UNIT 1 REFUELING 24

INSERVICE INSPECTION SUMMARY REPORT

FOR

FORM NIS-1

Ille Colone Date: 10-13-98 Written by: Reviewed by: lock Date: Date: 10/14/55 Approved by: en

9810200026 981014 PDR ADOCK 05000266 G PDR

Page 1 of 22

Acronyms

ASME	American Society of Mechanical Fromeers
CR	Condition Report
IDR	Indication Disposition Report
IN	Information Notice
ISI	Inservice Inspection
LTP	Long Term Plan
MT	Magnetic Particle Examination
NDE	Nondestructive Examination
NRC	Nuclear Regulatory Commission
PBNP	Point Beach Nuclear Plant
P-G	Phillips Getschow
РТ	Liquid Penetrant Examination
PWA	Professional Welding Associates
QAS	Quality Assurance Section
RAYTHEON	Raytheon Engineering (Formerly EBASCO Services Incorporated)
RRM	Repair/Replacement/Modification
RT	Radiographic Examination
SwRI	Southwest Research Institute
UT	Ultrasonic Examination
VT	Visual Examination

WE Wisconsin Electric Power Company

WO Maintenance Work Order

Table of Contents

- 1.0 INTRODUCTION
- 2.0 CODE CASES AND INTERPRETATIONS
- 3.0 ABSTRACT OF EXAMINATIONS
 - 3.1 Determination of Scope
 - 3.2 Scope of Component/Weld Examinations
 - 3.3 Completed Component/Weld Examinations
 - 3.4 Pressure Tests
 - 3.5 Snubber Surveillance Test

4.0 ABSTRACT OF CONDITIONS NOTED AND CORRECTIVE MEASURES TAKEN

- 4.1 Component/Weld
- 4.2 Pressure Tests
- 4.3 Snubber Surveillance Tests

UNIT 1 REFUELING 24 INSERVICE INSPECTION SUMMARY

1.0 INTRODUCTION

From May 10, 1996 to July 14, 1998, non-destructive examinations of selected components at PBNP Unit 1 were performed. These examinations constitute the first examination of the third period, of the third 10-year interval at PBNP Unit 1 The time interval for this examination period included the Unit 1 Refueling 24 outage (U1R24) that ran from February 14, 1998 to July 4, 1998.

2.0 CODE CASES AND INTERPRETATIONS

This report and examinations were completed applying the following:

- 2.1 ASME Code Interpretation, Section VIII-1-83-17, which allows for computer generated data report forms to be used as long as size, arrangement, and content are identical.
- 2.2 Code Case N-448 (VT-2 and VT-3 personnel qualifications)
- 2.3 Code Case N-460 (Class 1 and Class 2 weld examination coverage)
- 2.4 Code Case N-481 (Alternate examinations for RCP Pump Casings)
- 2.5 Code Case N-491 (Alternate examinations for Supports)

3.0 ABSTRACT OF EXAMINATIONS

3.1 Determination of Scope

Components and system areas were selected for examination in accordance with the following:

- 3.1.1 PBNP FSAR, Technical Specification Section 15.4.2.B
- 3.1.2 Long Term Inservice Examination Plan for Class 1, Class 2, and Class 3 systems at Point Beach Nuclear Plant, Third Interval, Unit 1
- 3.1.3 Augmented Examination Program of Section 4 of the Inservice Inspection Long Term Plan, Third Interval

3.2 Scope of Component/ Weld Examinations

Representative samples of the following components and system areas were examined with NDE techniques by P-G, PWA, QAS, RAYTHEON, and SwRI personnel.

Reactor Pressure Vessel

Pressurizer

Regenerative Heat Exchanger

A Steam Generator

B Steam Generator

A Reactor Coolant Pump

Class 1 Valve Internals

Class 1 Pressure Retaining Valve Bolting

Class 1 Piping and Supports

Class 2 Piping and Supports

Class 3 Pipe Supports

3.3 Completed Component/Weld Examinations

CODE or

HEADING DESCRIPTION

Exam Type Defines the requirement or reason for the examination performed.

- 86E-03 Examination performed as required by ASME Section XI, 1986 Edition, No Addenda.
- B01-03 Augmented examinations performed on Heavy Load Lifting Devices per ANSI N14.6.
- B02-03 Augmented examinations performed for Reactor Coolant Pump Flywheel Integrity in accordance with Regulatory Guide 1.14.

Page 6 of 22

- B03-03 Augmented examinations performed on Main Steam Bypass Line Energy Absorbers.
- B04-03 Augmented examinations performed on Threaded Fasteners, per IEB 82-02.
- C03-03 Reexamination performed per CR 97-1876.
- D02-03 Examination to document removal of support 845E per RRM 98-0001.
- D03-03 Examination to document removal of support SI-36 per RRM 98-0001.
- E01-03 Alternate examinations performed in accordance with Code Case N-481.
- P25-03 Preservice examination for RRM 98-0001.
- P26-03 Preservice examination for RRM 98-0050.
- P27-03 Preservice examination for RRM 98-0039.
- P28-03 Preservice examination for RRM 97-0074.
- P29-03 Preservice examination for RRM 98-0002.
- P30-03 Preservice examination for RRM 98-0029.
- P31-03 Preservice examination for RRM 98-0042.
- R23-03 Examination after work done to WO 9803857.
- R24-03 Examination after work done to WO 9803858.
- R25-03 Examination after work done to WO 9710138.
- S16-03 Successive Examination for 3H-01 (IDR 9401-7P019).
- S17-03 Successive Examination for SI-80 (IDR 9401-7P029).
- X03-03 Supplemental examination per IDR 98U1-7P003.
- X04-03 Supplemental examination per IDR 98U1-7P004.

- X05-03 Supplemental examination per IDR 98U1-7P005.
- X06-03 Supplemental examination per IDR 98U1-7P007.
- X07-03 Supplemental examination per IDR 98U1-7P008.
- X08-03 Supplemental examination per IDR 98U1-7P009.
- X09-03 Supplemental examination per IDR 98U1-7P010.
- X10-03 Supplemental examination per IDR 98U1-7P011.
- X11-93 Supplemental examination per IDR 98U1-7P012.
- X12-03 Supplemental examination per IDR 98U1-7P013.
- X13-03 Supplemental examination per IDR 98U1-7P014.
- X14-03 Supplemental examination per IDR 98U1-7P022.
- X15-03 Supplemental examination per IDR 98U1-7P023.
- X16-03 Supplemental examination per IDR 98U1-7P025.
- Ind Type Description of indications. G = geometry I = insignificant or non-relevant indications N = no indications R = recordable indications
- Results Indicates the outcome of a particular exam.
 - P = Pass
 - F = Fail
 - C = Conditionally Accepted
 - N = No examination performed

Program Indicates whether or not ASME Section XI credit has been taken for the Credit exam. Augmented or other examinations not performed for an ASME Section XI requirement will be indicated by an N.

Following are database printouts that summarize the ISI examinations that were performed during the Unit 1 Refueling 24 outage.

Examinations (See Pages 9-1 through 9-44)

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

COMPONENT IDE COMPONENT DES ITEM ISOM RELIEF MA	NTIFICATION SCRIPTION ETRIC TERIAL A & B	DIA.	THICKNESS	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
24-12-PRA RIGID SUPPORT F1.10C ISI-PI PRESERVICE EXA	RI-1150 MINATION PER RRM	2.00 98-0001	0.000 (W.O. 9701443).	VT-3	P25-03	06/12/98	98U1-754P070	р	N	N
2H-02 SPRING HANGER F1.20C ISI-PI EXAMINATION P	RI-1222 ERFORMED AFTER AI	8.00 DDING	0.000 FOUR TACK WE	VT-3 ELDS PER R	P29-03 RM 98-0002 (W.	04/29/98 0.9800774).	98U1-754P050	Р	N	N
36-22-PSSA RIGID SUPPORT F1.10B ISI-PI PRESERVICE EXA	RI-1136 MINATION PER RRM	2.00 98-0050	0.000 (W.O. 9805492).	VT-3	P26-03	05/14/98	98U1-754P058	Р	N	N
37-16-PSA RIGID SUPPORT F1.10B ISI-PI	RI-1137	2.00	0.000	VT-3	86E-03	02/27/98	98U1-754P008	Р	Y	N
39-18-PRA RIGID SUPPORT F1.10B ISI-PI	RI-1139	2.00	0.000	VT-3	86E-03	02/27/98	98U1-754P007	Р	Y	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

COMPONENT IDENTIFICATION COMPONENT DESCRIPTION ITEM ISOMETRIC RELIEF MATERIAL A & B	DIA.	THICKNESS	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
3H-01 RIGID SUPPORT F1.20A ISI-PRI-1223 GROUT IS CRACKED ON WEST SIDE OI THE BASE PLATE FOR AT LEAST 1" TO	10.00 F THE S) 1-1/2"	0.000 UPPORT AND I DEEP IN THE S	VT-3 DOES NOT E AME LOCA	S16-03 EXIST FOR 7" O TION. SIMILAR	03/24/98 F 11-1/2" OF T CONDITIONS	98U1-754P021 HE EAST SIDE. THE G WERE DOCUMENTED	P GROUT IS MISSI O IN 1994 DURIN	N NG UNDER NG U1R21.	R
3H-04 SPRING HANGER F1.20C ISI-PRI-1222 754P055 ONLY EXAMINED WHERE NEW	10.00 W BLOC	0.000 CKS WERE INST	VT-3 VT-3 ALLED PER	86E-03 P29-03 RRM 98-0002 (03/24/98 05/13/98 W.O. 9800774)	98U1-754P020 98U1-754P055	P P	Y N	N N
40-18-PRC RIGID SUPPORT F1.10B ISI-PRI-1140 GAPS NOTED ON BOTH WALL PLATES	2.00	0.000 10".	VT-3	86E-03	04/07/98	98U1-754P038	Р	Y	R
41-02-PRB RIGID SUPPORT F1.10B ISI-PRI-1141 EXAMINED UP TO INSULATION.	2.00	0.000	VT-3	86E-03	05/19/98	98U1-754P056	Ρ	Y	N
42-14-PSSB RIGID SUPPORT F1.10B ISI-PRI-1143	2.00	0.000	VT-3	86E-03	03/02/98	98U1-754P011	р	Y	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

