT-3 / 14
427043	REMOVED	VT-3 / 16
427093	ACCEPTABLE	VT-3 / 1
427098	ACCEPTABLE	VT-3 / 14
427112	ACCEPTABLE	VT-3 / 1
450076	ACCEPTABLE	VT-3 / 1
450077	ACCEPTABLE	VT-3 / 12
450080	ACCEPTABLE	VT-3 / 14
450082	ACCEPTABLE	VT-3 / 14
450152	ACCEPTABLE	VT-3 / 1
450198	ACCEPTABLE	VT-3 / 12
491234-01	ACCEPTABLE	VT-3 / 1
491234-02	ACCEPTABLE	VT-3 / 1
491234-03	ACCEPTABLE	VT-3 / 1
491234-04	ACCEPTABLE	VT-3 / 1
491234-05	ACCEPTABLE	VT-3 / 1

Item Number	Results	Remarks/Notes		
491234-06	ACCEPTABLE	VT-3 / 1		
491234-07	ACCEPTABLE	VT-3 / 1		
491234-08	ACCEPTABLE	VT-3 / 1		
491234-09	ACCEPTABLE	VT-3 / 1		
491234-10	ACCEPTABLE	VT-3 / 1		
491234-11	ACCEPTABLE	VT-3 / 1		
491235-01	ACCEPTABLE	VT-3 / 1		
491235-02	ACCEPTABLE	VT-3 / 1		
491235-03	ACCEPTABLE	VT-3 / 1		
491235-04	ACCEPTABLE	VT-3 / 1		
491235-05	ACCEPTABLE	VT-3 / 1		
491235-06	ACCEPTABLE	VT-3 / 1		
491235-07	ACCEPTABLE	VT-3 / 1		
191235-08	ACCEPTABLE	VT-3 / 1		
491235-09	ACCEPTABLE	VT-3 / 1		
491235-10	ACCEPTABLE	VT-3 / 1		
491235-11	ACCEPTABLE	VT-3 / 1		
491235-12	ACCEPTABLE	VT-3 / 1		
491235-13	ACCEPTABLE	VT-3 / 1		
491235-14	ACCEPTABLE	VT-3 / 1		
491235-15	ACCEPTABLE	VT-3 / 1		
491235-16	ACCEPTABLE	VT-3 / 1		
491235-17	ACCEPTABLE	VT-3 / 1		
491235-18	ACCEPTABLE	VT-3 / 1		
491235-19	ACCEPTABLE	VT-3 / 1		
491235-20	ACCEPTABLE	VT-3 / 1		
491458	ACCEPTABLE	VT-3 / 1		
505006	ACCEPTABLE	VT-3 / 1		

Item Number	Results	Remarks/Notes
505012	ACCEPTABLE	VT-3 / 1
505079	ACCEPTABLE	VT-3 / 1
505081	ACCEPTABLE	VT-3 / 1
505102	ACCEPTABLE	VT-3 / 1
505111	ACCEPTABLE	VT-3 / 12
505129	ACCEPTABLE	VT-3 / 1
505130	ACCEPTABLE	VT-3 / 14
505134	ACCEPTABLE	VT-3 / 14
505137	ACCEPTABLE	VT-3 / 14
505139	ACCEPTABLE	VT-3 / 12
505140	ACCEPTABLE	VT-3 / 1
505141	ACCEPTABLE	VT-3 / 1
505142	ACCEPTABLE	VT-3 / 1
505145	ACCEPTABLE	VT-3 / 12
505150	ACCEPTABLE	VT-3 / 12
505164	ACCEPTABLE	VT-3 / 1
505171	ACCEPTABLE	VT-3 / 12
505272	ACCEPTABLE	VT-3 / 1
505273	ACCEPTABLE	VT-3 / 1
503323	ACCEPTABLE	VT-3 / 14
505346	ACCEPTABLE	VT-3 / 14
527029	ACCEPTABLE	VT-3 / 1
527030	ACCEPTABLE	VT-3 / 1
527066	ACCEPTABLE	VT-3 / 1
527067	ACCEPTABLE	VT-3 / 1
527068	ACCEPTABLE	VT-3 / 1
P-4-1-S-B	ACCEPTABLE	VT-3 / 1
P-9A-1-S-B	ACCEPTABLE	VT-3 / 1

Examination Area: C Examination Method: V	Class 3, IWF Supports /isual (VT)	
Item Number	Results	Remarks/Notes
P-9B-1-S-B	ACCEPTABLE	VT-3 / 1

MILLSTONE UNIT 2 - PROGRAM PLAN SECOND INTERVAL - CATEGORY SUMMARY

EXAM CATEGORY	TOTAL ACTIVE REC	INTERVAL 2 SCHEDULED	PERCENT TOTAL POP	PERIOD 1	PERIOD 1 COMPLETE	PERIOD 1 PERCENT	PERIOD 2 SCHEDULED	PERIOD 2 COMPLETE	PERIOD 1+2 PERCENT	PERIOD 3 SCHEDULED	PERIOD 3 COMPLETE	PERICO 1-3 PERCENT	TOTAL COMPLETE	PERCENT
	0	0	0.0%	0	0	0%	0	0	0%	0	0	ox	0	0.0%
B-A	28	27	96.4%	3	3	11%	5	5	30%	21	21	107%	29	107.4%
8-8	20	11	55.0%	9	9	82%	2	2	100%	0	0	100%	11	100.0%
8-D	40	28	70.0%	14	14	50%	2	2	57%	12	12	100%	28	100.0%
B-E	205	60	29.3%	8	8	13%	12	12	33%	40	40	100%	60	100.0%
B-F	28	28	100.0%	9	9	32%	11	11	71X	8	8	100%	28	100.0%
8-G-1	268	262	97.8%	56	56	21%	110	110	63%	113	113	106%	279	106.5%
B-G-2	91	90	98.9%	27	27	30%	27	27	60%	36	36	100%	90	100.0%
B-H	7	1	14.3%	0	0	0%	1	1	100%	0	0	100%	1	100.0%
B-J	641	212	33.1%	71	71	33%	72	72	67%	70	70	100%	213	100.5%
B-K-1	19	19	100.0%	4	4	21%	6	6	53%	9	9	100%	19	100.0%
B-L-1	2	2	100.0%	0	0	0%	2	2	100%	0	0	100%	2	100.0%
B-L-2	4	1	25.0%	0	0	0%	0	0	0%	1	1	100%	1	100.0%
8-M-2	18	4	22.2%	2	2	50%	1	1	75%	1	1	100%	4	100.0%
8-N-1	19	19	100.0%	19	19	100%	10	10	153%	19	19	253%	48	252.6%
B-N-2	15	15	100.0%	0	0	0%	C	0	0%	15	15	100%	15	100.0%
B-N-3	32	32	100.0%	0	0	0%	0	0	0%	32	32	100%	32	100.0%

Report: i2catpop

File: sch_cat

Index: key/Exam Category

Note: All totals based on Active records.

Period totals must also be Code Credit "Y".

10/13/95

10/13/95

MILLSTONE UNIT 2 - PROGRAM PLAN SECOND INTERVAL - CATEGORY SUMMARY

EXAM CATEGORY	TOTAL ACTIVE REC	INTERVAL 2 SCHEDULED	PERCENT TOTAL POP	PERIOD 1	PERIOD 1 COMPLETE	PERIOD 1 PERCENT	-	PERIOD 2 SCHEDULED	PERIOD 2 COMPLETE	PERIOD 1+2 PERCENT	PERIOD 3	PERIOD 3 COMPLETE	PERIOD 1-3 PERCENT	COMPLETE	PERCENT
8-0	140	12	8.6%	0	0	0%		0	0	02	12	12	100%	12	100.0%
C-4.A	4	4	100.0%	4	4	100%		4	4	200%	4	4	300%	12	300.0%
C-4.8	4	4	100.0%	0	0	0%		0	0	oz	4	4	100%	4	100.0%
C-A	12	6	50.0%	1	1	17%		3	3	67%	2	2	100%	6	100.0%
C-P	9	6	66.7%	0	0	0%		2	2	33%	3	3	83%	5	83.3%
C-C	45	28	62.2%	7	7	25%		16	16	82%	5	5	100%	28	100.0%
C-F	676	94	13.9%	26	26	28%		37	37	67%	31	31	100%	94	100.0%
С-Н	2	2	100.0%	0	0	0%		0	0	0%	0	0	0%	0	0.0%
IWF 1	208	117	56.3%	34	34	29%		48	48	70%	35	35	100%	117	100.0%
IWF 2	202	113	55.9%	30	30	27%		43	43	65%	43	43	103%	116	102.7%
IWF 3	864	520	60.2%	170	170	33%		133	133	58%	215	215	100%	518	99.6%
TOTAL S.	3603	1717		494	494			547	547		731	731		1772	

Report: i2catpop file: sch_cat Index: key/Exam Category Note: All totals based on Active records. Period totals must also be Code Credit "Y".

Notes Class 1, 2, and 3 Components

- Note 1 Third Period, Second Interval ISI Code Creditable Exam.
- Note 2 This examination was performed for pre-service code credit.
- Note 3 This is an augmented examination, not for code credit.
- Note 4 These two Category B-D nozzle welds and inner radius examinations were performed during the third period, second interval reactor vessel examination. During the third interval, we may seek code relief from performing the first 40 month examination of this category based on the acceptability of these results.
- Note 5 The VT-2 examination is for third period, second interval ISI code credit. The VT-3 examination was an augmented examination, not for code credit.
- Note 6 After code credit examination, the studs on this set of fasteners were replaced. The replacement studs were also examined for pre-service code credit.
- Note 7 Per Relief Request #RR-10, volumetric (UT) examination was conducted from the I.D. of the RCS piping in lieu of O.D. surface examinations.
- Note 8 This support's integral attachments were PT'd while examiner was in area performing visual examination, PT is not for B-K-1 code credit.
- Note 9 NDE indications were noted and reported. However, they were dispositioned as acceptable per the applicable section of the ASME Code.
- Note 10 The reactor coolant pump flywheel high stress keyway, bore and entire volume and surface were examined per Reg. Guide 1-14, for third period, second interval credit.
- Note 11 This support was rejected per IWF-3400, repaired and re-inspected.
- Note 12 This support examination was added to the Work Plan per IWF-2430(a).

- Note 13 This support was rejected and repaired during the 1989 refueling outage. It was re-examined in 1994 per IWF-2420(b)
- Note 14 This support was examined at the request of the Design Engineer, not for code credit.
- Note 15 This support has been added to the RBCCW system near the RECCW pumps. It takes the place of removed support #405694.
- Note 16 This support has been removed from the piping system. The removal was verified during this refueling outage.
- Note 17 These two supports were added to ISI Program and examined for Second Interval code credit.
- Note 18 Per Relief Request #RR-16, limited volumetric (UT) examinations were performed on this weld due to geometry and/or configuration of the weld.
- Note 19 Limited volumetric (UT) examination coverage was encountered as reported to the NRC on June 6, 1995, Docket No. 5^-336, B15266.

SECTION 11

NIS 2

REPAIR and REPLACEMENT

REPORTS

FORM NIS-2 OWNER'S REPORT OF REPAIR OR R. PLACEMENTS As Required by the Provision of ASME Code Section XI

.