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43-10-PHB RIGID SUPPORT F1.10B ISI-PRI-1144	2.00	0.000	VT-3	86E-03	03/02/98	98U1-754P010	Р	Y	N
44-05-PR RIGID SUPPORT F1.10B ISI-PRI-1146	2.00	0.000	VT-3	86E-03	02/27/98	98U1-754P009	Р	Y	N
46-12-PR RIGID SUPPORT F1.10B ISI-PRI-1149 PRESERVICE EXAMINATION PER RRM	2.00 98-0001	0.000 I (W.O. 9701443).	VT-3 VT-3	86E-03 P25-03	02/21/98 06/12/98	98U1-754P002 98U1-754P071	P P	Y N	N N
4H-06 SPRING HANGER F1.20C ISI-PRI-1227	8.00	0.000	VT-3	86E-03	03/24/98	98U1-754P022	Р	Y	N
6H-17 SPRING HANGER F1.20C ISI-PRI-1232	6.00	0.000	VT-3	86E-03	03/27/98	98U1-754P024	Р	Y	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

COMPONENT IDENTIFICATION COMPONENT DESCRIPTION ITEM ISOMETRIC RELIEF MATERIAL A & B	DIA. TH	METHO	D EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
845E F1.10B SI-PRI-1150 EXAMINATION PERFORMED TO DO	2.00 CUMENT REM	VT-3 10VAL PER RRM 98-1	D02-03 0001 (W.O. 9	06/12/98 701443).	98U1-754P076	Р	Ν	N
878A-1 F1.10E ISI-PRI-1250 PRESERVICE EXAMINATION PER RE	2.00 M 98-0001 (W	VT-3 .O. 9701443).	P25-03	06/12/98	98U1-754P075	Р	N	N
AC-02 VARIABLE SPRING F1.20C ISI-PRI-1237	6.00 0.0	VT-3	86E-03	03/28/98	98U1-754P037	Р	Y	N
AC-06-SI-1001-08 ELBOW TO PIPE B9.11 ISI-PRI-1127 109P009 FOR WELD PROFILES ONLY 109P026 FOR LAMINATION SCAN ON	6.00 6.5 ILY.	562 PT UT UT UT	86E-03 86E-03 86E-03 86E-03	03/02/98 03/02/98 04/22/98 03/02/98	98U1-451P018 98U1-109P026 98U1-109P009 98U1-161P004	P P P P	Y Y Y Y	N N N N N
AC-08-RHR-1003-07 ELBOW TO VALVE RH-710A C5.11B ISI-PRI-1227 109P031 SCANNED ELBOW SIDE ONI 161P017 SINGLE-SIDED EXAM DUE 1	8.00 0.3 Y DUE TO VA O CONFIGUR	PT UT 22 UT ALVE CONFIGURATION ATION. CODE-REQU	86E-03 86E-03 86E-03 ON. JIRED COVE	03/26/98 03/26/98 03/26/98 RAGE OBTAINED	98U1-451P029 98U1-109P031 98U1-161P017	P P P	Y Y Y	N N N N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

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AC-08-RHR-1003-14 PIPE TO ELBOW C5.11B ISI-PRI-1227 109P005 FOR WELD PROFILES ONI 109P030 FOR LAMINATION SCAN 0 451P027 ONE ROUND INDICATION	8.00 0.322 LY. ONLY. 3/32" AT THE UPDSTRI	PT UT UT UT EAM WELD T	86E-03 86E-03 86E-03 86E-03	03/24/98 03/24/98 04/22/98 03/24/98	98U1-451P027 98U1-109P030 98U1-109P005 98U1-161P016	P P P	Y Y Y Y	RNN
AC-08-RHR-1004-03 ELBOW TO PIPE C5.11B ISI-PRI-1228 109P029 FOR LAMINATION SCAN (109P006 FOR WELD PROFILES ONI 451P028 ONE ROUND INDICATION	8.00 0.322 ONLY. LY. 3/16 IN UPSTREAM B/	PT UT UT UT ASE METAL.	86E-03 86E-03 86E-03 86E-03	03/24/98 03/24/98 04/22/98 03/24/98	98U1-451P028 98U1-109P029 98U1-109P006 98U1-161P015	P P P P	Y Y Y Y	RNNN
AC-10-RHR-1006-12 TEE TO REDUCER C5.11B ISI-PRI-1224 109P013 FOR LAMINATION SCAN (109P007 FOR WELD PROFILES ONI 451P020 - 3/16" ROUND INDICATIO	10.00 0.365 DNLY. LY. DN IN THE BASE METAL	PT UT UT UT	86E-03 86E-03 86E-03 86E-03	03/06/98 03/07/98 03/07/98 04/22/98	98U1-451P020 98U1-161P005 98U1-109P013 98U1-109P007	P P P P	Y Y Y Y	R N N N
CVC-02-LD-1001-32A TEE TO PIPE B9.40 ISI-PRI-1147	2.00 0.344	РТ	86E-03	04/11/98	98U1-451P033	р	Y	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

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CVC-02-LD-1001-33 PIPE TO ELBOW B9.40 ISI-PRI-1147 3/32" LINEAR INDICATION.	2.00	0.344	РТ	86E-03	03/02/98	98U1-451P019	Р	Y	R
CVC-02-PSI-1001-39 PIPE TO ELBOW B9.40 ISI-PRI-1142	2.00	0.344	PT	86E-03	02/27/98	98U1-451P011	Р	Y	N
CVC-02-PSI-1002-04 TEE TO PIPE B9.40 ISI-PRI-1144	2.00	0.344	РТ	86E-03	03/02/98	98U1-451P017	Р	Y	N
CVC-02-PSI-1002-21 PIPE TO ELBOW B9.40 ISI-PRI-1144	2.00	0.344	РТ	86E-03	04/24/98	98U1-451P035	Р	Y	N
EA-EB-2-3 ENERGY ABSORBER ENERGY ISI-PRI-1405 EXAM AFTER WORK PERFORMED TO	24.00 W.O. 98	0.000 303857.	VT-3	R23-03	06/15/98	98U1-754P069	Р	N	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

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EA-EB-2-4 ENERGY ABSORBER ENERGY ISI-PRI-1405 EXAM AFTER WORK PERFORMED PEI	16.00 R W.O. 9	0.000 803858.	VT-3	R24-03	06/15/98	98U1-754P068	Р	N	N
EA-EB-2-5 ENERGY ABSORBER ENERGY ISI-PRI-1405 PIPE CLAMP IS INSULATED.	16.00	0.000	VT-3	BC3-03	03/04/98	98U1-754P015	Р	N	N
FW-16-FW-1001-07 PIPE TO ELBOW C5.51 ISI-PRI-1244 109P002 FOR WELD PROFILES ONLY. 1J9P027 FOR LAMINATION SCAN ONL 350P008 FIVE LINEAR INDICATIONS .4 DIMENSION.	16.00 Y. "/.2"/.4"	0.843 7/.2"/.15" EVALU	MT UT UT UT UT	86E-03 86E-03 X14-03 86E-03 86E-03 UT (164P002) AN	03/11/98 04/22/98 03/13/98 03/12/98 03/12/98 ND DETERMIN	98U1-350P008 98U1-109P002 98U1-164P002 98U1-164P027 98U1-161P013	C P P P P ASURABLE THR	Y Y N Y Y U-WALL	R N N N N N N
FW-16-FW-1001-11 PIPE TO ELBOW C5.51 ISI-PRI-1245 109P003 FOR WELD PROFILES ONLY. 109P028 FOR LAMINATION SCAN ONL 350P009 THREE ALLOWABLE LINEAR NO MEASURABLE THRU-WALL DIME	16.00 Y. INDICA NSION.	0.843 TIONS AND TWO	MT UT UT UT D LINEAR I	86E-03 86E-03 X15-03 86E-03 86E-03 NDICATIONS 1.	03/11/98 04/22/98 03/13/98 03/12/98 03/12/98 03/12/98	97U1-350P009 98U1-109P003 98U1-164P001 98U1-109P028 98U1-161P014 ATED BY UT (164P001	C P P P P	Y Y N Y Y INED TO HA	R N N N VE

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

COMPONENT IDENTIFICATION COMPONENT DESCRIPTION ITEM ISOMETRIC RELIEF MATERIAL A & B	DIA.	THICKNESS	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
H-10 RIGID SUPPORT F1.20A ISI-PRI-1243 INSPECTED UP TO INSULATION.	30.00 (0.600	VT-3	86E-03	03/04/98	98U1-754P014	Р	Y	N
H-105G F1.10B ISI-PRI-1137 PRESERVICE EXAMINATION PER RRM	2.00 98-0050 (W.O. 9805500).	VT-3	P26-03	05/26/98	98U1-754P074	Р	N	N
H-106G F1.10B ISI-PRI-1137 PRESERVICE EXAMINATION PER RRM	2.00 98-0050 (W.O. 9805755).	VT-3	P26-03	05/21/98	98U1-754P064	Р	N	N
H-112G F1.10A ISI-PRI-1137 PRESERVICE EXAMINATON PER RRM 9	2.00 98-0050 (V	W.O. 9805501).	VT-3	P26-03	05/21/98	98U1-754P062	Р	N	N
H-126 RIGID SUPPORT F1.30B ISI-PRI-1351 INSPECTED UP TO INSULATION.	20.00	0.000	VT-3	86E-03	03/04/98	98U1-754P012	р	Y	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

COMPONENT IDENTIFICATION COMPONENT DESCRIPTION ITEM ISOMETRIC RELIEF MATERIAL A & B	DIA. THICKNESS	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
H-133 RIGID SUPPORT F1.30A ISI-PRI-1349 .15" GAP ON EAST AND NORTH SIDE OF EXAMINED UP TO INSULATION.	20.00 0.000 F PLATE.	VT-3	86E-03	03/27/98	98U1-754P027	Р	Y	R
H-200 RIGID SUPPORT F1.10B ISI-PRI-1136 PRESERVICE EXAMINATION PER RRM	3.00 0.000 98-0050 (W.O. 9805496)	VT-3	P26-03	05/14/98	98U1-754P057	Р	N	N
H-201 F1.10B ISI-PRI-1137 PRESERVICE EXAMINATION PER RRM	2.00 98-0050 (W.O. 9805502)	VT-3	P26-03	05/21/98	98U1-754P063	Р	N	N
H-21A RIGID SUPPORT F1.30B ISI-PRI-1323 .40" GAP AT SLIDING PLATE - AS BUILT	6.00 0.000 T Shows .25" Withou	VT-3 IT TOLERA	86E-03 NCE. EXAMIN	03/27/98 ED UP TO INS	98U1-754P030 ULATION.	Р	Y	R
H-24 RIGID SUPPORT F1.30A ISI-PRI-1322 EXAMINED UP TO INSULATION.	8.00 0.000	VT-3	86E-03	03/27/98	98U1-754P029	Р	Y	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

COMPONEN COMPONEN ITEM RELIEF	NT IDENTIFICATION NT DESCRIPTION ISOMETRIC MATERIAL A & B	DIA.	THICKNESS	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
H-74 RIGID SUPI F1.30B	PORT ISI-PRI-1328	14.00	0.000	VT-3	86E-03	02/23/98	98U1-754P004	Р	Y	N
H-89 RIGID SUPI F1.30A ROD SLIGH EXAMINED	PORT ISI-PRI-1326 ITLY BOWED AWAY FROM I O UP TO INSULATION.	14.00 PLATFO	0.000 DRM, GOUGES O	VT-3 ON ROD WH	86E-03 HERE ROD TRAY	03/27/98 VELS THROUC	98U1-754P026 GH CUT-OUT IN STAIR	C WAY PLATFOR	Y M.	R
H-A1004 F1.10B PRESERVIC	ISI-PRI-1136 CE EXAMINATION PER RRM	2.00 98-0050	(W.O. 9805493)	VT-3	P26-03	05/14/98	98U1-754P060	Р	N	N
H-A1005 F1.10B PRESERVIC	ISI-PRI-1136 CE EXAMINATION PER RRM	2.00 98-0050	(W.O. 9805494).	VT-3	P26-03	05/14/98	98U1-754P059	Р	N	N
H-A1006 F1.10B PRESERVIC	ISI-PRI-1136 CE EXAMINATION PER RRM	2.00 98-0050	(W.O. 9805495)	VT-3	P26-03	05/14/98	98U1-754P061	Р	N	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

COMPONENT IDENTIFICATION COMPONENT DESCRIPTION ITEM ISOMETRIC DIA. THICKNESS RELIEF MATERIAL A & B	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
H100 RIGID SUPPORT F1.30B ISI-PRI-1358 8.00 PRESERVICE EXAMINATION PER RRM 98-0039 (W.O. 9713162)	VT-3	P27-03	04/19/98	98U1-754P045	р	N	N
H111 RIGID SUPPORT F1.30A ISI-PRI-1358 8.00 PRESERVICE EXAMINATION PER RRM 98-0059 (W.O. 9713162)	VT-3	P27-03	05/07/98	98U1-754P052	Р	N	N
H112 RIGID SUPPORT F1.30A ISI-PRI-1358 8.00 PRESERVICE EXAMINATION PER RRM 98-0039 (W.O. 9713162).	VT-3	P27-03	04/19/98	98U1-754P044	Р	N	N
H119 RIGID SUPPORT F1.30A ISI-PRI-1355 8.00 PRESERVICE EXAMINATION PER RRM 98-0039 (W.O. 9713162).	VT-3	P27-03	04/02/98	98U1-754P039	Р	N	N
H120 RIGID SUPPORT F1.30B ISI-PRI-1355 8.00 PRESERVICE EXAMINATION PER RRM 98-0039 (W.O. 9713162).	VT-3	P27-03	06/01/98	98U1-754P065	Р	N	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

COM ¹ A VENT IDENTIFICATION COMPONENT DESCRIPTION ITEM ISOMETRIC I RELIEF MATERIAL A & B	DIA. THICKNESS	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
H128 RIGID SUPPORT F1.30B ISI-PRI-1355 PRESERVICE EXAMINATION PER RRM 9	8.00 8-0039 (W.O. 9713162).	VT-3	P27-03	04/19/98	98U1-754P047	Р	N	N
H98 RIGID SUPPORT F1.30A ISI-PRI-1357 PRESERVICE EXAMINATION PER RRM 9	8.00 98-0039 (W.O. 9713162).	VT-3	P27-03	04/19/98	98U1-754P046	Р	N	N
HA2 F1.30B ISI-PRI-1358 PRESERVICE EXAMINATION PER RRM 9	8.00 7-0074 (W.O. 9710452).	VT-3	P28-03	04/02/98	98U1-754P078	Р	N	N
HB-2 RIGID SUPPORT F1.30B ISI-PRI-1356 PRESERVICE EXAMINATION PER RRM 9	8.00 7-0074 (W.O. 9710452).	VT-3	P28-03	06/16/98	98U1-754P072	Р	N	N
HB-3 RIGID SUPPORT F1.30A ISI-PRI-1356 PRESERVICE EXAMINATION PER RRM 9	8.00 7-0074 (W.O. 9710452).	VT-3	P28-03	06/16/98	98U1-754P073	Р	N	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

COMPONENT IDENTIFICATION COMPONENT DESCRIPTION ITEM ISOMETRIC RELIEF MATERIAL A & B	DIA.	THICKNESS	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
HC-IWA INTEGRALLY WELDED ATTACHMENT D2.20 ISI-PRI-1320	16.00	0.000	VT-3	86E-03	03/27/98	98U1-754P025	Р	Y	N
HS-08 SNUBBER F1.20C ISI-PRI-1201 PRESERVICE EXAM PER TO RRM 98-00	0.00)29 (W.O	0.000 9710137).	VT-3	P30-03	06/08/98	98U1-754P080	Р	Y	N
HS-13 SNUBBER F1.10C ISI-PRI-1129 EXAMINED AFTER WORK DONE PER V	6.00 W.O. 971	6.000 0138.	VT-3	R25-03	04/28/98	98U1-754P049	р	N	N
MS-30-MS-1002-09 ELBOW TO PIPE C5.51 ISI-PRI-1262 109P001 FOR WELD PROFILES ONLY. 109P017 FOR LAMINATION SCANS ONI 161P009 EXAM PERFORMED FROM EL	30.00 LY. BOW SIL	0.908 DE ONLY. COD	MT UT UT UT E-REQUIRE	86E-03 86E-03 86E-03 86E-03 D COVERAGE (03/10/98 03/10/98 04/22/98 03/10/98 OBTAINED.	98U1-350P006 98U1-161P009 98U1-109P001 98U1-109P017	р р р р	Y Y Y Y	ZZZZ
MS-30-MS-1002-09LD DOWNSTREAM LONG WELD C5.52 ISI-PRI-1262 CC 190P020/161P012 EXAMINED 2 1/2T OF	30.00 LONG W	1.125 /ELD ONLY.	MT UT UT	86E-03 86E-03 86E-03	03/10/98 03/10/98 03/10/98	98U1-350P007 98U1-161P012 98U1-109P020	P P P	Y Y Y	N N N N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