I. OWNER:	Northeast P.O. Box	128, Wat	r Energy terford,	Compa CT 06	ny 385	I S	Date: <u>12-27-93</u> Sheet: <u>1 of 1</u>
2. PLANT:	Millston	Nuclear	r Power	Statio	n	τ	Jnit:
3. Work Pe	rformed 1	P.O.	Box 128	clear , Wate	Energy Co rford, CT	- 2	WO M2-93-07227
 A. Identif (a) Applic (b) Applic 5. Identifi 	ication of cation of c	of System tion Code: A of Section X Components	n: <u>CVCS</u> SME Sect III I Utilized f Repaired	(2304A HU cl 1 ^{vlv} for Repair or Repi) 1971 Edition 1983 Edition rs of Replacem laced, and 1	, <u>Summer 1983</u> Add ents - <u>1980</u> Wint Replacement Co	enda, Code Cases - er 1981 Addenda, Code Case mponents
Name of Component	Name of Mfr.	Mfr Ser No.	Nat'l Bd. No.	CRN No.	Other Iden.	Repaired/ Replaced/ Replacement	ASME Code Stamped (Yes or NO)
2-CH-442	Anchor Darling	E3265020-	58 N/A		MRIR 293-152	Replacement valve	NO
2-CCA-18	NA	NA	NA	NA	MRIR 293-156-1	Replacement thru4 fittings	s NO
2-CCA-18	NA	NA	NA	NA	MRIR 389-137-5	Replacement	NO
9. Remarks:	Hydrostat	ic test p	re 2300 erformed i	psi in acco ficate (Test Temp rdance with	532 °F SP 2602C (RCS	hydrostatic test).
Ve certify t conforms to Signed: Da	that the st Section XI	atements n of the AS	nade in th SME Code.	is repo Title:	MNTL AN G	Date: /-	ALVE & PPG REPLACEMENT
					THE OF THE PECT		
I, the under and the Stat- HARTFORD. and state th with Section Warranty, ex the Inspecto of any kind	signed, holdin e or Province <u>CT</u> have at to the bes XI of the ASI pressed or im r nor their e arising from	ng a valid co of <u>CONNEC</u> inspected the (Rep t of my know ME Code. By plied, conce mployer shal or connected	ommission is <u>TICUT</u> e <u>HEPLACEN</u> pair(s) or R ledge and be signing thi rning the re l be liable with this i	ESUED by t AENT Deplacement plicef, this is certific pair or to in any many nspection	the National B employed by described (t(s)) (cate, neither replacement de unner for any	oard of Boiler and THE HARTFORD ST In this Report on eplacement has been the Inspector nor scribed in this Re personal injury of	d Pressure Vessel Inspectors TEAM BOILER ISI CO of AUGUST, 12 1993 an constructed in accordance of their employer makes any aport. Furthermore, neither r property damage or a loss
Date 31 MA	RCH 1983 19	194 ELIZ	ABETH YORK (Inspecto	- Jen	Comm	issions CT1137 (State or	Province, National Board)
1		**************************************		1		**	
No is ea	te: Suppleme 8 1/2 in. x ch sheet, and is form.	ental sheets 11 in., (2) (3) each sh	in form of information eet is numbe	lists, sk in items ered and t	etches, or dri 1 through 4 c the number of	awings may be used in this data repor sheets is recorde	i provided (1) size t are included on d at the top of

	FORM NIS	S-2 OWNER'S As Required by	the Provisio	OF REPA	AIR OR REPI E Code Section	ACEN	MENTS		
1. OWNER:	Northeast	Nuclear Energ	y Company		C	ate:	July 18	3, 1995	
	P.O. Box	128, Waterford	, CT 06385		S	heet:	1	of	1
2. PLANT:	Millstone I	Nuclear Power	Station		U	Init:	2		
	P.O. Box	128, Waterford	, CT 06385						
3. Work Pe	rformed by:	Northeast N	luclear Ener	gy Comp	any		M2-95	-06299	D NO AR
A Islandifia	ation of Cur	P.U. BOX 12	a Consistent	1, CT 063	000				
4. Identific	ation of Sys	tem: <u>2326</u>	A Service	water					
5. (a) Applicable	Construction Code:	ANSI B31.1	1973	Edition,	NONE Addend	ta, Code (e Cases		
6. Identifica	ation of Con	nponents Rep	paired or R	eplaced,	and Replac	ement	Compo	nents	
Name of	Name	Mfr	Nat'l	CRN	Other	Re	paired/	ASME	E Code
Component	of Mfr.	Ser No.	Bd. No.	No.	lden.	Re	placed/	(Yes	nped or NO)
Support	Various	None	N/A		494-1040-1	Repa	air	No	
60045					&493-465-1				
 7. Descript 8. Test Cor 9. Remarks 	ion of work nducted: H T :: <u>All welds</u>	System: Ac su lydrostatic D est Pressure inspected SA	ditional stru pport the tu Pneumati N/A T to GWS (bing inst bing inst c D No psi 004 AWS	eel was adde allation for 2- ormal Operati Test Temp 6 D1.1.	d to H SW-1 ⁻¹ ng Pre N/	anger 60 11. essure E A°F	045 to	er 🔳
									-
We certify th conforms to	at the statem Section XI of	CERT nents made in the ASME Co	IFICATE Of this report a ode.	= COMPL are corre	_IANCE	epair			
Signed: 14	ald B. Kun		Techn	ician	Date:	/18/95)		
and the State of Antonio State of Antonio State that the state that the with Section XI warranty, expression of any kind aris	o the best of my of the ASME Constant of the the of the	CER alid commission <i>NEW York</i> nave inspected th (Re y knowledge and code. By signing d, concerning the er shall be liable inected with this	repair or repline inspection.	National B oyed by acement(spair or repl acement dur for any period	acement has be escribed in this escribed in this escribed in this ersonal injury or	Report Report r their en Report. propert	on structed in mployer m Furtherm y damage	el Inspe accorda akes an ore, neit or a los	ctors of s

No. of Street

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Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 4 on this data report are included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

ments in the state of the state of the state of the	,	As Required b	y the Provisio	r of ASM	E Code Section	n XI			
1. OWNER	Northeast I	Nuclear Ener	gy Company		D	ate:	July 18	3,1995	
	P.O. Box 1	28, Waterford	, CT 06385		S	heet:	1	of	1
2. PLANT:	Millstone N	luclear Power	Station		U	Init:	2		
	P.O. Box 1	28, Waterford	d, CT 06385	-					
3. Work Pe	erformed by:	Northeast N P.O. Box 12	Nuclear Energe 28, Waterford	gy Comp J, CT 063	any 185		M2-95	06299) 10 No etc.
4. Identific	ation of Syst	em: 2320	6A Service V	Vater			as gan dorreth converting		
5. (a) Applicable (b) Applicable	e Construction Code: e Edition of Section XI U	ANSI 831.1 Nilized for Repairs or F	1973 Replacements	Edition, 1981, Winter 1	NONE Adden. 981 Addenda,	ua, Code Code (e Cases		416-1
6. Identific	ation of Com	ponents Re	paired or Re	eplaced,	and Replac	ement	Compo	nents	NALL & LOUBSID
Name of Component	Name of Mfr.	Mfr Ser No.	Nat'l Bd. No.	CRN No.	Other Iden.	Re Re Repl	paired/ placed/ acement	ASMI Star (Yes	E Code mped r NO)
2-SW-111	Fisher	None	63327737		none	Repl	aced	No	
2-SW-111	Johnson	none	none		295-238-3	Repl	acement	No	
8. Test Co 9. Remarks	nducted: Hy Te s: Compone	ydrostatic □ est Pressure ent Leak Test	Pneumatio 48 SP21218-1	psi complet	ormal Operati Test Temp ed SAT 6/24/	ng Pre 62 95.	essure 2°F	Oth	ier 🗆
	ada ana amin'ny soratra amin'ny soratra amin'ny soratra amin'ny soratra amin'ny soratra amin'ny soratra amin'ny	000							substant divisions
				/ // \A AL //	LANICE			And the second second second	nancan, provinsion agent adams to come
We certify th conforms to	hat the statem Section XI of	ents made in the ASME C	this report a ode.	are corre	_IANCE ct and this	eplace	ement		
We certify th conforms to Signed: <u>/</u>	nat the statem Section XI of Denals B. Run-	ents made in the ASME C	this report a ode. <u>Techn</u>	are corre	LIANCE ct and this Date:	eplace 7/17/95	ement		
We certify th conforms to Signed: <u>/</u>	nat the statem Section XI of Quale B. Pur	ents made in the ASME C Title: CE	TFICATE OF this report a ode. <u>Techn</u> RTIFICATE O	ician	_IANCE ct and this _ Date: TION	eplace 7/17/95	ement		
We certify th conforms to Signed: <u>/</u> the undersign and the State <u>////////////////////////////////////</u>	nat the statem Section XI of Med. holding a va or Province of to the best of my I of the ASME Consistence or implied hor their employee sing from or cont	Title: Title: CE CE CE CE CE CE CE CE CE CE	TEICATE OF this report a ode. Techn RTIFICATE OF issued by the , employed belief, this rep d belief, this re	FINSPEC National B oyed by lacement (pair or repl e, neither t acement d r for any p	Date: Date: Date: TION oard of Boiler a HSB TE described in this s)) lacement has be he inspector no escribed in this ersonal injury of	replace 7/17/95 nd Pres a Report s Report r their en Report. r propert	sure Vess on structed in mployer m Furtherm ty damage	el Inspe 221 accord akes al lore, ne or a lo	ance ny ther ss

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Da		As Required by	the Provision	on of ASME C	ode Section XI	EMENIS	
1. OWNER:	Northeast	Nuclear Energ	y Company	1	Date	: 08/03/	/95
	P.O. Box 1	28, Waterford	, CT 06385		Shee	et: 1	of 1
2. PLANT:	Millstone N	luclear Power	Station		Unit:	2	
	P.O. Box 1	28, Waterford	, CT 06385				
3. Work Pe	rformed by:	Northeast N	luclear Ener	rgy Company	/	M2-94	-09615
		P.O. Box 12	8, Waterfor	d, CT 06385	<u>,</u>	Repeir Organi	cattion PO No., Job "in etc.
4. Identifica	ation of Syst	em: 2307	L.P. Safet	y Injection F	ump Discharg	e HGR-40	2023
5. (a) Applicable	Construction Code:	ASME b31.7	196	9 Edition, -	Addenda.	Code Cases	
(b) Ar, sicable	Edition of Section XI L	Milized for Repairs or R	eplacements -	1981, Winter 1981	Addenda, C	ode Cases	anno " grannenska
. Identifica	ation of Com	ponents Rep	paired or R	leplaced, a	nd Replaceme	ent Compo	onents
Name of Component	Name	Mfr	Nat'l	CRN	Other	Repaired/	ASME Code
	OI MIT.	Ser No.	Ba. No.	No. 4	Iden.	Replaced/	(Yes or NO)
NOT PIN	ITT Grinnell	N/A	N/A	N/A	18 386-014 PF	Replacement	NO
fritter hand all an anna an a							+
. Test Cor	ducted: H Tr : Performe	ydros*atic □ est : ssure id NU-VE-3 vi	Pneumat sual exami	ic □ Norn psi T nation in ac	nal Operating I est Temp cordance with	Pressure I °F	D Other D
. Remarks	Friday and a strength with the strength of the				Carrier Contractor Contractor Contractor and the Contractor C		r Para. 4.4
). Remarks	of NU-VE	-3.					r Para. 4.4
Ne certify the conforms to Signed.	of NU-VE at the statem Section XI of	CERT ents made in the ASME Co	IFICATE O this report ode. Mntc/E	F COMPLIA are correct	NCE and this <u>Rep</u> Date: 08/03	olacement	r Para. 4.4
Ve certify the conforms to Signed:	of NU-VE at the statem Section XI of men LU	CERT ents made in the ASME Co Title:	IFICATE O this report ode. <u>Mntc/Ei</u> RTIFICATE C	F COMPLIA are correct ngineer [NCE and this <u>Rep</u> Date: <u>08/0</u>	acement	r Para. 4.4
Ve certify the conforms to Signed.	of NU-VE at the statem Section XI of new PUE	CERT ents made in the ASME Co Title: CEl alig.commission	IFICATE O this report ode. <u>Mntc/Ei</u> RTIFICATE C issued by the	F COMPLIA are correct ngineer [DF INSPECTIC National Boa	NCE and this <u>Rep</u> Date: <u>08/0</u> N rd of Boiler and F	3/95	sel Inspectors
Ve certify the onforms to Signed: the undersign and the State of the State and state that the rith Section XI rarranty, expre- te Inspector in f any kind arise	of NU-VE at the statem Section XI of med, holding a va or Province of 1 h to the best of my of the ASME C assed or implied or their employed ing from or com	CERT ents made in the ASME Co Title: CEI alid commission ave inspected th (Re knowledge and ode. By signing l, concerning the er shall be flable nected with this	IFICATE O this report ode. <u>Mntc/Ei</u> RTIFICATE O issued by the pair(s) or Re belief, this re this certificat repair or rep in any manni- inspection.	F COMPLIA are correct ngineer [DF INSPECTIC National Boa bloyed by des placement(s)) epair or replac te, neither the placement desi er for any pers	NCE and this <u>Rep</u> Date: <u>08/0</u> Date: <u>08/0</u> DN rd of Boiler and P war for a for a for cribed in this Rep onal injury or pro	2/95 Pressure Vest port on 2/ constructed i bir employer r port. Furtherr perty damag	sel Inspectors 1925 n accordance makes any more, neither e or a loss

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Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 4 on this data report are 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-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

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10+ \$ 34637000

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1. Owner.	Northeast	Nuclear	Energy (Compan	У	Da	te 6/21/95	
P.0	. Box 128	Waterfor	d, Ct.	06385		Sh	eet	oft
2. Pient_ P.O	Millstone . Box 128 M	aterrord	, Ct. Of	5385	Unit		2	
3. Work P	erformed by Not P.(ntheast N D. Box 12	uclear [8 ^e]Wateri	ford,	CO. Ct. Repair C	MZ 9 Drganization	5 00097 /	NER 294-18;
 Identifi (a) Ap (b) Ap 	cation of System plicable Construct	tion Code 2	Pressure	9 BO	Edition,	Winter	1 Addenda, Code	Cases <u>II</u>
6. Idensifi	cation of Compo	nents Repaired	or Replaced.	, and Rep	acement Com	ponents	Addenda, Go	UE 04953
Name of Component HPSI RM	Name of Mfr.	Mfrs. Ser. No.	Nat'l. Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Tuffing	NOVA	N/A	NA	NA	MRIRA	MA	Replayment	No
3cx Exten	wh				294-520-			
ailer Hen	4							
ap Scrav								and the second se
Giraia		Construction in Construction of Street, or					1	
WILLNEN				Notes and Name and States and States	1			
B. Tests C 9. Remark Brance Brance We certify th ASME Code. Signed	Applicable Manufa Applicable Manufa Applicable Manufa Pr Depr Cer at the statements	indrostatic L essure Line fes- clurer's Data Report Act Ber made in this re made in this re	Pneumatic pai Test 1 to De anather to card of the anather to card	Non Temp. 1072 107 1072 1	This Copy ECCS	(15 TIN) (15 TIN) 37000 (28 ANCE CACE CACE CACE CACE CACE CACE CACE CACE	○ Other W / / / / / / / / / / / / / / / / / /	V/A <u>9/</u> ns to Section XI of the
	forwards of Owne	r a Gealgned)	* CERTI	FICATE	OF INSPEC	TION		
I, the under or Province of	signed, holding a	valid commiss	ion issued b	ed by	tional Board	of Boiler a	and Pressure Vessel In	spectors and the State
and state the	to the best of	we inspected th my knowledge i	(Repair(s) o and belief, th	Replacem	describe ent(s)] or replacement	ed in this F has been c	Report on	not with Section X1 o
the ASME C	ode. By signing r or replacement	this certificate, described in thi	neither the s Report. Fy	Inspector	nor his employed, neither the l	yer makes i nspector n	ony warranty, express or his employer shall b	ed or implied, concern he liable in any manne
for any perso Date 7/6	nal injury or pro	perty damage o	a loss of at	y kind ari	sing from or co	ions CY	with this inspect	
		/	(Inspectory-	•			State or Province, Na	ational Board)

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8% in. X 11 in., (2) information in items 1 through 4 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.

	Northeast	Nuclear	Energy	Compan	У	Dat	e do-26	- 95
P.0.	Box 128	Waterfor	d, Ct.	06385		She	et /	of (
Plant P.O.	Millstone Box 128 V	aterford	, Ct. O	6385	Unit		2	
Work Pe	rformed by NOT	rthéäst N D. Box M2	uclear 8°Water	Energy ford,	CO. Ct. Repair C	AWO #	MZ- 94-	12670 0
Identific	ation of System	2326	iress)	SER	VICE WI	ATER	SYSTEM	
(a) App (b) App Identific	blicable Construction of Compo	tion Code	tilized for R	epairs or F	Edition, Replacements	~/A - 19 <u>80</u> ,	Addenda, Code W 8 (Addenda, Co	e CasesA ode CasesA
Name of Component	Name of Mir.	Mfrs. Ser.	Nat'l. Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced Replacement	ASME Code Stamped (Yes or No)
o.v	MERIAM	635790-H	4		SC 8000 4183	1994	REPLACEMENT	da
1 FICE	THE REAL	-		M	in 494.06	4-U		
1.396	- odd J N Subili. JE			1	1 11-0	the transmission		
				1				
Descript	ion of Work	REPLACE	ds An	IS J.	ISTALLER	S N	EN FO-6	396
Descript Tests Co Remarks	tion of Work onducte ⁻² : Hy Pri s (Applicable Manufa	REPLACE, rdrostatic essure_S1 cturer a Data Report	Pneumatic psi Test	I Norr Temp. 5	YSTALLEL Annal Operating 1_°F	A Ma 9 Pressure E	EW FO - 6 9 Other 🗆	396
Descript Tests Co Remarks	ilon of Work nducte ⁻² : Hy Pri s (Applicable Manufa	REPLACE, rdrostatic essure_S1 cturer a Data Repor	Pneumatic psi Test	/ <u>∫</u> <u>,</u> □ Norr Temp <u>5</u>	YSTALLEL Annal Operating 1_°F	A M g Pressure E	611 FO - 6 9 Other 🗆	396
Descript Tests Co Remarks Code. SME Code. igned	tion of Work onducte : Hy Pris (Applicable Manufa st the statements (Owner Owner	REPLACE rdrostatic essure_SI cturers Data Report cturers Data Report made in this re- cturers Designer	Pneumatic psi Test to be attache CERTII	I Norr Temp. 5 FICATE (FICATE (Trute	VSTALLEL VSTALLEL Dinal Operating VF OF COMPLI DF COMPLI Ve Ve DF COMPLI	ANCE ANCE ACC Men Deair or replacer D-26 are)	EN FO - 6 P Other D ET conforment) , 19_95	ns to Section XI of th
Descript Tests Co Remarks e certify the SME Code. gned	tion of Work onducte : Hy Pris (Applicable Manufa at the statements Owner (Owner of Owner	REPLACE rdrostatic essure_SI cturers Data Report trade in this re- cturers Designer	Pneumatic psi Test to be attache CERTII eport are cor CERTI	FICATE	VSTALLEL VSTALLEL Dinal Operating VF OF COMPLI Nis Ve Ve OF INSPEC	ANCE ANCE ACC ME Dear or replacer D-26 ere) TION	EW FO - 6 9 Other [] ET conforment) , 19_95	ns to Section XI of t
Descript Tests Co Remarks Remarks SME Code. igned the unders r Province o	tion of Work_ onducte : Hy Pro- st the statements (Applicable Manufal at the statements (Owner of Owner (Owner of Owner (Owner of Owner) (Owner of Owner) (Owner of Owner) (Owner of Owner) (Owner of Owner) (Owner of Owner)	RAPLACE (drostatic essure <u>SI</u> cturers Data Report a made in this re- cturers Designer (a valid commission (cts) (cts) we inspected the	Pneumatic psi Test ts to be attache CERTII eport are con CERTI sion issued employ eEp/fe	FICATE FICATE FICATE FICATE FICATE by the Na red by Za	OF COMPLI OF COMPLI OF INSPEC tional Board (a) Xanya Complete (b) Complete (c)	ANCE ANCE ANCE ANCE ACCMEN Sair or replacer or - 2 G atel TION of Boiler ar of Boiler ar	CW FO - 6 T Other T Other Conformation A Pressure Vessel In M Saler I + - eport on Pec	spectors and the Sta 2 9 9 19

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8% in. X 11 in., (2) information in items 1 through 4 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 thir form.

1.	Owner	Northeast Nuclear Energy Company	Date 11/30/92
		Waterford, Connecticut (Address)	Sheet 1_ of 2_
2.	Plant	Millstone (Name)	Unit <u>Two</u>
		Waterford, Connecticut (Address)	
3.	Work Performed	by <u>Fluor Constructors</u> (Name) Irvine, California	Fluor Constructors Repair Organization P.O. No., Job No., etc. M2-92-024/2
4	Identification of \$	(Address) System Steam Generator #2 Base Support	M2-93-02935

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

 5. (a) Applicable Construction Code _____19_Edition, _____Addenda, Code Cases See Sheet 2
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, 81W Addenda, Code Cases 6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'i. Bd. No.	CRN No.	Other Identifica- tion	Year Built	Repaired, Replaced or Replace- ment	ASME Code Stamped (Yes or No)
Bolting	Nova Machine	N/A	N/A	N/A		1991	Replacement	No

Description of Work <u>Bolt Replacement</u>
 Tests Conducted: Hydrostatic <u>Pneumatic</u> Norminal Operating Pressure <u>Other</u> <u>V</u> NOT APPLICABLE Pressure <u>psi</u> Test Temp. <u>°F</u>
 Remarks <u>See Attached Material Certification</u> (Applicable Manufacturer's Data Reports to be attached)

	CERTIFICATE OF COMPLIANCE
We certify	that the statements made in this report are correct and this deployment conforms to Section X
of the AS	ME Code. (depair or replacement)
Signed (Allera Senior Energy 26 19 93
104	Anger or Owner's Designes) Tige (Date)
1111	CERTIFICATE OF COMPLIANCE
I, the un Inspecto	dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel ors and the State or Province of CONNECTICUT, employed by THE HSBISI CO of DED. CT have inspected the BEPLACEMENT described in this Report
	[Repair(s) or Replacement(s)]
on 08 replacen certifica the repa shall be connect	JANUARY , 19 53 and state that to the best of my knowledge and belief, this repair or nent has been constructed in accordance with Section XI of the ASME Code. By signing this te, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning bir or replacement described in this Report. Furthermore, neither the Inspector nor his employer liable in any manner for any personal injury or property damage or a loss of the wind arising from or ed with this inspection.
25	MAY 1993 E YORK ANII CT 1137 NB 9384
Date 77	(Inspector) ANI Commissions Son 500 7/ (Inspector) ANI (State or Province, National Board)

1 through 4 on this data report is included on each sheet; and (3) each sheat is numbered and the number of sheets is recorded at the top of this form.

	FORM NIS-2 OWNER'S REPORT OF REPAIL As Required by the Provisions of ASME	R OR REPLACEMENT
1. Owner	Northeast Nuclear Energy Company	Date 11/30/92
	Waterford, Connecticut	Sheet 2 of 2
2. Plant	Millstone (Name)	Unit <u>Two</u>
	(Address)	
 Work Performed 	by <u>Fluor Constructors</u> (Name) Irvine, California (Address)	Fluor Constructors Repair Organization P.O. No., Job No., etc.

4. Identification of System Steam Generator #2 Base Support

5(a) Applicable Construction Code: Original bolting was installed in accordance with design specifications invoking AISC requirements. Replacement bolting was installed utilizing AISC design requirements. Replacement materials met original ASTM requirements and ASME Section NF requirements (1986 Edition).

9,	Bolting Material	Manufacturer	Heat Code
	Studs SA193, Grade B7	Nova Machine	ZB4
	Nuts SA194, Grade 4	Nova Machine	YW5

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

1.	Owner	Northeast Nuclear Energy Company	Date <u>11/30/92</u>
		Waterford, Connecticut	Sheet 2 of 2
2.	Plant	Millstone (Name)	Unit <u>Two</u>
		Waterford, Connecticut (Address)	
3.	Work Performed b	(Name)	Fluor Constructors Repair Organization P.O. No., Job No., atc.
4	Identification of S	(Address) (Address) (Address) (Address)	

5(a) Applicable Construction Code: Original bolting was installed in accordance with design specifications invoking AISC requirements. Replacement bolting was installed utilizing AISC design requirements. Replacement materials met original ASTM requirements and ASME Section NF requirements (1986 Edition).