COMPONENT IDENTIFICATION COMPONENT DESCRIPTION ITEM ISOMETRIC DIA. RELIEF MATERIAL A & B	THICKNESS	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
MS-30-MS-1002-09LUI INSIDE UPSTREAM LONG WELD C5.52 ISI-PRI-1262 30.00 CC 109P018/161P010 EXAMINED 2 1/2T OF LONG W	0.908 VELD ONLY.	MT UT UT	86E-03 86E-03 86E-03	03/10/98 03/10/98 03/10/98	98U1-350P005 98U1-161P010 98U1-109P018	P P P	Y Y Y	N N N
MS-30-MS-1002-09LUO OUTSIDE UPSTREAM LONG WELD C5.52 ISI-PRI-1262 30.00 CC 109P019/161P011 EXAMINED 2 1/2T OF LONG W	0.908 VELD ONLY.	MT UT UT	86E-03 86E-03 86E-03	03/10/98 03/10/98 03/10/98	98U1-350P004 98U1-161P011 98U1-109P019	P P P	Y Y Y	N N N
MS-31-MS-1002-02LD DOWNSTREAM LONG WELD C5.52 ISI-PRI-1262 31.00 109P014/161P006 EXAMINED 2 1/2T OF LONG W	1.500 VELD ONLY.	MT UT UT	86E-03 86E-03 86E-03	03/09/98 03/12/98 03/09/98	98U1-350P003 98U1-161P006 98U1-109P014	P P P	Y Y Y	N N N
MS-31-MS-1002-02LUI INSIDE UPSTREAM LONG WELD C5.52 ISI-PRI-1262 31.00 109P015/161P007 EXAMINED 2 1/2T OF LONG W	1.500 VELD ONLY.	MT UT UT	86E-03 86E-03 86E-03	03/09/98 03/12/98 03/09/98	98U1-350P002 98U1-161P007 98U1-109P015	Р Р Р	Y Y Y	N N N
MS-31-MS-1002-02LUO OUTSIDE UPSTREAM LONG WELD C5.52 ISI-PRI-1262 31.00 109P016/161P008 EXAMINED 2 1/2T OF LONG W	1.500 VELD ONLY.	MT UT UT	86E-03 86E-03 86E-03	03/09/98 03/12/98 03/09/98	98U1-350P001 98U1-161P008 98U1-109P016	P P P	Y Y Y	N N N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

COMPONE COMPONE ITEM RELIEF	NT IDENTIFICATION NT DESCRIPTION ISOMETRIC MATERIAL A & B	DIA.	THICKNESS	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
PSR-010-3 RIGID SUP F1.30B INSPECTE	PORT ISI-PRI-1336 D UP TO INSULATION.	10.00	0.000	VT-3	86E-03	03/04/98	98U1-754P013	Р	Y	N
PZR-SPRA' SAFE-END B5.40 RT IN LIEU	YNOZ-SE TO NOZZLE ISI-PRI-1104 J OF UT DUE TO CONFIGUR/	6.00 ATION.	0.530 DATASHEET R	PT RT T2WE001 TI	86E-03 86E-03 HREE ELONGA	04/08/98 03/07/98 FED INDICATI	98U1-451P032 98U1-RT2WE001 ONS RECORDED15	P P "/.14"/.13".	Y Y	N R
R-147 RIGID SUP F1.20A GAP DIST/ WALL SID	PORT ISI-PRI-1224 ANCE ON WALL SIDE SHOWS E AND 4.0" ON OPPOSITE SIE	10.00 54.2" A DE.	0.000 ND GAP DISTA!	VT-3 NCE ON OP	86E-03 POSITE SIDE IS	04/02/98 3.9". THE DR/	98U1-754P036 AWING SHOWS A GAP	P DISTANCE OF	Y 4.5° ON	R
R-69 RIGID SUP F1.10A	PORT ISI-PRI-1133	3.00	0.000	VT-3	86E-03	06/08/98	98U1-754P066	Р	Y	N
R-69A RIGID SUP F1.10B	PORT ISI-PRI-1138	3.00	0.000	VT-3	86E-03	06/08/98	98U1-754P067	Р	Y	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

COMPONENT IDENTIFICATION COMPONENT DESCRIPTION ITEM ISOMETRIC DIA. THICKNESS RELIEF MATERIAL A & B	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
R104B F1.30B ISI-PRI-1356 8.00 PRESERVICE EXAMINATION PER RRM 97-0074 (W.O. 9710452	VT-3	P28-03	06/17/98	98U1-754P079	Р	N	N
R204 RIGID SUPPORT F1.30B ISI-PRI-1359 8.00 PRESERVICE EXAMINATION PER RRM 97-0074 (W.O. 9710452	VT-3	P28-03	03/28/98	98U1-754P035	Р	N	N
R204D F1.30B ISI-PRI-1330 8.00 PRESERVICE EXAMINATION PER RRM 97-0074 (W.O. 9710452	VT-3	P28-03	03/28/98	98U1-754P077	Р	N	N
R205 RIGID SUPPORT F1.30B ISI-PRI-1359 8.00 PRESERVICE EXAMINATION PER RRM 97-0074 (W.O. 9710452	VT-3 .	P28-03	03/20/98	98U1-754F017	Р	N	N
R206 RIGID SUPPORT F1.30B ISI-PRI-1359 8.00 PRESERVICE EXAMINATION PER RRM 97-0074 (W.O. 9710452	VT-3	P28-03	03/20/98	98U1-754P016	Р	N	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

COMPONENT IDENTIFICATION COMPONENT DESCRIPTION ITEM ISOMETRIC DIA. THICKNESS RELIEF MATERIAL A & B	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
R208 RIGID SUPPORT F1.30B ISI-PRI-1359 8.00 PRESERVICE EXAMINATION PER RRM 97-0074 (W.O. 9710452)	VT-3	P28-03	03/20/98	98U1-754P018	Р	N	N
R210 RIGID SUPPORT F1.30B ISI-PRI-1360 8.00 PRESERVICE EXAMINATION PER RRM 97-0074 (W.O. 9710452)	VT-3	P28-03	03/20/98	98U1-754P019	Р	N	N
R351 F1.20B ISI-PRI-1222 8.00 PRESERVICE EXAMINATION PER RRM 98-0002 (W.O. 9800774)	VT-3	P29-03	04/30/98	98U1-754P054	Р	N	N
R354 F1.20B ISI-PRI-1223 8.00 PRESERVICE EXAMINATION PER RRM 98-0002 (W.O. 9800774)	VT-3	P29-03	04/30/98	98U1-754P053	Р	N	N
RC-02-BP-1004-14 ELBOW TO PIPE B9.40 ISI-PRI-1137 2.00 0.344	PT	86E-03	02/27/98	98U1-451P014	Р	Y	N
RC-03-BP-1002-13 PIPE TO BRANCH CONN B9.21 ISI-PRI-1137 3.00 0.438	PT	86E-03	02/27/98	P8U1-451P015	Р	Y	R

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

COMPONE COMPONE ITEM RELIEF	NT IDENTIFICATION NT DESCRIPTION ISOMETRIC MATERIAL A & B	DIA.	THICKNESS	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
RC-03-PS-10 PIPE TO EL B9.21	001-12 BOW ISI-PRI-1133	3.00	0.438	PT	86E-03	02/21/98	98U1-451P008	Р	Y	N
RC-03-PS-10 ELBOW TO B9.21	001-13 0 PIPE ISI-PRI-1133	3.00	0.438	PT	86E-03	02/21/98	98U1-451P009	Р	Y	N
RC-04-PR-1 FLANGE B B7.50 EXAMINEI	002-09-FB OLTING ISI-PRI-1131 D EIGHT INLET FLANGE STU	0.00 DS.	0.000	VT-1	86E-03	05/18/98	98U1-750P017	Р	Y	N
RC-04-SI-10 SI SAFE-EN B5.10 RR-1-02 FULL VOL	001-33 ND TO NOZZLE (AZ. 288.5) ISI-PRI-1127 UME UT PERFORMED IN LIE	4.00 U OF P	0.438 T.	MEC UT MEC UT	86E-03 86E-03	03/11/98 03/11/98	001310 001310	p p	Y Y	N N
RC-04-SI-10 SI SAFE-EN B5-10 RR-1-02 GEOMETRI FULL VOL	002-19 ND TO NOZZLE (AZ. 108.5) ISI-PRI-1129 IC REFLECTORS FROM THE (UME UT PERFORMED IN LIE	4.00 DUTSID U OF P	0.438 DE SURFACE. T.	MEC UT MEC UT	86E-03 86E-03	03/13/98 03/13/98	001320 001320	Р Р	Y Y	G G

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

COMPONENT IDENTIFICATION COMPONENT DESCRIPTION ITEM ISOMETRIC RELIEF MATERIAL A & B	DIA.	THICKNESS	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
RC-05 SPRING HANGER F1.10C ISI-PRI-1134 MINOR CORROSION NOTED ON SPRI	3.00 NGS, PAI	0.000 NT FLAKING OI	VT-3 FF SPRINGS	86E-03 5, DEBRIS INS	04/16/98 SIDE CAN.	98U1-754P041	Р	Y	I
RC-10-AC-1001-07 PIPE TO ELBOW B9.11 ISI-PRI-1122 109P010 USED FOR WELD PROFILES 109P024 USED FOR LAMINATION SC	10.00 ONLY. AN ONLY	1.000	PT UT UT UT	86E-03 86E-03 86E-03 86E-03	02/26/98 04/22/98 02/28/98 02/26/98	98U1-451P010 98U1-109P010 98U1-109P024 98U1-161P002	P P P P	Y Y Y Y	N N N N
RC-10-AC-1001-09 ELBOW TO PIPE B9.11 ISI-PRI-1122 109P008 USED FOR WELD PROFILES 109P025 USED FOR LAMINATION SC/	10.00 ONLY. AN ONLY.	1.000	PT UT UT UT	86E-03 86E-03 86E-03 86E-03	02/27/98 02/28/98 04/22/98 02/28/98	98U1-451P016 98U1-109P025 98U1-109P008 98U1-161P003	P P P P	Y Y Y Y	N N N N
RC-32-MRCL-AIII-03 ELBOW TO INLET NOZZLE AT 328.5 B5.130 ISI-PRI-1120 FOUR INDICATIONS WERE RECORDE	DEG. 32.00 ED, SIZED	3.000 AND FOUND T	MEC UT MEC UT TO BE ALLO	86E-03 X12-03 WABLE IN A	03/14/98 03/15/98 CCORDANCE	001290 001290 WITH IWB-3514.	P P	Y N	R R
RC-32-MRCL-BIII-03 ELBOW TO INLET NOZZLE AT 148.5 B5.130 ISI-PRI-1121	DEG. 32.00	3.000	MEC UT	86E-03	03/13/98	001300	Р	Y	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