9.	Bolting Material	Manufacturer	Heat Code					
	Studs SA193, Grade B7	Nova Machine	Z64					
	Nuts SA194, Grade 4	Nova Machine	YW5					
. Owner_	Northeast	Nuclear E	nergy	Company	/	Dat	11/30/9	3
---	---	---	---	--	---	--	--	---
P.0.	Box 128	Waterford	f, Ct.	06385		She	o	t/
Plant P.O.	Millstone Box 128 W	Naterrord,	, Ct. O	6385	Unit		2	ala ana amin' a
Work Per	formed by Nor P.C	THEAST NU D. BOX 120 (Add	uclear BeiWater	ford, (CO. M. Ct. Repair O	Ilstone rganization P.	Unit 2 M2-9 O No., JOD No., etc.	3-11241 -
(a) Appl	licable Construct	tion Code 76C	4- m - 211/11	9	Edition,_		Addenda, Code	Cases
(b) Appl	icable Edition o	f Section XI Ut	ilized for R	epairs or R	eplacements -	19 10 . U	Addenda, Co	de Cases
Name of omponent /I/	Name of Mfr.	Mfrs. Ser. No.	Nat'l. Bd. No.	, and Repli CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or	ASME Code Stamped (Yes or No)
e Clary	Millistone		/		MAIR 14	-	Replacement	
Non 491231	2	-	/	-	290-025	1993	Replacement	9 10
Descripti Tests Cor Remarks,	on of Work nducted: Hy Pre	Fabricate drostatic I issure	A A Pneumatic psi Test	ew /	angen in Operating *F	and Pressure [replace Other & NU	the botto
Descripti Tests Cor Remarks,	on of Work nducted: Hy Pre (Applicable Manufac	Falcicate drostatic issure	A A Pneumatic psi Test s to be attache	<i>eω</i> / □ Nom Temp	angen ind Operating F	and Pressure [replace Other & NU	the botting
Descripti Tests Cor Remarks. 	on of Work	Talcicate drostatic issure curer's Data Report made in this re: 22.00 rs Designee)	A A Pneumatic psi Test s to be attache CERTII portare cor	Temp. Temp. Tomp. Te	DF COMPLIA is	ANCE, cf lacent arror replacent arror replacent arror replacent arror replacent arror replacent arror replacent arror arrow	neat contorm	the bolt in $VT - T$ is to Section XI of the 3
Description Tests Con Remarks, certify that ME Code, med	on of Work nducted: Hy Pre (Applicable Manufac	Fatricate drostatic issure iturer's Data Report made in this res made in this res made a	A A Pneumatic psi Test stobe attache CERTII portare cor CERTI	Temp Temp Title FICATE C FICATE C FICATE I	DF COMPLIA is DF INSPECT	ANCE C Pressure C ANCE C P lacon aror replacent J 30 replacent TION	neplace Other & NU neat contorm	$\frac{H_{x}}{VT-2}$
Description Tests Con Remarks. 	on of Work nducted: Hy Pre (Applicable Manufactor) t the statements Maner or Owner gned, holding a	Falcicate drostatic issure sure's Data Report made in this report made in this report rapeau	A A Pneumatic psi Test sto be attache CERTII contare con CERTI contare con	FICATE C FICATE C FICATE C FICATE C FICATE C FICATE C FICATE C	DF COMPLIA is Vero Complete is Vero Complete Com	ANCE CP ressure D ANCE CP lacent atr or replacent atr or replacent (1) 30 replacent TION of Boiler ar	neplece Other D NU nept conform 19 9:3 d Pressure Vessel Ins	the bottom V = V = T ins to Section XI of the spectors and the Sta
Description Tests Con Remarks. Certify that ME Code. ned the undersig Province of.	on of Work nducted: Hy Pre (Applicable Manufactor) t the statements Definer or Owne gned, holding a CONNECT	Faticate drostatic issure iturer's Data Report made in this res Magna rapesignee) valid commissi ICUT	A A Pneumatic psi Test s to be attache CERTII portare cor CERTI con issued 1 employ	FICATE O FICATE O FICATE O FICATE O FICATE O FICATE O FICATE O FICATE O	DF COMPLIA is Vor (Dar DF INSPECT ional Board of HARTFOR	ANCE Pressure C ANCE CP (accord ar or replacent) 30 replacent) 30	neplace Other & NU nent contorn ient) , 19_93 d Pressure Vessel Ins 1 BOILER ISI	He both: VT - T is to Section XI of the spectors and the Sta CD.;
Descripti Tests Cor Remarks. 	on of Work inducted: Hy Pre (Applicable Manufactor) t the statements Maner or Owner gned, holding a CONNECT CT have	Talicicate drostatic issure issure inver's Data Report made in this re; 200 200 200 200 200 200 200 20	A A Pneumatic psi Test stobe attache CERTII portere cor CERTI contere cor CERTI contere cor cERTI	FICATE C FICATE C	DF COMPLIA is (rep DF COMPLIA is (rep DF INSPECT ional Board of HARTFORM G FROMMER	ANCE Pressure D ANCE CP acca atr or replaced atr or	Dother & NU Nother & NU nent conform ent) 19 9:3 1 BOILER ISI port on 24 SEP	He bolts V - VT - 2 ins to Section XI of t spectors and the Sta CO., TEMBER, 199

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENTS As Required by the Provision of ASME Code Section XI

122

	P.O. Box	128, Wat	erford,	Compan CT 06	ny 385	B	heet: <u>1 of 1</u>
PLANT:	Millstone	e Nuclear	Power	Statio	n	σ	nit: MP2
Work Pe	rformed)	by: North P.O.	neast Nuc Box 128	clear , Wate	Energy C rford, C	<u>0.</u> T Rej	AWO M2-92-0689' pair Organization PO No., Job N
Identif (a) Applica (b) Applica Identific	ication (able Constructed ble Edition of (of System tion Code: A of Section X Components	ASME III, CI I Utilized f Repaired	tor Con ass 1 1 for Repair or Repl	968 Edit s of Replace aced, and	ion, <u>Sum 69</u> Adde ments - <u>1981, Winte</u> 1980 W 8 Replacement Com	enda, Code Cases r 1981 Addenda, Code Ca i ponents
Name of Component	Name of Mfr.	Mfr Ser No.	Nat'l Bd. No.	CRN No.	Ocher Iden.	Repaired/ Replaced/ Replacement	ASME Code Stamped (Yes or NO)
leactor Vessel H1	Comb. Engr.	CE67110	N/A	N/A	N/A	Repaired	No
Descripti Test Cond	ion of Wor) ducted: Hy	k <u>Blend d</u>	efect on [X] Pneu	gasket matic (seating su]Normal C	orface with belt	sander re [] Other []
Descripti Test Cond Remarks:	ion of Wor) ducted: Hy Te	k <u>Blend d</u> /drostatic est Pressur	efect on [X] Pneu re_2310	gasket matic (_psi	seating su]Normal C Test Temp	orface with belt Operating Pressur p 534 °F	sander re [] Other []
Descripti Test Cond Remarks: certify t nforms to gned:	ion of Wor) ducted: Hy Te hat the st Section XI	A <u>Blend d</u> Adrostatic est Pressur atements m of the AS	efect on [X] Pneu re 2310 CERTIP ade in th ME Code.	gasket matic (psi FICATE C is repo Title:	Seating su Normal C Test Temp F COMPLIAN rt are cor Engineer	NCE parte:	<pre>sander re [] Other [] Repair (3/94</pre>
Descripti Test Cond Remarks: certify t nforms to gned:	ion of Wor) ducted: Hy Te hat the st Section XI	A <u>Blend d</u> drostatic est Pressur atements m	efect on [X] Pneu re 2310 CERTIP ade in th ME Code.	gasket matic [psi FICATE C is repo Title: ERTIFICAT	Seating su Normal C Test Temp F COMPLIAN rt are cor Engineer E OF INSPECT	NCE Trect and this Date:	<pre>sander</pre>
Descripti Test Cond Remarks: Remarks: certify t nforms to gned: I, the unders and the 3tate HARTFORD, and state tha with Section warranty, exp the Inspector of any kind a	ion of Wor) ducted: Hy Te hat the st Section XI AMAC igned, holdir or Province CT have i t to the best XI of the ASP ressed or imp nor their en rising from c	A Blend d A Blend d A drostatic est Pressur atements m of the AS of the AS of CONNECT inspected the (Rep t of my knowl AE Code. By plied, concer mployer shall or connected	efect on [X] Pneu re_2310 CERTINATE ade in th ME Code. Commission is: ICUT ICUT ICUT All (S) of Re- edge and be signing this ning the rep be liable with this in	qasket matic [psi FICATE C is repo Title: ERTIFICAT sued by the sued by the pair or r is certific pair or r in any man nspection	Seating su Normal C Test Temp F COMPLIAN rt are cor Engineer E OF INSPECT he National M employed by described t(s)) s repair or cte, neithe aplacement do part for any	NCE Trect and this Date: Date: ION Board of Boiler and HATFORD STEAM In this Report on replacement has been r the Inspector nor escribed in this Rep personal injury or	sander re [] Other [] Repair /3/94 /////////////////////////////////
Descripti Test Cond Remarks: Remarks: certify t nforms to gned: I, the unders and the 3tate HARIFORD, and state tha with Section warranty, exp the Inspector of any kind a Date 03/15/	ion of Wor) ducted: Hy Te hat the st Section XI And (igned, holdir or Province CT have i t to the best XI of the ASP ressed or imp nor their en rising from o 94	A Blend d A Blend d A drostatic est Pressur atements m of the AS of CONNECT inspected the (Rep t of my knowl AE Code. By plied, concer mployer shall or connected ELIZA	efect on [X] Pneu re_2310 CERTINATE ade in th ME Code. Commission is: ICUT ICUT ICUT ICUT Alige and be signing this ning the rep be liable with this in BETH YORK	qasket matic (psi FICATE C is repo Title: ERTIFICAT sued by the lief, this s certific pair or ri- n any man nspection	Seating su Normal C Test Temp F COMPLIAN rt are cor Engineer E OF INSPECT he National M employed by described t(s)) s repair or cte, neithe aplacement do per for any Communication	NCE Trect and this Date:	sander re [] Other [] Repair /3/94 /////////////////////////////////

is 8 1/2 in. x 11 in., (2) information in items 1 through 4 on this data report are 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-2 OWNER'S REPORT OF REPAIR OR R. PLACEMENTS As Required by the Provision of ASME Code Section XI