COMPONENT IDENTIFICATION COMPONENT DESCRIPTION ITEM ISOMETRIC RELIEF MATERIAL A & B	DIA.	THICKNESS	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
RC-34-MRCL-AI-01 OUTLET NOZZLE TO PIPE AT 28.5 B5.130 ISI-PRI-1120 RR-1-17 CS FOUR INDICATIONS WERE RECOF FULL VOLUME UT PERFORMED I	DEG. 34.00 RDED, SIZEI N LIEU OF F	3.000 O AND FOUND 1 PT.	MEC UT MEC UT MEC UT TO BE ALLC	86E-03 86E-03 X11-03 WABLE IN A	03/13/98 03/13/98 03/13/98 ACCORDANCE	001270 001270 001270 WITH IWB-3512.	P P P	Y Y N	N R R
RC-34-MRCL-BI-01 OUTLET NOZZLE TO PIPE AT 208. B5.130 ISI-PRI-1121 RR-1-17 CS FULL VOLUME UT PERFORMED 1	5 DEG. 34.00 N LIEU OF F	3.000 T.	MEC UT MEC UT	86E-03 86E-03	03/13/98 03/13/98	001280 001280	P P	Y Y	N N
RC-36-MRCL-BII-01 B S/G OUTLET NOZZLE TO ELBOW B5.130 ISI-PRI-1121 451P026 ONE ROUND INDICATION 109P034 EXAMINATION PERFORM 167P002 EXAMINATION PERFORM COVERAGE OBTAINED = 13.8%	36.00 1.2". IED ON THE IED FROM T	3.000 NOZZLE AND I HE WELD CROW	PT UT UT ELBOW SID VN AND EL	86E-03 86E-03 86E-03 E ONLY. BOW SIDE O	03/20/98 03/23/98 03/23/98 NLY.	98U1-451P026 98U1-109P034 98U1-167P002	P P P	Y Y N	R N G
RC-36-MRCL-BII-02 ELBOW TO PIPE B9.11 ISI-PRI-1121 451P025 THREE ROUND INDICATION 161P021 EXAMINATION PERFORM 161P021/167P001 GEOMETRIC REF COVERAGE OBTAINED = 79.4%.	36.00 ONS 1/16" E/ ED FROM T LECTORS FF	3.000 ACH. HE PIPE SIDE O ROM THE WELD	PT UT UT UT NLY. 167P0 ROOT.	86E-03 86E-03 86E-03 86E-03 01 EXAMINA	03/20/98 03/23/98 03/23/98 03/23/98 TION PERFOR	98U1-451P025 98U1-109P033 98U1-161P021 98U1-167P001 MED FROM THE ELE	P P P P SOW SIDE ONLY.	Y Y N N	R N G G

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

COMPONENT COMPONENT ITEM I RELIEF	F IDENTIFICATION F DESCRIPTION ISOMETRIC MATERIAL A & B	DIA.	THICKNESS	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
RCP-A-BLT-0 PUMP BOLTI B6.180	3 NG ISI-PRI-1110	3.50	30.562	UT UT	86E-03 86E-03	04/18/98 04/18/98	98U1-169P001 98U1-169P009	P P	Y Y	N N
RCP-A-BLT-0 NUTS BUSH B6.200 J EXAMINED I	3-NUT INGS AND WASHERS ISI-PLI-1110 IN PLACE, UNDER TENSION	3.50 N.	30.562	VT-I	86E-03	04/18/98	98U1-750P006	Р	Y	N
RCP-A-BLT-0 PUMP BOLTI B6.180	6 NG ISI-PRI-1110	3.50	30.562	UT UT	86E-03 86E-03	04/18/98 04/18/98	98U1-169P002 98U1-169P010	Р Р	Y Y	N N
RCP-A-BLT-0 NUTS BUSH B6.200 I EXAMINED I	6-NUT INGS AND WASHERS ISI-PRI-1110 N PLACE, UNDER TENSION	3.50 N.	30.562	VT-1	86E-03	04/18/98	98U1-750P007	Р	Y	N
RCP-A-BLT-0 PUMP BOLTI B6.180 I	9 NG SI-PRI-1110	3.50	30.562	UT UT	86E-03 86E-03	04/18/98 04/18/98	98U1-169P003 98U1-169P011	P P	Y Y	N N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

COMPONENT IDENTIFICATION COMPONENT DESCRIPTION ITEM ISOMETRIC RELIEF MATERIAL A & B	DIA.	THICKNESS	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
RCP-A-BLT-09-NUT NUTS BUSHINGS AND WASHERS B6.200 ISI-PRI-1110 EXAMINED IN PLACE, UNDER TENSIO	3.50 N.	30.562	VT-1	86E-03	04/18/98	98U1-750P008	Р	Y	N
RCP-A-BLT-12 PUMP BOLTING B6.180 ISI-PR1-1110	3.50	30.562	UT UT	86E-03 86E-03	04/18/98 04/18/98	98U1-169P004 98U1-169P012	P P	Y Y	N N
RCP-A-BLT-12-NUT NUTS BUSHINGS AND WASHERS B6.200 ISI-PRI-1110 EXAMINED IN PLACE, UNDER TENSIO	3.50 N.	30.562	VT-1	86E-03	04/18/98	98U1-750P009	Р	Y "	N
RCP-A-BLT-15 PUMP BOLTING B6.180 ISI-PRI-1110	3.50	30.562	UT UT	86E-03 86E-03	04/18/98 04/18/98	98U1-169P005 98U1-169P013	P P	Y Y	N N
RCP-A-BLT-15-NUT NUTS BUSHINGS AND WASHERS B6.200 ISI-PRI-1110 EXAMINED IN PLACE, UNDER TENSION	3.50 N.	30.562	VT-1	86E-03	04/18/98	98U1-750P010	Р	Y	N

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Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

COMPONENT IDENTIFICATION COMPONENT DESCRIPTION ITEM ISOMETRIC RELIEF MATERIAL A & B	DIA.	THICKNESS	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
RCP-A-BLT-18 PUMP BOLTING B6.180 ISI-PRI-1110	3.50	30.562	UT UT	86E-03 86E-03	04/18/98 04/18/98	98U1-169P006 98U1-169P014	P P	Y Y Y	N N
RCP-A-BLT-18-NUT NUTS BUSHINGS AND WASHERS B6.200 ISI-PRI-1110 EXAMINED IN PLACE, UNDER TENSION	3.50 N.	30.562	VT-1	86E-03	04/18/98	98U1-750P011	Р	Y	N
RCP-A-BLT-21 PUMP BOLTING B6.180 ISI-PRI-1110	3.50	30.562	UT UT	86E-03 86E-03	04/18/98 04/18/98	98U1-169P007 98U1-169P015	P P	Y Y	N N
RCP-A-BLT-21-NUT NUTS BUSHINGS AND WASHERS B6.200 ISI-PRI-1110 EXAMINED IN PLACE, UNDER TENSION	3.50 1.	30.562	VT-1	86E-03	04/18/98	98U1-750P012	р	Y	N
RCP-A-BLT-24 PUMP BOLTING B6.180 ISI-PRI-1110	3.50	30.562	UT UT	86E-03 86E-03	04/18/98 04/18/98	98U1-169P008 98U1-169P016	р р	Y Y	N N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

COMPONENT IDENTIFICATION COMPONENT DESCRIPTION ITEM ISOMETRIC RELIEF MATERIAL A & B	DIA.	THICKNESS	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
RCP-A-BLT-24-NUT NUTS BUSHINGS AND WASHERS B6.200 ISI-PRI-1110 EXAMINED IN PLACE, UNDER TENSIO	3.50 N.	30.562	VT-1	86E-03	04/18/98	98U1-750P013	Р	Y	N
RCP-A-FLYWHEEL PUMP FLYWHEEL FLYWHL ISI-PRI-1404 11P001 TOP PLATE SECTION 100% COV	0.00 ERAGE	0.000 OBTAINED. LO	UT VT-1 WER PLAT	B02-03 B02-03 E SECTION 84%	04/20/98 04/20/98 6 COVERAGE	98U1-11P001 98U1-750P014 OBTAINED.	р Р	N N	N N
RCP-A-FLYWHEEL-BORE PUMP FLYWHEEL BORE ISI-PRI-1404	0.00	0.000	PT VT-1	B02-03 B02-03	04/20/98 04/20/98	98U1-450F002 98U1-750P016	P P	N N	N N
RCP-A-FLYWHEEL-KEYWAY PUMP FLYWHEEL KEYWAY ISI-PRI-1404 450P001/750P015 TWO LINEAR INDICAT 450P003 EXAMINED AREAS OF INDICAT INDICATIONS.	0.00 TONS .: TIONS I	0.000 5"/10". RECORDED ON	VT-1 PT PT 450P001/750	B02-03 B02-03 X16-03 DP015 AFTER SU	04/20/98 04/20/98 04/23/98 JRFACE CONI	98U1-750P015 98U1-450P001 98U1-450P003 DITIONING AND FOUN	P P P ND NO RECORD	N N N ABLE	R R N
RCP-A-LEG-3 COMPONENT SUPPORT F1.40 ISI-PRI-1108 INSPECTED UP TO INSULATION.	0.00	0.000	VT-3	86E-03	02/27/98	98U1-754P005	Р	Y	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

COMPONENT IDENTIFICATION COMPONENT DESCRIPTION ITEM ISOMETRIC RELIEF MATERIAL A & B	DIA.	THICKNESS	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
RCP-A-SLBLT-01 THRU 18 RCP #1 SEAL BOLTING B7.60 ISI-PRI-1110 BOLTS NOT 100% EXAMINED WHERE	0.00 BOLT E	0.000 NDS CONTACT	MT VT-1 MT ED HEAD A	B04-03 B04-03 B04-03 ND TAIL ST	04/08/98 04/09/98 04/08/98 OCK.	98U1-352P002 98U1-750P002 98U1-351P004	P P P	N N N N	N N N
RH-700-BLT VALVE BOLTING 10-IN GATE B7.70 ISI-PRI-1122 352P004 BOLTS NOT 100% EXAMINED	^{;0.00} IN ARE	0.000 AS OF THE HEA	MT MT VT-1 D AND TAJ	B04-03 B04-03 86E-C3 L STOCK.	04/14/98 04/14/98 04/14/98	98U1-351P006 98U1-352P004 98U1-750P004	P P P	N N Y	N N N N
RH-700-INT(11663) 10-IN DARLING GATE VALVE(INTERN B12.50 ISI-PRI-1122	ALS) 10.00	0.000	VT-3	86E-03	04/20/98	98U1-754P048	Р	Y	N
RH-701-BLT VALVE BOLTING 10-IN GATE B7.70 ISI-PRI-1122 C 352P005 BOLTS NOT 100% EXAMINED	0.00 IN CON	0.000 TACT AREAS O	MT MT VT-1 F THE HEA	B04-03 B04-03 86E-03 D AND TAII	04/14/98 04/14/98 04/14/98 L STOCK.	98U1-351P007 98U1-352P005 98U1-750P005	р р Р	N N Y	N N N
RH-701-INT(88904-1) 10-IN VELAN GATE VALVE (INTERNA B12.50 ISI-PRI-1122	LS) 10.00	0.000	VT-3	86E-03	04/13/98	98U1-754P043	Р	Y	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

COMPONENT IDENTIFICATION COMPONENT DESCRIPTION ITEM ISOMETRIC RELIEF MATERIAL A & B	DIA.	THICKNESS	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
RH-701-WLD(88904-1) 10-iN VELAN GATE VALVE (BODY V B12.40 ISI-PRI-1122 161P019 SINGLE-SIDED EXAM DUE 1	VELDS) 10.00 TO VALVE	0.000 E/EXTENSION PI	UT UT ECE CONFI	86E-03 86E-03 GURATION	04/18/98 04/18/98 . CODE-REQUI	98U1-161P019 98U1-109P012 RED COVERAGE OB	P P TAINED FROM E	Y Y XTENSION SID	N N E.
RH-720-BLT VALVE BOLTING 10-IN GATE B7.70 ISI-PRI-1124 352P001 ONE BOLT LINEAR INDICAT RRM 98-0042 (W.O. 9700847). BOLTS NOT 100% EXAMINED IN CO 351P008/352P006 EXAMINATION PER	0.00 FION INTE NTACT AI FORMED	0.000 RMITTENT 100 REAS OF THE HI PER RRM 98-004	MT VT-1 MT MT % OF THE 1 EAD AND T 42 (W.O. 97)	B04-03 86E-03 P31-03 P31-03 E04-03 ENGTH OF AIL STOCK. 00847).	04/04/98 04/04/98 04/08/93 04/08/98 04/04/98 BOLT. INDICAT	98U1-352P001 98U1-750P003 98U1-351P008 98U1-352P006 98U1-351P003 TION WAS ALLOWAR	P P P P BLE, BUT BOLT V	N Y N N WAS REPLACE	R N N N D PER
RHE-N1 INLET NOZZLE TO SHELL B3.150 ISI-PRI-1107 RR-1-12 GEOMETRIC REFLECTOR FROM THI LIMITED PARALLEL EXAM DUE TO COVERAGE OBTAINED = 93%.	0.00 E INSIDE (CLAMP C	0.000 CORNER REGIO IN SHELL SIDE.	UT N.	86E-03	03/25/98	003600	Р	Y	G
RHE-N1-IRS RHE NOZZLE INNER RADIUS SECTIO B3.160 ISI-PRI-1107 RR-1-12 EXAMINATION LIMITED TO 45-145 A COVERAGE OBTAINED = 50%.	ON 0.00 AND 225-3	15 AZIMUTH AF	UT REAS DUE 1	86E-03 TO NOZZLE	03/25/98 CONFIGURATIO	003700 DN.	Р	N	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

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RHE-N4 SHELL TO OUTLET NOZZLE B3.150 ISI-PRI-1107 RR-1-12 GEOMETRIC REFLECTOR FROM THE I LIMITED PARALLEL EXAMINATION D COVERAGE OBTAINED = 93%.	0.00 NSIDE C UE TO I	0.000 CORNER REGIO PERMANENT CI	UT N. LAMP ON S	86E-03 HELL SIDE	03/25/98	003710	Р	Y	G
RHE-N4-IRS RHE NOZZLE INNER RADIUS SECTION B3.160 ISI-PRI-1107 RR-1-12 EXAMINATION LIMITED TO 45-135 AN COVERAGE OBTAINED = 50%.	0.00 D 225-3	15 AZIMUTH DI	UT UE TO NOZ	86E-03 ZLE CONFI	03/25/98 GURATION.	003710	р	N	N
RPV-14-683-A SHELL TO FLANGE (AZ. 0-180) B1.30 ISI-PRI-1101 RR-1-18 EXAMINATION FROM THE SEAL SURF ALLOWABLE IN ACCORDANCE WITH COVERAGE OBTAINED = 60% INCLUE	132.00 ACE PE IWB-351 DING SE	6.500 RF´ PMED DUF G. LAM LIMIT AL SURFACE E	MEC UT MEC UT NING THE 1 ED DUE TO XAM.	86E-03 X05-03 993 ISI. TW) INSIDE SU	03/11/98 03/14/98 O INDICATIONS JRFACE TAPER.	001060 001060 WERE RECORDED,	P P SIZED AND FOU	Y N ND TO BE	R R
RPV-14-683-B SHELL TO FLANGE (AZ. 180-360) B1.30 ISI-PRI-1101 RR-1-18 EXAMINATION PERFORMED FROM SE COVERAGE OBTAINED = 60% INCLUE	132.00 AL SUR DING TH	6.500 FACE DURING E SEAL SURFA	MEC UT 1993 ISI. E CE EXAMIN	86E-03 XAM LIMIT NATION.	03/11/98 TED DUE TO INSI	001070 IDE SURFACE TAPE	P R.	Y	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

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RPV-15-683 UPPER SHELL TO MIDDLE SHELL B1.11 ISI-PRI-1101 RR-1-18 GEOMETRIC REFLECTORS FROM VE	132.00 SSEL SUP	6.500 PORT LUGS AT	MEC UT 90 & 270 D	86E-03 9EG.	03/10/98	001000	Р	Y	G
RPV-16-683 MIDDLE SHELL TO LOWER SHELL B1.11 ISJ-PRI-1101 RR-1-18 THREE INDICATIONS RECORDED, SE	132.00 ZED AND	6.500 FOUND TO BE	MEC UT MEC UT ALLOWAB	86E-03 X03-03 LE IN ACCORD	03/10/98 03/14/98 ANCE WITH IV	001010 001010 WB-3510.	P P	Y N	R R
RPV-17-683 LOWER SHELL TO LOWER HEAD RIN B1.21 ISI-PRI-1101 RR-1-18 FOUR INDICATIONS WERE RECORDE EXAM LIMITED DUE TO PROXIMITY COVERAGE OBTAINED = 77%.	IG 132.00 ED, SIZEE OF CORE	6.500 AND FOUND T SUPPORT LUG	MEC UT MEC UT TO BE ALLO S.	86E-03 X04-03 OWABLE IN ACC	03/11/98 03/15/98 CORDANCE W	001020 001020 ITH IWB-3510.	P P	N N	R R
RPV-18-683 LOWER HEAD RING TO LOWER HEAD B1.21 ISI-PRI-1101 RR-1-18	D 132.00	4.125	MEC UT	86E-03	03/13/98	001030	р	Y	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