	P.O. Box	128, Wa	terford.	<u><u> </u></u>	385	в	1100c. <u>4 VI 4</u>
. PLANT:	Millston	e Nuclea:	r Power	Statio	n	ט	nit:
. Work Pe	rformed)	py: North	Box :28	clear , Wate	Energy Co rford, CT	2. <u>A</u> Re	WO M2-93-07227 pair Organization PO No., Job
. Identif	ication of	of System	a: CVCS	(2304A	.)		
. (a) Applica	able Construc	tion Code: A	SME Sect III	r cl 1 vlv	19/1 Edition	, summer 1983 Adde	nda, Code Cases
(b) Applica	able Edition	of Section X	I Utilized i	for Repair	rs of Replaces	wats - 1980, Winte	r 1981 Addenda, Code Ca
. Identific	cation of (Components	Repaired	or Rep.	laced, and	Replacement Con	mponents
Name of Component	Name of Mfr.	Mfr Ser No.	Nat'l Bd. No.	CRN No.	Other Iden.	Repaired/ Replaced/ Replacement	ASME Code Stamped (Yes or NO)
2-CH-442	Anchor Darling	E3265020-	-58 N/A		MRIR 293-152	Replacement valve	NO
	NA	NA	NA	NA	MRIR 293-156-1	Replacement thru4 fittings	NO
2-CCA-18		1		CARE IN CONTRACTOR OF A DESCRIPTION OF	A Charlenger and Appendix story for the strength of the story of the		
2-CCA-18 2-CCA-18 . Descripti . Test Cond	NA ion of Worl ducted: Hy	NA <u>Installe</u> drostatic	NA ed new val [X] Pneu	NA ve, stu umatic [MRIR 389-137-5 b of pipe a]Normal Op	Replacement 5 pipe and coupling berating Pressu	NO re [] Other []
2-CCA-18 2-CCA-18 . Descripti . Test Cond . Remarks:	NA ion of Worl ducted: Hy Te <u>Hydrostat</u>	NA Installe drostatic est Pressu ic test pe	NA ed new val [X] Pneu re 2300 erformed i	NA ve, stu umatic [_psi in accor	MRIR 389-137-5 b of pipe a]Normal Or Test Temp cdance with	Replacement 55 pipe and coupling perating Pressu 532 °F SP 2602C (RCS	NO re [] Other [] hydrostatic test).
2-CCA-18 2-CCA-18 . Descripti . Test Cond . Remarks:	NA ion of Worl ducted: Hy Te <u>Hydrostat</u>	NA Installe drostatic est Pressu ic test pe	NA ed new val [X] Pneu re 2300 erformed i	NA ve, stu umatic [_psi in accor	MRIR 389-137-5 b of pipe a]Normal Op Test Temp cdance with	Replacement pipe and coupling perating Pressu 532 °F SP 2602C (RCS	NO re [] Other [] hydrostatic test).
2-CCA-18 2-CCA-18 . Descripti . Test Cond . Remarks: e certify to	NA ion of Work ducted: Hy Te <u>Hydrostat</u> hat the st. Section XI	NA Installe drostatic est Pressu: ic test pe atements m of the AS	NA ed new val [X] Pneu re 2300 erformed i certinade in th SME Code.	NA ve, stu matic [psi in accor FICATE C is repo	MRIR 389-137-5 b of pipe a]Normal Or Test Temp dance with of compliant	Replacement pipe and coupling perating Pressu 532 °F SP 2602C (RCS cm rect and this V/	NO re [] Other [] hydrostatic test).
2-CCA-18 2-CCA-18 . Descripti . Test Cond . Remarks: e certify to onforms to igned: Da	NA ion of Worl ducted: Hy Te <u>Hydrostat</u> hat the st Section XI	NA Installe drostatic est Pressu ic test pe atements m of the AS	NA ed new val [X] Pneu re 2300 erformed i certinade in th SME Code.	NA ve, stu matic [psi in accor ricate c is repo Title:	MRIR 389-137-5 b of pipe a]Normal Or Test Temp dance with of compliant rt are corr MNTL ENG	Replacement pipe and coupling perating Pressu 532 °F SP 2602C (RCS CE rect and this V/ Date: /-	NO re [] Other [] hydrostatic test). ALVE & PPG REPLACEN 22.94
2-CCA-18 2-CCA-18 . Descripti . Test Cond . Remarks: e certify to onforms to igned: Da	NA ion of Worl ducted: Hy Te <u>Hydrostat</u> hat the st. Section XI	NA Installe drostatic est Pressu ic test pe atements m of the AS	NA ed new val [X] Pneu re 2300 erformed i certinade in th SME Code.	NA ve, stu umatic [psi in accor FICATE C is repo Title: ERTIFICAT	MRIR 389-137-5 b of pipe a]Normal Or Test Temp dance with of compliant rt are corr <u>Mate av</u> t of inspection	Replacement pipe and coupling perating Pressu 532 °F SP 2602C (RCS CE rect and this V/ Date: /-	NO re [] Other [] hydrostatic test). ALVE & PPG REPLACEN 22.94
2-CCA-18 2-CCA-18 . Descripti . Test Cond . Remarks: e certify to onforms to igned: Da I, the unders and the State HARTFORD,	NA ion of Worl ducted: Hy Te <u>Hydrostat</u> hat the st Section XI <u>JAPPun</u> igned, holdin or Province CT have i	NA <u>Installe</u> drostatic est Pressu: ic test pe atements m of the AS d atements m of the AS d atements the of <u>CONNECT</u> nspected the (Par	NA ed new val [X] Pneu re 2300 erformed i certification ME Code. Commission is ICUT FREPLACEM	NA ve, stu umatic [psi in accor FICATE C is repo Title: ERTIFICAT sued by ti ENT	MRIR 389-137-5 b of pipe a]Normal Or Test Temp dance with of compliant rt are corr <u>Mate av</u> t of inspection he National Br employed by T described 1 F(s)	Replacement pipe and coupling perating Pressu 532 °F SP 2602C (RCS CE cect and this V/ Date: /- Date: /- M pard of Boiler and HE HARTFORD STE In this Report on /	NO re [] Other [] hydrostatic test). ALVE & PPG REPLACEN 22.94 Pressure Vessel Inspec AM BOILER ISI CO AUGUST, 12 19
2-CCA-18 2-CCA-18 . Descripti . Test Cond . Remarks: e certify to onforms to igned: Da I, the unders and the State HARTFORD, and state tha with Section 3 warranty, exp the Inspector of any kind a	NA ion of Work ducted: Hy Te <u>Hydrostat</u> hat the st. Section XI A M Pur igned, holdin or Province CT have i t to the best XI of the ASM ressed or imp nor their em rising from o	NA NA <u>Installe</u> vdrostatic est Pressu ic test pe atements m of the AS of the AS of <u>CONNECT</u> nspected the (Rep of my knowl E Code. By blied, concer ployer shall or connected	NA ed new val [X] Pneu re 2300 erformed i certinade in th ME Code. Commission is ICUT replacem air(s) or R edge and be signing this ing the replacem be liable with this in	NA ve, stu matic [psi in accor ricate c is repo Title: ERTIFICAT sued by t ENT eplacemen lief, thi s certifi pair or r in any man nspection	MRIR 389-137-5 b of pipe a]Normal Or Test Temp dance with of compliant rt are corr <u>MNTC ENG</u> t of INSPECTION he National Bac employed by T described T t(s)) s repair or re- cate, neither eplacement des nner for any p	Replacement 55 pipe and coupling Derating Pressur 532 °F SP 2602C (RCS CE rect and this V/ Date: /- Date: /- Date: /- Date: /- Pard of Boiler and HE HARTFORD STE In this Report on 2 eplacement has been the Inspector nor scribed in this Rep personal injury or	NO re [] Other [] hydrostatic test). ALVE & PPG REPLACEN 22.94 Pressure Vessel Inspec AUGUST, 72 19 n constructed in accord their employer makes a property damage or a 1

each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

	F	ORM NIS-2 (As Requ	OWNER'S	REPORT ne Provisio	T OF REPAI	R OR REF Code Sec	LACEMENT tion XI		
1. Owner N	ortheast	Nuclear H	Energy	Compan	у	Date	, Feb. 19,1	4 4 4	-
<u>P.U.</u>	BOX 128	Watertord	dress)	00385		Shee	n of		+ 1 - 1 - 1 - 1 - 3 - 3
2. Plant P.O.	Box 128 V	aterford.	, Ct. C	6385	Unit	ANO#	- MZ-94-	00378-	6. 6.7.54
3. Work Perf	ormed by NOT	THEAST NU	uclear B®Water	Energy ford,	CO. / Ct. Repair (Millstone Organization P.	UA. 4	2	- 78Q.06 07.94
4. Identificat	tion of System	High	Pirasu	1 5.	yety 1	Tretic	N =) 2.308	and the second	_
5. (a) Applic	cable Construc	tion Code 16 7	ian IF	19_7/	Edition,	10.71	Addenda, Code (Cases	_
6. Identificat	tion of Composition of	nents Repaired	or Replaced	d, and Repl	acement Com	- 19 <u>.//</u> ,	Addenda, Cod	e Cases	-
Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l. Bd. No.	CRN No.	Othe: Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
HPSI Saranas	NOUA	NA	NA	NA	MRIR 463-256	1499 4	Pedercent	No	-
Florge Bit	and when the control data with the late states	And and a second se		1	492-162	the second second second	1 Separe in sin		-
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							and a standard state of the sta		_
7. Description 8. Tests Conc RETEST 9. Remarks	n of Work ducted: Hy S Pri 21218 Applicable Manufact	drostatic essure 31 turer's Data Report	Pneumatic psi Test 1113 s to be attach	Temp &	ninal Operating 2_°F CS T	Pressure B ZGA	Flange with 3. Other D 13-1	the proper	stud.
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al de la cara de la car			CERTI	FICATE	OF COMPLI	ANCE			-
We cartify that	the statements	made in this re			. Reol	Man n	4		
ASME Code.	le statements	made in this re	port are co	rrect and tr	nis / tre	pair or replacem	ent)	to Section XI of the	
Signed	Han L	Horgen	/	Ercin	ací z	-18	10 94		
	Wwner or Owne	r's Designee)		Pille	(D.	atej	entres and a 1 g and and a to		
		*****	CERT	FICATE	OF INSPEC	TION	******	and a standard state of the second	1
I, the undersign	ned, holding a	valid commiss	ion issued	by the Na	tional Board	of Boiler an	d Pressure Vessel Insc	ectors and the State	
or Province of	NEW Yo	RK	employ	ved by	#15	SIGI	- Co.		
HARTFIED.	CT_he	ve inspected the	Repla	cement	∠ describe	d in this Re	port on 6/2	, 19.94	
and state that t the ASME Code ing the repair or	o the best of r e. By signing t r replacement of	ny knowledge a this certificate, described in this	neither the Report. F	his repair of Inspector urthermore	nor his employed, nor his employed, neither the l	has been co yer makes ar hspector not	nstructed in accordance by warranty, expressed r his employer shall be	e with Section XI of or implied, concern- liable in any manner	
for any personal	injury or prop	perty damage or	a loss of a	ny kind ari	sing from or c	onnected wit	th this inspection.	in any memory	
Date 6/2/	94	E Tort	(Inspector)	Miller	- Commiss	ions AY	2498 7 (State or Province, Natio	onal Board)	
lote: Supplemen	tal sheets in f	orm of lists, ski	atches, or a	drawings m	ay be used pr	ovided (1) s	Ize is 8% in. X 11 in	frid 1971 september i Setter an ann ann an an an an an an an an an a	

(2) information in items 1 through 4 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.