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RPV-2-686-A OUTLET NOZZLE AT 28.5 DEG. B3.90 ISI-PRI-1101 RR-1-18 FOUR INDICATIONS WERE RECORDE SIX ADDITIONAL INDICATIONS WER THRU-WALL DIMENSION OR LENGTI TRANSVERSE AND LAMINATION EX.	34.00 ED, SIZEI E RECOF H. AMINAT	0.000 D AND FOUND ⁻ RDED AND FOU IONS LIMITED I	MEC UT MEC UT MEC UT TO BE ALLO ND TO HAV	86E-03 86E-03 X07-03 OWABLE IN AC /E NO MEASUR E INTEGRAL E	03/13/98 03/13/98 03/16/98 CORDANCE W ABLE XTENSION. CO	001080 001080 001080 /ITH IWB-3512. OVERAGE OBTAINED	$ \begin{array}{c} \mathbf{p} \\ \mathbf{p} \\ \mathbf{p} \end{array} $ $ \mathbf{p} = 67\%. $	N N N	N R R
RPV-2-686-A-IRS OUTLET NOZZLE AT 28.5 DEG. B3.100 ISI-PRI-1101	34.00	0.000	MEC UT	86E-03	03/12/98	001155	Р	Y	N
RPV-2-686-B INLET NOZZLE AT 148.5 DEG. B3.90 ISI-PRI-1101 RR-1-18	34.00		MEC UT MEC UT	86E-03 86E-03	03/13/98 03/13/98	001100 001100	P P	Y Y	N N
RPV-2-686-B-IRS INLET NOZZLE AT 148.5 DEG. B3.100 ISI-PRI-1101	32.00	0.000	MEC UT	86E-03	03/12/98	001160	Р	Y	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

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RPV-2-686-C OUTLET NOZZLE AT 208.5 DEG. B3.90 ISI-PRI-1101 RR-1-18 THREE INDICATIONS WERE RECOR THREE ADDITIONAL INDICATIONS THRU-WALL DIMENSION OR LENG TRANSVERSE AND LAMINATION E COVERAGE OBTAINED = 67%.	34.00 DED SIZEI WERF REG TH. XAMINATI	0.000 D, AND FOUND CORDED AND I ONS LIMITED	MEC UT MEC UT MEC UT TO BE ALL FOUND TO I	86E-03 86E-03 X06-03 OWABLE I HAVE NO M E INTEGRA	03/09/98 03/09/98 03/15/98 N ACCORDANCH IEASURABLE L EXTENSION.	001090 001090 001090 E WITH IWB-3512.	P P P	N N N N	N R R
RPV-2-686-C-IRS OUTLET NOZZLE AT 208.5 DEG. B3.100 ISI-PRI-1101	34.00	0.000	MEC UT	86E-03	03/12/98	001165	Р	Y	N
RPV-2-686-D INLET NOZZLE AT 328.5 DEG. B3.90 ISI-PRI-1101 RR-1-18 THREE INDICATIONS RECORDED, S TWO ADDITIONAL INDICATIONS W	34.00 SIZED AND ERE RECO	0.000 DETERMINED RDED AND FO	MEC UT MEC UT MEC UT TO BE ALL	86E-03 86E-03 X08-03 OWABLE IN	03/12/98 03/12/98 03/15/98 N ACCORDANCE ASUREABLE TH	001110 001110 001110 001110 E WITH IWB-3512. RU-WALL DIMENSIO	P P P DN OR LENGTH.	Y Y N	N R R
RPV-2-686-D-IRS INLET NOZZLE AT 328.5 DEG. B3.100 ISI-PRI-1101	32.00	0.000	MEC UT	86E-03	03/12/98	001170	Р	Y	N

Point Beach Nuclear Plant, Uait 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

COMPONE COMPONE ITEM RELIEF	NT IDENTIFICATION NT DESCRIPTION ISOMETRIC MATERIAL A & B	DIA.	THICKNESS	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
RPV-687-01 SI NOZZLE B3.90 RR-1-18 ONE INDIC TRANSVER COVERAGI	-A AT 288.5 DEG. ISI-PRI-1101 CATION WAS RECORDED, SI SE AND LAMINATION EXA E OBTAINED = 59%.	4.00 ZED AN MINATI	0.000 ID DETERMINE IONS LIMITED I	MEC UT MEC UT MEC UT D TO HAVE DUE TO TH	86E-03 86E-03 X09-03 NO MEASURA E INTEGRAL E2	03/13/98 03/13/98 03/13/98 BLE THRU-WA CTENSION.	001120 001120 001120 ALL DIMENSION OR 1	P P P ENGTH.	N N N	N R R
RPV-687-01 SI NOZZLE B3.100	-A-IRS AT 288.5 DEG. ISI-PRI-1101	4.00	0.000	MEC UT	86E-03	03/11/98	001180	Р	Y	N
RPV-687-01 SI NOZZLE B3.90 RR-1-18 ONE INDIC TRANSVER COVERAGI	-B AT 108.5 DEG. ISI-PRI-1101 CATION RECORDED, SIZED RSE AND LAMINATION EXA E OBTAINED = 59%.	4.00 AND DE MINATI	TERMINED TO ONS LIMITED E	MEC UT MEC UT MEC UT HAVE NO N DUE TO THI	86E-03 86E-03 X10-03 MEASURABLE 1 E INTEGRAL EX	03/13/98 03/13/98 03/13/98 THRU-WALL D CTENSION.	001130 001130 001130 IMENSION.	P P P	N N N	N R R
RPV-687-01 SI NOZZLE B3.100	-B-JRS АГ 108.5 DEG. ISI-PRI-1101	4.00	0.000	MEC UT	86E-03	03/11/98	001190	Р	Y	N
RPV-CORE CORE SUPI B13.70	SUPPORT PORT STRUCTURE ISI-PRI-1101	0.00	0.000	VT-3	86E-03	03/11/98	100700	Р	Y	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

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RPV-FLIG-33 FLANGE LIGAMENT B6.40 ISI-PRI-1103	0.00	0.000	UT	86E-03	02/24/98	98U1-165P001	Р	Y	N
RPV-FLIG-34 FLANGE LIGAMENT B6.40 ISI-PRI-1103	0.00	0.000	UT	86E-03	02/24/98	98U1-165P002	Р	Y	N
RPV-FLIG-35 FLANGE LIGAMENT B6.40 ISI-PRI-1103	0.00	0.000	UT	86E-03	02/24/98	98U1-165P003	Р	Y	N
RPV-FLIG-36 FLANGE LIGAMENT B6.40 ISI-PRI-1103	0.00	0.000	UT	86E-03	02/24/98	98U1-165P004	Р	Y	N
RPV-FLIG-37 FLANGE LIGAMENT B6.40 ISI-PRI-1103	0.00	0.000	UT	86E-03	02/24/98	98U1-165P005	Р	Y	N
RPV-FLIG-38 FLANGE LIGAMENT B6.40 ISI-PRI-1103	0.00	0.000	UT	86E-03	02/24/98	98U1-165P006	Р	Y	N

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Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

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RPV-FLIG-39 FLANGE LIGAMENT B6.40 ISI-PRI-1103	0.00	0.000	UT	86E-03	02/24/98	98U1-165P007	Р	Y	N
RPV-FLIG-40 FLANGE LIGAMENT B6.40 ISI-PRI-1103	0.00	0.000	UT	86E-03	02/24/98	98U1-165P008	Р	Y	N
RPV-FLIG-41 FLANGE LIGAMENT B6.40 ISI-PRI-1103	0.00	0.000	UT	86E-03	02/24/98	98U1-165P009	Р	Y	N
RPV-FLIG-42 FLANGE LIGAMENT B6.40 ISI-PRI-1103	0.00	0.000	UT	86E-03	02/24/98	98U1-165P010	Р	Y	N
RPV-FLIG-43 FLANGE LIGAMENT B6.40 ISI-PRI-1103	0.00	0.000	UT	86E-03	02/24/98	98U1-165P011	Р	Y	N
RPV-FLIG-44 FLANGE LIGAMENT B6.40 ISI-PRI-1103	0.00	0.000	UT	86E-03	02/24/98	98U1-165P012	Р	Y	N

Point Beach Nuclear Plant, Unit 1 5610 Nuclear Road Two Rivers, Wisconsin 54241

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RPV-FLIG- FLANGE L B6.40	45 IGAMENT ISI-PRI-1103	0.00	0.000	UT	86E-03	02/24/98	98U1-165P013	Р	Y	N
RPV-FLIG- FLANGE L B6.40	46 IGAMENT ISI-PRI-1103	0.00	0.000	UT	86E-03	02/24/98	98U1-165P014	Р	Y	N
RPV-FLIG- FLANGE L B6.40	47 JGAMENT ISI-PRI-1103	0.00	0.000	UT	86E-03	02/24/98	98U1-165P015	Р	Y	N
RPV-FLIG- FLANGE L B6.40	48 IGAMENT ISI-PRI-1103	0.00	0.000	UT	86E-03	02/24/98	98U1-165P016	Р	Y	N
RPV-HFLA HEAD TO B1.40 RE-EXAMI EXAMINA COVERAG	NGE-A FLANGE (AZ. 0-120) ISI-PRI-1102 INATION REQUIRED IN ACC TION LIMITED DUE TO CO E OBTAINED = 85.89%.	157.25 CORDAN NFIGURA	5.750 CE WITH CR 97 ATION AND LIF	UT -1876. TING LUGS	C03-03	05/29/98	98U1-12P001	Р	N	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