1. OWNER: Northeast Nuclear Energy Company P.O. Box 128, Waterford, CT 06385 Date: 7-17-95 2. PLANT: Millstone Nuclear Power Station P.O. Box 128, Waterford, CT 06385 Unit: Millstone Unit 2 3. Work Performed by: Northeast Nuclear Energy Company P.O. Box 128, Waterford, CT 06385 NNECO 4. Identification of System: Reactor Coolant (2301) NNECO 5. (a) Applicable Edition of System: Reactor Coolant (2301) Code Cases - 6. Identification of Components Repaired or Replaced, and Replacement Components Name of Components Repaired or Replaced, and Replacement Components Stamp (Yes or Replaced) Name of Component of Mfr. Ser No. Bd. No. No Iden. Replaced/ Replaced/ Stamp (Yes or Replaced) Pressurizer Combustion CE 67605 N/A N/A N/A Replaced/ Replaced/ Stamp (Yes or Stamp (Yes or Replaced) 7. Description of work System: Grind welded padeyes from manway cover. Drill and tap for swivel hoist ring. Stamp (Yes or Replaced) 8. Test Conducted: Hydrostatic III Pneumatic III Normal Operating Pressure IIII of the Component Stamp (Yes or Replaced) Other Replaced/ Stamp (Yes or Replaced) 8. Test Conducted: Hydrostatic IIIIIIIIIIIIIIIIIIIIIIII		FORM NIS	-2 OWNER'S	REPORT	OF REPA	AIR OR REP E Code Section	LACEN	IENTS	
P.O. Box 128, Waterford, CT 06385 Sheet: 1 of 1 2. PLANT: Millstone Nuclear Power Station Unit: Millstone Unit 2 P.O. Box 128, Waterford, CT 06385 Nork Performed by: Northeast Nuclear Energy Company NNECO P.O. Box 128, Waterford, CT 06385 Init: Millstone Unit 2 3. Work Performed by: Northeast Nuclear Energy Company NNECO P.O. Box 128, Waterford, CT 06385 Init: Millstone Unit 2 4. Identification of System: Reactor Coolant (2301) Init: NNECO 5. (adentification of System: Reactor Coolant (2301) Code Ceses Init: Code Ceses 6. Identification of Components Repaired or Replaced, end Replacement Code Ceses Component Components Stamp Name of Name Mfr Nati CRN Nother Replaced/ Stamp Pressurizer Combustion CE 67605 N/A N/A N/A Repaired No Pressurizer Combustion CE 67605 N/A N/A N/A Repaired No Stamp Swivel hoist ring. Stamp Stamp Stamp Stamp <t< td=""><td>1. OWNER</td><td>Northeast M</td><td>Nuclear Energ</td><td>y Company</td><td>1</td><td></td><td>Date:</td><td>7-17-9</td><td>5</td></t<>	1. OWNER	Northeast M	Nuclear Energ	y Company	1		Date:	7-17-9	5
2. PLANT: Millstone Nuclear Power Station Unit: Millstone Unit 2 P.O. Box 128, Waterford, CT 06385 NNECO NNECO 3. Work Performed by: Northeast Nuclear Energy Company NNECO P.O. Box 128, Waterford, CT 06385 NNECO 4. Identification of System: Reactor Coolant (2301) 5. (a) Applicable Edition of System: Reactor Coolant (2301) 6. Identification of Components Repaired or Replaced, Arnd Replacement Components Addenda, Code Cease Name of Component of Mir. Ser No. Bd. No. No. Iden. Replaced/ ASME Component Pressurizer Combustion CE 67605 N/A N/A N/A Replaced/ Stamp (Yes or Replaced) 7. Description of work System: Grind welded padeyes from manway cover. Drill and tap for swivel hoist ring. 8. Test Conducted: Hydrostatic Pressure _ 2295 psi Test Termp _ 534 °F °F 9. Remarks: Repair work performed under AWO M2-94-07482 - Retest performed under AWO M2-95-06647 CERTIFICATE OF COMPLIANCE We certify that the statements made in this report are correct and this repair conforms to Section XI of the ASME Code. Signed: Addenda for Seiler and Pressure Vessel Inspect and the State or Province of thave You were thowere to the You we		P.O. Box 1	28, Waterford	I, CT 06385			Sheet:	1	of 1
3. Work Performed by: Northeast Nuclear Energy Company P.O. Box 128, Waterford, CT 06385 NNECO 4. Identification of System: Reactor Coolant (2301) Reactor Coolant (2301) 5. (a) Applicable Construction Code: ASME BAPV Section III 1966 Edition, Su 1969 Addenda, Code Cases - (b) Applicable Edition of Section XI Utilized to Repairs or Replacements 1911 View 1981 Addenda, Code Cases - <td< td=""><td>2. PLANT:</td><td>Millstone N P.O. Box 1</td><td>luclear Power 28, Waterford</td><td>Station</td><td></td><td></td><td>Unit:</td><td>Millsto</td><td>ne Unit 2</td></td<>	2. PLANT:	Millstone N P.O. Box 1	luclear Power 28, Waterford	Station			Unit:	Millsto	ne Unit 2
3. Work Performed Dy. Hothead Dy. Hothead Nuclear (Noted at Note Note at Note at Note Note at Note at Note at Note at Note Note	3 Work De	arformed by:	Northeast N	luciear Ener	av Comp	anv		NNEC	0
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5. (a) Applicable Construction Code: ASME B&PV Section II 1968 Edition, Su 1969 Addenda, Code Cases - (b) Applicable Edition of Section XI Utilized for Replacements 1981. Winter 1981 Addenda, Code Cases - 6. Identification of Components Repaired or Replaced, and Replacement Components Name of Of Mfr. Name Mfr Nat'l CRN Other Replaced/ Replaced/ Replaced/ Stamp (Yes or / Replacement AsME Costamp (Yes or / Pressurizer Pressurizer Combustion Engineering CE 67605 N/A N/A N/A Replaced/ Replacement Stamp (Yes or / Pressurizer) 7. Description of work System: Grind welded padeyes from manway cover. Drill and tap for swivel hoist ring. Normal Operating Pressure □ Other 8. Test Conducted: Hydrostatic ■ Pneumatic □ Normal Operating Pressure □ Other 9. Remarks: Repair work performed under AWO M2-94-07482 · Retest performed under AWO M2-95-06647	4. Identific	ation of Syst	em: Rea	ctor Coolan	t (2301)			encomplex subsection of the second	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1981. Winter 1981 Addenda. Code Cases 6. Identification of Components Repaired or Replaced, and Replacement Components Name of Component Name Mfr Nat'l CRN Other Replaced/ Replaced/ Replaced/ Replaced ASME C Ser No. Bd. No. No. Iden. Replaced/ Replaced/ Replacement ASME C Pressurizer Combustion Engineering CE 67605 N/A N/A N/A Repaired No 7. Description of work System: Grind welded padeyes from manway cover. Drill and tap for swivel hoist ring. 8. Test Conducted: Hydrostatic Pneumatic Normal Operating Pressure Other 534 °F 9. Remarks: Repair work performed under AWO M2-94-07482 - Retest performed under AWO M2-95-06647 CERTIFICATE OF COMPLIANCE Vecentify that the statements made in this report are correct and this repair conforms to Section XI of the ASME Code. Signed June Title: Engineer Date: 8-9-95 CERTIFICATE OF INSPECTION It work performed under Support are correct and this repair conforms to Section XI of the ASME Code. Signed: Signed: CERTIFICATE OF INSPECTION <td>5. (a) Applicable</td> <td>Construction Code:</td> <td>ASME B&PV Section</td> <td>on III 196</td> <td>8 Edition,</td> <td>Su 1969 Adde</td> <td>nda, Cod</td> <td>e Casas</td> <td></td>	5. (a) Applicable	Construction Code:	ASME B&PV Section	on III 196	8 Edition,	Su 1969 Adde	nda, Cod	e Casas	
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Name of Component Name of Mfr. Mfr Nat'l Bd. No. CRN Other Iden. Replaced/ Replaced/ Replaced/ Replaced/ Replaced/ ASME C Stamp (Yes or // Pressurizer Pressurizer Combustion Engineering CE 67605 N/A N/A N/A N/A Repaired/ Replaced/ Replaced/ Replaced/ Replaced/ Replaced/ No 7. Description of work System: Grind welded padeyes from manway cover. Drill and tap for swivel hoist ring. 8. Test Conducted: Hydrostatic Pneumatic Normal Operating Pressure Other 534 °F 9. Remarks: Repair work performed under AWO M2-94-07482 - Retest performed under AWO M2-95-06647 CERTIFICATE OF COMPLIANCE Vecentify that the statements made in this report are correct and this repair conforms to Section X1 of the ASME Code. Signed: Signed: 8-9-95 CERTIFICATE OF INSPECTION LETTIFICATE OF INSPECTION Ithe undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspect and the State or Province of Markend Cr CERTIFICATE OF INSPECTION CERTIFICATE OF INSPECTION Ithe undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspected and the State or Province of Markend Cr Markend Cr Markend Cr 196	6. Identific	ation of Com	ponents Re	paired or R	Replaced,	and Repla	cement	Compo	nents
Pressurizer Combustion Engineering CE 67605 N/A N/A N/A Repaired No 7. Description of work System: Grind welded padeyes from manway cover. Drill and tap for swivel hoist ring. 8. Test Conducted: Hydrostatic Pneumatic Normal Operating Pressure Other 534 °F 9. Remarks: Repair work performed under AWO M2-94-07482 · Retest performed under AWO M2-95-06647 CERTIFICATE OF COMPLIANCE We certify that the statements made in this report are correct and this repair conforms to Section XI of the ASME Code. Signed: Title: Engineer Date: 8-9-95 CERTIFICATE OF INSPECTION the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspected and the State or Province of Date: Modern Weight 7-7-7 Context for the State or Province of Date: Modern Weight 7-7-7 196	Name of Component	Name of Mfr.	Mfr Ser No.	Nat'i Bd. No.	CRN No.	Other Iden.	Re Re Repl	paired/ placed/ lacement	ASME Coo Stamped (Yes or NO
7. Description of work System: Grind welded padeyes from manway cover. Drill and tap for swivel hoist ring. 8. Test Conducted: Hydrostatic ■ Pneumatic □ Normal Operating Pressure □ Other Test Pressure _ 2295 _ psi Test Temp _ 534 _ °F 9. Remarks: Repair work performed under AWO M2-94-07482 · Retest performed under AWO M2-95-06647 CERTIFICATE OF COMPLIANCE We certify that the statements made in this report are correct and this repair conforms to Section XI of the ASME Code. Signed: June Title: Engineer _ Date: _ 8-9-95 CERTIFICATE OF INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspected the State or Province of	Pressurizer	Combustion Engineering	CE 67605	N/A	N/A	N/A	Repa	aired	No
Retest performed under AWO M2-95-06647 CERTIFICATE OF COMPLIANCE We certify that the statements made in this report are correct and this repair conforms to Section XI of the ASME Code. Signed: CERTIFICATE OF INSPECTION Ittle: CERTIFICATE OF INSPECTION It the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspected and the State or Province of Content on the	 8. Test Co 9. Remarks 	nducted: H Te s: Repair wo	ydrostatic est Pressure ork performe	Pneumat 2295 d under AW	ic □ No psi /O M2-94	ormal Opera Test Temp -07482 •	ating Pre	essure E 84°F	Other I
CERTIFICATE OF COMPLIANCE We certify that the statements made in this report are correct and this <u>repair</u> conforms to Section XI of the ASME Code. Signed:		Retest pe	erformed und	er AWO M2	2-95-0664	.7	and an arrival and a first state of the		
Signed:	We certify the conforms to	hat the statem Section XI of	CERT nents made in the ASME C	TFICATE C this report ode.	F COMP are corre	LIANCE ect and this	repair		
CERTIFICATE OF INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspector and the State or Province of <u>Baacour</u> , employed by <u>The Marken Parter I = Z</u> (2) Ward for d. (2) have inspected the Prove described in this Report on 8/8/ 199	Signed:	- Sken	Title:	Engi	neer	Date:	8-9-95	<u>;</u>	
i, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspection and the State or Province of <u>Brate Court</u> , employed by <u>The Bord Steen Parter I = Z</u> (2) Warford, (2) have inspected the Prove described in this Report on 8/2/ 199	0		CE	RTIFICATE C	OF INSPEC	TION	a constant an anna ad ann a shà can taona a	ander og her som det stadsfort i	ena di territa con si dana de un assan di tado
(Repair(s) or Replacement(s)) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordan with Section XI of the ASME Code. By signing this certificate, neither the Inspector nor their employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the Inspector nor their 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.	i, the undersig and the State <u>Martford</u> , (and state that with Section X warranty, exp the Inspector I of any kind ari Date	to the best of my for the best of my for the ASME C ressed or implied nor their employed ising from or con	alid commission ave inspected t (R y knowledge and ode. By signing t, concerning the er shall be liable inected with this	he <u>Brand</u> epair(s) or Red belief, this r this certificate repair or rep in any mann inspection.	e National E ployed by 2 eplacement epair or rep te, neither to blacement of er for any p missions	Board of Boiler Contract Sector Contract Secto	been con been con for their e is Report. or proper	ssure Vess <u> <u> </u> </u>	accordance nakes any ore, neither or a loss
(Inspector) (State or Province, National Board)	and the dept	(Ins	spectory	0011	1113310113	(State or I	Province	National	(hand)

	FORM NIS-2	OV ER'S F Required by th	REPORT O	F REPA of ASME	Code Section	CEME	INIS	Court 10d ct xX	
4 OWNED.	Northeast Ni	Iclear Energy	Сотралу	BATATISTI DALAMIANSKA AM	Dat	e:	8/16/95	;	
I. OWNER.	P.O. Box 128	, Waterford, 1	CT 06385		She	et:	1	of	1
2. PLANT:	Millstone Nuc P.O. Box 128	clear Power S 3, Waterford, 1	tation CT 06385		Uni	t:	Millstor	ne Un	it 2
3. Work Per	rformed by:	Northeast N P.O. Box 12	uclear Ener 8, Waterford	gy Comp d, CT 06	385		M2-94- Repair Organizat	1024. Ion PO No	2 * xxx No etc.
4. Identifica	ation of System	m: Main	Steam Sys	tem (23	16)		and some states of some definition of the source of the		
5. (a) Applicable	Construction Code:	ASME Section III, Cl	ass 2 1971	Edition,	N/A Addenda,	Coo	de - ses	·	•
(b) Applicable	Edition of Section XI Utili	red for Repairs or Rep	aired or Re	1981, Winter	and Replace	Code ment (Cases -	ents	
6. Identifica	Name	Mfr	Nat'l	CRN	Other	Re	epaired/	A	SME
Component	of Mfr.	Ser No.	Bd. No.	No.	lden.	Rep Rep	eplaced/ blacement	C Sta (Yes	ode mped or NO)
Main Steam Safety Valve 2-MS-246 Inlet Flange Studs & Nuts	Nova Machine Products Corp.	N/A	N/A	N/A	MRIR 493-423 and 290-271	Rep	placement	No	
7. Descript Note: Origin 8. Test Cor	ion of work Sinal R.R. Plan can inducted: Hyperiodic Hyperiodic Test	ystem: <u>4</u> alled for re drostatic □ st Pressure	Inlet Flange placement Pneumat	of 5 stud ic D N psi	and 8 Nuts Re ds & 10 nuts, c lormal Operati Test Temp	nly 4 8 ng Pre	& 8 were essure C	used O	ther
9. Remarks	s: <u>Pressure</u> (esthotrequi	ed per inte	rprotatio					
We certify th conforms to	hat the stateme Section XI of t	CERTI ents made in he ASME Co	FICATE OF this report de.	COMP are corre	LIANCE ect and this _I	replace	ement		
Signed: 1	marlan	Title:	Station	Tech.	Date: 8	3/16/95	5		
and the State	to the best of my for the best of my for the ASME Corressed or implied, nor their employe ising from or copr	CEF id commission we inspected th (Re knowledge and ode. By signing concerning the shall be flable lected with this	RTIFICATE O issued by the , emp e continent pair(s) or Rep belief, this re this certificat repair or rep in any manne inspection. Comr	F INSPEC National loved by placement e, neither lacement er for any missions	CTION Board of Boiler a The Xariford u described in this t(s)) placement has be the Inspector no described in this personal injury o CH1/37 (State or Pr	Report Report r their e Report. r proper	sgre Vesse <u>Subr</u> <u>Z</u> on <u>L</u> structed in mployer m Furtherm ty damage National B	accon accon akes a ore, ne or a lo	dance any either oss

I. OWNER	: Northeas	t Nuclear Ene	ray Company					FRANCE ALLERIA DISTANCE AND A DESCRIPTION
	P.O. Box	128, Waterfor	rd, CT 0638	5	L S	heet	8-8-9	0 1
2. PLANT:	Millstone	Nuclear Powe	ar Station			nit.	Allaha	
	P.O. Box	128, Waterfor	d, CT 0638	5	0	mt:	IVIIIISto	one Unit 2
3. Work P	erformed by	Northeast P.O. Box 1	Nuclear Ene 28, Waterfo	ergy Comp rd, CT 063	any 385			atilion PO No., Job No etc.
4. Identific	ation of Sys	tem: Rea	actor Coolar	nt (2301)				
), (a' Applicabl	e Construction Code:	ASME Section III,	Class 1 19	71 Edition,	W 1971 Addend	a. Code	Cases -	Children Internation and Internet Assessment on Sala
(b) Applicable	e Edition of Section XI	Utilized for Repairs or	Replacements	1981, Winter 1	981 Addenda,	Code Ca	2506 -	
. Identific	ation of Cor	nponents Re	paired or F	Replaced,	and Replace	ement	Compo	nents
Name of Component	Name of Mfr.	Mfr Ser No.	Nat'i Bd. No.	CRN No.	Other Iden.	Rep Rep Repla	paired/ placed/ icement	ASME Code Stamped (Yes or NO)
-RC-404 Outlet lange Studs & uts	Nova Machine	N/A	N/A	N/A	MRIR 293-279 and 493-285	Repiace	rment	No
RC-404 Inlet ange	Dresser Industries	BN07130	N/A	N/A	N/A	Repair		No
			mernange		do romaormine	The second	the loss of the lo	
. Test Cor . Remarks	ducted: H To : _Work per	ydrostatic est Pressure formed under	Pneumati 2295 AWO M2-9	ic □ No psi 94-10875.	rmal Operatin Test Temp	g Pres 534	sure D	Other
. Test Cor Remarks	ducted: H To : <u>Work per</u> <u>Retest pe</u>	ydrostatic est Pressure formed under	Pneumati 2295 AWO M2-s er AWO M2	ic □ No psi 94-10875. -95-06647	rmal Operatin Test Temp	g Pres 534	sure 🗆 °F	0 Other E
. Test Cor . Remarks /e certify th onforms to s gned:	at the statem	ydrostatic est Pressure formed under enformed under CERT ents made in the ASME Co	Pneumati 2295 AWO M2-S AWO M2 FICATE OI this report ode. Engin	ic □ No psi 94-10875. -95-06647 F COMPL are correct	rmal Operatin Test Temp IANCE t and this <u>re</u> Date: <u>8</u> -	g Pres 534 pair an	sure °F	Other C
Test Cor Remarks	at the statem	ydrostatic est Pressure formed under enformed under CERT ents made in the ASME Co Title:	Pneumati 2295 AWO M2-S AWO M2-S AWO M2 IFICATE OI this report ode. Engir	C □ No psi 94-10875. -95-06647 F COMPL are correct heer F INSPECT	rmal Operatin Test Temp IANCE t and this re Date: 8-	g Pres 534 pair an	sure °F	Other C
Remarks Remarks e certify the informs to s gned: the undersigned d the State of the State of the State of the State of the State of the section XI of the State of the State of the section XI of the State of the section XI of the State of t	at the statem Bection XI of ed, holding a va or Province of the best of my of the ASME Co	ydrostatic est Pressure formed under enformed under CERT ents made in the ASME Co Title: CEP lid commission Constration (Re knowledge and ode. By signing	Pneumati 2295 AWO M2-S AWO M2-S AWO M2-S FAWO	C □ No psi 94-10875. -95-06647 F COMPL are correct heer F INSPECT National Bo oyed by 74 National Bo	rmal Operatin Test Temp IANCE tand this re Date: 8- ION ard of Boiler and Scribed in this F Cement has been a Inspector nor ti	pair an 9-95 Pressu 9-95 Pressu Report or n constru-	sure °F °F re Vesse <i>A T r</i> <i>A T T</i> <i>A T T</i> <i>A T T</i> <i>A T T T</i> <i>A T T</i> <i>A T T</i> <i>A T T</i> <i>A T T</i> <i>A T T</i> <i>T T T T T T T T T T T</i>	Other C cement
. Test Cor . Remarks /e certify th onforms to igned: he undersigned id the State of any form d state that to in Section XI of ranty, express inspector no any kind arisin te the form	at the statem ed, holding a va r Province of the best of my of the ASME Co sed or implied, r their employer hat their employer hat the statem	ydrostatic est Pressure formed under enformed under CERT ents made in the ASME Co Title: CEF lid commission Creation (Re knowledge and ode. By signing concerning the shall be fiable in concerning the shall be fiable in concerning the	Pneumati 2295 AWO M2-S er AWO M2-S er AWO M2 IFICATE OI this report ode. Engin RTIFICATE OI issued by the e Refinance pair(s) or Rep belief, this rep this certificate repair or repla in any manner nspection.	ic D No psi 94-10875. -95-06647 F COMPL are correct heer F INSPECT National Bo oyed by <u>T</u> National Bo oyed by <u>T</u> hadement(s) pair or repla b, neither the acement desi for any per	rmal Operatin Test Temp IANCE tand this re Date: 8- ION ard of Boiler and Secribed in this Re cement has been inspector nor the sonal injury or p	g Pres 534 pair an 9-95 Pressu epont or n constru- neir emp port. Fi roperty c	sure °F °F nd repla re Vesse <i>A T r</i> <i>a b b b c c b b c c c c c c c c c c</i>	Other C cement Inspectors Z_{a}^{-} of $Q_{19}_{25}^{-}$ accordance ikes any re, neither or a loss

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. OWNER:	Northeast	Nuclear Ener	gy Company	1	Da	te: 7-26	-95
	P.O. Box 1	28, Waterford	d, CT 06385	}	Sh	eet: 1	of 1
. PLANT:	Millstone N P.O. Box 1	luclear Power 28. Waterford	r Station)	Un	it: Mills	tone Unit 2
. Work Pe	rformed by:	Northeast M P.O. Box 12	Nuclear Ene 28, Waterfor	rgy Compa rd, CT 063	any 385	NNE Report Org	CO antaethon PO No., Job Ho etc.
. Identifica	ation of Syst	em: Rea	ctor Coolar	nt (2301)			
(a) Applicable (b) Applicable Identifica	Construction Code: Edition of Section XI (ation of Con	ANSI B31.7 Class	Replacements	1981, Winter 11 Replaced.	Addenda R61 Addenda, and Replace	Code Cases Code Cases ment Com	onents
Name of Component	Name of Mfr.	Mîr Ser No.	Nat'l Bd. No.	CRN No.	Other Iden.	Repaired/ Replaced/ Replacement	ASME Code Stamped (Yes or NO
orth West pring Can 08009	International Nuclearsafe- guards Corp.	N/A	N/A	N/A	MRIR No. 494- 132 and 492-068	Replacement	No
outh East oring Can 08009	International Nuclear safe- guards Corp.	N/A	N/A	N/A	MRIR No. 493- 091 and 495-118	Repaired	No
. Descript	ion of work	System: 1 2 lydrostatic E) N/W - Rep) S/E - Rep] Pneuma	air degrac tic D No	is bolt and nut ded bolt head. ormal Operatin	ng Pressure	D Other

We certify that the statements made in this report are correct and this <u>repair</u> conforms to section XI of the ASME Code.

Signed: Title:	Ensineer	Date:	7-26-95
CER	RTIFICATE OF INSPE	CTION	
I, the undersigned, holding a valid commission	issued by the Nationa	Board of B	oiler and Pressure Vessel Inspectors
and the State or Province of Conscient	, employed by	The Nart	in this Perford on 15 G V 19 95
(Re	pair(s) or Replacemen	nt(s))	in this Report on Carly Line 10
and state that to the best of my knowledge and	belief, this repair or r	eplacement	has been constructed in accordance
with Section XI of the ASME Code. By signing	this certificate, neithe	r the inspect	tor nor their employer makes any
the Inspector nor their employer shall be liable	in any manner for any	personal in	jury or property damage or a loss
of any kind arising from or connected with this	inspection.	0	
Date 19 Level 95 - Channel	Commissions	LT 1137	or Province National Roard)
/ (Inspector)	THE REAL PROPERTY AND A DESCRIPTION OF A	plate	or riovince, national board

	FORM NIS	-2 OWNER'S As Required by	REPORT (OF REPA	AIR OR REPL E Code Section		IENTS #1	0F 2	
1. OWNER:	Northeast M	Nuclear Energ	y Company		Da	ate:	8-8-95		
	P.O. Box 1	28, Waterford	, CT 06385		SI	neet:	1	of	1
2. PLANT:	Millstone N	uclear Power	Station		U	nit:	Millston	ne Unit	2
	P.O. Box 1	28, Waterford	CT 06385	-					
3. Work Pe	rformed by:	Northeast N	uclear Ener	gy Compa	any		NNEC	0	
		P.O. Box 12	8, Waterford	d, CT 063	385		Repair Organizat	fan PC No., Jub	Ma min.
4. Identifica	ation of Syst	em: Read	tor Coolant	(2301)	an af any statement was an				-
5. (e) Applicable	Construction Code:	ASME Section III , C	lass 1 1971	Edition,	W 1971 Addenda	, Code	Cases		
(b) Applicable	Edition of Section XI U	tilized for Repairs or Re	epłaciermente	1961, Winter 1	981 Addenda,	Code C		· _	
6. Identifica	ation of Com	ponents Rep	aired or R	eplaced,	and Replace	ment	Compo	nents	CHINA CONTRACTOR CONTRACTOR
Name of	Name	Mfr	Nat'l	CRN	Other	Re	paired/	ASME	Code
Component	of Mfr.	Ser No.	Bd. No.	NO.	Iden.	Repl	acement	(Yes c	or NO)
2-RC-402 Main Disc	Dresser Incustries	AAA90	N/A	N/A	N/A	Repla	aced	No	
2-Rc-402 Main Disc	Diesser	ABL33	N/A	N/A	MRIR 289- 230	Repi	acement	No	ent situateinat attorning a
 7. Descript 8. Test Cor 9. Remarks 	ion of work S nducted: Hy Te : <u>Work per</u> Retest pe	System: 1) vdrostatic est Pressure formed under	Replaced r Pneumati 2295 AWO M2-9 er AWO M2	nain disc c 🗆 No psi 94-10876 -95-0664	ormal Operatir Test Temp 5. • 7	ng Pre 53	ssure D 4°F] Oth	er 🗆
RF aller Aller an and An Angelian an Annahr Annah		CERT	IFICATE O	FCOMP	LIANCE				
We certify th	at the statem	ents made in	this report	are corre	ect and this _r	eplace	ement		and a second second
conforms to	Section XI of	the ASME Co	de.						
Signed:	m Sha	Title:	Engi	neer	Date: 8	3-9-95			
0		CER	RTIFICATE O	F INSPEC	TION				
and the State and state that the with Section XI warranty, express the Inspector no of any kind aris Date 24 April	o the best of my of the ASME C essed or implied or their employee	alid commission ave inspected th (Re knowledge and ode. By signing , concerning the er shall be liable hected with this	issued by the , emp e <u>oper</u> pair(s) or Re belie!, this re this certificat repair or rep in any manne inspection.	National E loyed by 7 placement(pair or rep e, neither t lacement d er for any p missions	Board of Boiler and described in this (s)) blacement has be the Inspector nor lescribed in this lescribed in this les	Report Report their e Report. proper	sure Vess in <u>7,7</u> on <u>17</u> structed ir mployer m Furtherm ty damage	accord accord nakes an ore, ner or a los	ance y ther ss
		pectory			(State or Pro	Jvince,	National	soard)	

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1. OWNER 2. PLANT:	P.O. Box 1	Nuclear Energ	School of Station with the school of the	and the second se					
2. PLANT:	and the second se	28, Waterford	y Company CT 06385	<u>/</u>	D	ate: neet:	7-21-9	5 of	1
	Millstone N P.O. Box 12	uclear Power 28, Waterford	Station CT 06385		U	nit:	Millsto	ne Uni	2
3. Work Pe	erformed by:	Northeast N P.O. Box 12	uclear Ener 8, Waterfor	gy Compa d, CT 063	any 85		M2-94- Report Organizat	10873	e Hao este.
 Identific (a) Applicable (b) Applicable Identific 	ation of System e Construction Code: e Edition of Section XI U ation of Com	ANSI B31.7 Class I Lilized for Repairs or Re ponents Rep	tor Coolan 198 plecements paired or R	t (2301) Edition, 1981, Winter 19 ceplaced,	Addenda 81 Addenda, and Replace	Code Code Coment	Casses Compo	nents	
Name of Component	Name of Mfr.	Mfr Ser No.	Nat'l Bd. No.	CRN No.	Other Iden.	Rej Rej Repla	paired/ placed/ acement	ASME Star (Yes o	Code nped or NO)
2-RC-201 Inlet Studs	Dresser Industries	BR06610	N/A	N/A	MRIR No. 290-281	Repla	acement	No	
2-RC-201 Discharge Nut	Dresser Industries	BR06610	N/A	N/A	MRIR No. 295-023	Repla	cement	No	
 7. Descrip 8. Test Co 9. Remark 	tion of work S nducted: Hy Te	oystem: 1) 2) vdrostatic □ est Pressure	Replace va Replace or Pneumati 2300	alve inlet f ne dischar c D No psi	lange studs rge flange nut rmal Operatir Test Temp	ng Prei 53-	ssure a 4°F	Oth	er 🗆
e. Remarka	Retest pe	rformed unde	r AWO M2	-95-06647	7				
We certify the conforms to	hat the statem	CERTI ents made in the ASME Co	FICATE O this report de.	F COMPL are correc	IANCE	eplace	ment		
Signed:	h Sh	Title:	Ensinee	er	Date: 7-2	1-95	5		
and the State	to the best of my l of the ASME Cor essed or implied, hor their employer sing from or corporation	CER Id commission i Dereview we inspected the (Re knowledge and ode. By signing concerning the r shall be liable i bected with this i pector)	TIFICATE O issued by the , emp e, emp e, emp belief, this re this certificat repair or repl in any manne nspection. Comm	F INSPECT National Bu loyed by Z pair or repla e, neither the lacement de er for any pen nissions	TON bard of Boiler ar <u>source</u> escribed in this be inspector nor escribed in this F ersonal injury or <u>2002</u> (State or Pro	Report Report en cons their en Report. propert	sure Vess on <u>Aug</u> structed in ployer m Furtherm y damage	el Inspe Z 25 19 accorda akes an ore, neit or a los	of of ance y ther s

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ASME SECTION XI REPAIR REPLACEMENT PLAN

(SHEET 1 OF 5)

1)	TITLE:	Pipe spool replacement for Vital AC Switchgear Room C	Cooling Coil 181	A
2)	AWO No.	.: M2 95 11245	3) DATE:	10/13/95
4)	System:	Service Water	5) System	No.: 2326
6)	COMPONE	NT DESCRIPTION:	7)	
	The 2"X 1 piping was replaceme PDCR/DC replaceme	7" long bronze, braided spool located in the associated s subject to failure due to material incompatibility. The ent spool is identical and will only be used until a CN can be done to replace the spool with a more suitible ent.	□ REPAIR ■ REPLACE □ MODIFIC	MENT ATION
8)	PDCR No	9) NCR NO.		
10)	SECTION >	KI CODE EDITION, ADDENDA, AND CODE CASES GOVERNING F	REPAIR, OR REPL	ACEMENT:
	Year: 1	1980, with Winter 1981 Addenda	Code Cla	ass: 3
11)	REASON F	OR REPAIR, REPLACEMENT, OR MODIFICATION:		
	The existi	ing flexible pipe spool is subject to failure due to spool ma	aterial incompat	ibility
12)	EVALUATIO	ON OF CAUSE OF FAILURE AND SUITABILITY OF REPAIR, REPLA	CEMENT, OR MOI	DIFICATION:
	Likely pipe spool is id be installe	e spool failure is due to erosion/corrosion based on previo dentical in construction and will be used until a more suiti ed.	bus failures. Th ble material rep	e replacement lacement can

LEVEL OF USE

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ASME SECTION XI REPAIR REPLACEMENT PLAN

(SHEET 2 OF 5)

inter an for segment of their	ITEM	ORIGINAL COMPONENT	NEW COMPONENT
13)	MANUFACTURER	Senior Flexonics Inc.	Senior Flexonics Inc.
14)	MATERIAL SPECIFICATION	Bellows- Copper Alloy ASTM B 508-81 Flange - Mil-C-15726 (90/10 Cu-Ni)	Bellows- Copper Alloy ASTM B 508-81 Flange - Mil-C-15726 (90/10 Cu-Ni)
15)	DRAWING OR CATALOG NO.	Senior Flexonics INC. DWG. No. D-54151 Rev. 1	Senior Flexonics INC. DWG. No. D-54151 Rev. 1
16)	NATIONAL BOARD NO. AND SERIAL NO.	N/A	N/A
17)	FABRICATION OR CONSTRUCTION CODE, YEAR, ADDENDA, DESIGN SPECIFICATION	ASME Sect. III, Class 3, 1989 Edition, Article ND- 3649.4 and Code Case N- 192-2 DCN - DM2-5-0864-94	ASME Sect. III, Class 3, 1989 Edition, Article ND- 3649.4 and Code Case N- 192-2 SAME
18)	INSTALLATION CODE, YEAR ADDENDA, AND DESIGN SPECIFICATION	ANSI B31.1, 1973	ANSI B31.1, 1973
19)	MRIR NO.	292-416-1	292-416-1
20)	P.O. No.	P.O.938363	P.O. 938363

LEVEL OF USE

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ASME SECTION XI REPAIR REPLACEMENT PLAN

(SHEET 3 OF 5)

21)	RECONCILE DIFFERENCES BETWEEN ORIGINAL AND NEW COMPONENT PARTS AS APPLICABLE							
22)	WELD PROCE	DURE:	N/A	N/A				
23)	HEAT TREATM	HEAT TREATMENT: N/A				er Las andreadas susceres		
24)	CONSTRUCTION CODE NDE PROCEDURE AND ACCEPTANCE CRITERIA: N/A							
25)	EVALUATION OF SUITABILITY OF WELD PROCESS: N/A							
26)	FLAW SIZE AND MEASUREMENT: N/A							
27)	FLAW IDENTIF	ICATION						
			NDE (SPECIFY) N/A OTHER (SPECIFY) N/A		PECIFY) N/A			
28)	FLAW REMOV	REMOVAL METHOD (ATTACH DETAILED PROCEDURE): Replace leaking spool						
29)	MINIMUM WAI	LL REQU	IREMENTS:	:: N/A				

LEVEL OF USE

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ASME SECTION XI REPAIR REPLACEMENT PLAN

(SHEET 4 OF 5)

30)	DESCRIPTION OF WORK TO BE PERFORMED	AN!/AN!I HOLD POINTS
	Remove existing leaking spool and replace with identical replacement.	
	Perform inservice leak test per SP21218	
		DENOTES ANI/ANII HOLD POINT. NO WORK SHALL PROGRESS PAST THIS POINT WITHOUT NOTIFYING THE ANI/ANII

REPAIR REPLACEMENT PLAN PREPARED BY:

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NAME AND SIGNATURE

LEVEL OF USE

INFORMATION

En GINERIZ TITLE

10/3

DATE

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ASME SECTION XI REPAIR REPLACEMENT PLAN

(SHEET 5 OF 5)

	ISI/IST/ENGINEERI	NG REQUIREMENTS	
31) PRESSURE TEST			
Shop Hydron cooler >	ostatically testied per P.O. 9383 -181A lower coil and will be inst	 This replacement part w alled on the 181A upper coi 	as previously inservice I.
An inservio	e inspection per SP21218 is rec	uired.	N PARTY AND A REAL PROPERTY OF
32) ISI NDE AND A	CCEPTANCE CRITERIA:		
N/A			an a
33) IST PUMP OR V	ALVE TEST:		
N/A			
34) APPENDIX "J" L	EAK TEST:		
N/A			an for a substance of the contract of the substance of the substance of the substance of the substance of the s
35) COMMENTS: SI	NCE THIS REPAIR IS BEING MADE TO	TWO (2) INCH PIPE NO NDE IS	REQUIRED
ISI/IST/ENGINEERI	NG REQUIREMENTS PREPARED BY:		
11 0	Kon Les Rai	0 ISI Coordinator	10/13/95
<u> </u>	VALID SIGNATURE	TITLE	DATE
36) ANI/ANII REVI	EW AND COMMENTS:		
pare rea pas 25 A + Se stated	26. Prize to NZI-2 0 Lorg. Et 1013.95	- TO VENEY ENTRIE signing confirmation of	this verification Me.
E fard	ANI/ANII SIGNATURE	10/1	DATE

LEVEL OF USE

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