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RPV-HFLANGE-B HEAD TO FLANGE (AZ. 120-240) B1.40 ISI-PRI-1102 CC RE-EXAMINATION REQUIRED IN ACC EXAMINATION LIMITED DUE TO LIFT COVERAGE OBTAINED = 85.89%.	157.25 ORDANG TING LU	5.750 CE WITH CR 97- GS AND WELD 0	UT 1876. CONFIGUR	C03-03 ATION.	05/29/98	98U1-12P001	Р	N	N
RPV-ILR-01 LEG ASSY TO ADAPTER WELD RPVINT ISI-PRI-1402 ALL WELDS EXAMINED IN RESPONSE	0.00 TO NUT	0.000 TRK ITEM RERS	PT 93-0041.	B01-03	03/17/98	98U1-451P023	Р	N	N
RPV-ILR-02 LEG ASSY TO ADAPTER WELD RPVINT ISI-PRI-1402 ALL WELDS EXAMINED IN RESPONSE	0.00 TO NU1	0.000 FRK ITEM RERS	PT 93-0041.	B01-03	03/17/98	98U1-451P021	Р	N	N
RPV-ILR-05 LEG ASSY TO ADAPTER WELD RPVINT ISI-PRI-1402 ALL WELDS EXAMINED IN RESPONSE	0.00 TO NUT	0.000 TRK ITEM RERS	PT 93-0041.	B01-03	03/17/98	98U1-451P024	Р	N	N
RPV-ILR-06 LEG ASSY TO ADAPTER WELD RPVINT ISI-PRI-1402 ALL WELDS EXAMINED IN RESPONSE	0.00 TO NU1	0.000 TRK ITEM RERS	PT 93-0041.	B01-03	03/17/98	98U1-451P022	Р	N	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

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RPV-ILR-98 SLING LEG-ADAPTER WELD RPVINT ISI-PRI-1402 ALL WELDS EXAMINED IN RESPONSE .002" TO .005" AVERAGE PRIMER THIC	0.00 0.000 TO NUTRK ITEM RERS KNESS AREAS.	MT 93-0041.	B01-03	03/17/98	98U1-301P010	Р	N	N
RPV-ILR-09 SLING LEG-ADAPTER WELD RPVINT ISI-PRI-1402 ALL WELDS EXAMINED IN RESPONSE .002" TO .005" AVERAGE PRIMER THIC	0.00 0.000 TO NUTRK ITEM RERS KNESS ON AREAS.	MT 93-0041.	B01-03	03/17/98	98U1-301P011	Р	N	N
RPV-ILR-11 SLING LEG-ADAPTER WELD RPVINT ISI-PRI-1402 ALL WELDS EXAMINED IN RESPONSE .002" TO .005" AVERAGE PRIMER THIC	0.00 0.000 TO NUTRK ITEM RERS KNESS AREAS.	MT 93-0041.	B01-03	03/17/98	98U1-301P012	Р	N	N
RPV-ILR-12 SLING LEG-ADAPTER WELD RPVINT ISI-PRI-1402 ALL WELDS EXAMINED IN RESPONSE .002" TO .005" AVERAGE PRIMER THIC	0.00 0.000 TO NUTRK ITEM RERS KNESS ON AREAS.	MT 93-0041.	B01-03	03/17/98	98U1-301P013	Р	N	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

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RPV-ILR-13 SPREADER ASSY WELD RPVINT ISI-PRI-1402 ALL WELDS EXAMINED IN RESPONSE .002" TC .005" AVERAGE PRIMER THIC	0.00 TO NUT KNESS	0.000 FRK ITEM RERS ON AREAS.	MT 93-0041.	B01-03	03/17/98	98U1-301P014	Р	N	N
RPV-ILR-15 SPREADER ASSY WELD RPVINT ISI-PRI-1402 ALL WELDS EXAMINED IN RESPONSE .002" TO .005" AVERAGE PRIMER THIC	0.00 TO NUT KNESS	0.000 IRK JTFM RERS ON AREAS.	MT 93-0041.	B01-03	03/17/98	98U1-301P015	Р	N	N
RPV-ILR-17 SLING LUG-BLOCK WELD RPVINT ISI-PRI-1402 ALL WELDS EXAMINED IN RESPONSE .002" TO .005" AVERAGE PRIMER THIC INSIDE AREA OF THE SLING LUG 1.0"	0.00 TO NUT KNESS ON TOP	0.000 TRK ITEM RERS ON AREAS. AND BOTTOM	MT 93-0041. ONLY EXA	B01-03 MINED DUE T	03/17/98 O LUG CONFIG	98U1-301P016 GURATION.	Р	N	N
RPV-ILR-18 SLING LUG-BLOCK WELD RPVINT ISI-PRI-1402 ALL WELDS EXAMINED IN RESPONSE .002" TO .005 AVERAGE PRIMER THICI INSIDE AREA OF THE SLING LUG 1" O	0.09 TO NUT KNESS O N TOP A	0.000 TRK ITEM RERS NN AREAS. ND BOTTOM O	MT 93-0041. NLY EXAM	B01-03	03/17/98 LUG CONFIGU	98U1-301P017 JRATION.	Р	N	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

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RPV-ILR-20 TOP LUG-SLING BLOCK WELD RPVINT ISI-PRI-1402 (ALL WELDS EXAMINED IN RESPONSE TO .002" TO .005" AVERAGE PRIMER THICK!	0.00 O NUT NESS (0.000 TRK ITEM RERS ON AREAS.	MT 93-0041.	B01-03	03/17/98	98U1-301P018	Р	N	N
RPV-INTERIOR VESSEL INTERIOR SURFACES B13.10 ISI-PRI-1101 132 DEBRIS LOCATED ON RPV SEAL SURFAC REMOTELY OPERATED VEHICLE AND/O	2.00 CE, CC R HYI	0.000 DRE BARREL SU DROVACUUM.	VT-3	86E-03 DGE, AND LOW	03/18/98 ER HEAD REC	001500 GION. ALL DEBRIS W	P ERE SUBSEQUEN	Y TLY REMO	I VED BY
RPV-MK-2 MIDDLE SHELL LONG SEAM AT 15 DEG. B1.12 ISI-PRI-1101 132 RR-1-18	2.00	6.500	MEC UT	86E-03	03/11/98	001040	Р	Y	N
RPV-MK-3 LOWER SHELL LONG SEAM AT 195 DEG. B1.12 ISI-PRI-1101 132 RR-1-18 LIMITED TRANSVERSE EXAMINATION D COVERAGE OBTAINED = 95%.	2.00 DUE TO	6.500 O THE RADIAL :	MEC UT SUPPORT I	86E-03 .UG.	03/11/98	001050	Р	Y	N
RPV-MK-7-1 CORE SUPPORT GUIDE AT 0 DEG. B13.60 ISI-PRI-1101 (0.00	0.000	VT-3	86E-03	03/09/98	001600	Р	Y	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

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RPV-MK-7-2 CORE SUPPORT GUIDE AT 90 DEG. B13.60 ISI-PRI-1101	0.00	0.000	VT-3	86E-03	03/09/98	001610	Р	Y	N
RPV-MK-7-3 CORE SUPPORT GUIDE AT 180 DEG. B13.60 ISI-PRI-1101	0.00	0.000	VT-3	86E-03	03/09/98	001620	Р	Y	N
RPV-MK-7-4 CORE SUPPORT GUIDE AT 270 DEG. B13.60 ISI-PRI-1101	0.00	0.000	VT-3	86E-0.^	03/09/98	001630	Р	Y	N
SG-A-MAIN SUPPORT-2 COMPONENT SUPPORT F1.40 ISI-PRI-1112 INSPECTED UP TO INSULATION.	0.00	0.000	VT-3	86E-03	02/27/98	98U1-754P006	Р	Y	N
SG-B-3 SHELL TO TRANS CONE CIRCUM WEL C1.10 ISI-PRI-1201 109P021 FOR WELD PROFILES ONLY. REFER TO DATASHEET NO. 88PBI-UT-	.D 0.00	0.000 AND 012 FOR I	UT UT UT UT	86E-03 86E-03 86E-03 86E-03 90 EXAMINATIO	05/02/98 05/02/98 05/04/98 05/02/98 ON.	98U1-106P010 98U1-106P011 98U1-109P021 98U1-163P001	P P P P	Y Y Y Y	N N N N
163P001 EXAMINED FROM 175" TO 310 LIFTING LUG LOCATED AT 296.0" TO TOTAL WELD LENGTH = 416". CODE-REQUIRED COVERAGE OBTAIN)" 304.0" V ED.	W= 6 1/2" FROM	CENTER L	INE ON SHELL	SIDE.				

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

COMPONENT IDENTIFICATION COMPONENT DESCRIPTION ITEM ISOMETRIC RELIEF MATERIAL A & B	DIA. THI	METHOD CKNESS	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
SG-B-3 SHELL TO TRANS CONE CIRCUM WEL C1.10 ISI-PRI-1201 163P002 EXAMINED 310° TO 30°. 163P003 EXAMINED 30° TO 130°. 163P004 EXAMINED 130° TO 175°. LIFTING LUG LOCATEL AT 88° TO 96° 164P003 ALL TECHNIQUES POINT TO I CODE-REQUIRED COVERAGE OBTAIN	D 0.00 0.00 , W = 6-1/2" NDICATIONS ED.	UT UT UT UT FROM CENTER LINE WHICH ARE LESS TH	86E-03 86E-03 86E-03 X13-03 ON SHELL SIE IAN 0.062" DE	05/04/98 05/06/98 05/07/98 05/05/98 DE. EP. TOTAL WE	98U1-163P002 98U1-163P003 98U1-163P004 98U1-164P003	P P P	Y Y Y N	R R R
SG-B-7 SHELL TO MS NOZZLE C2.20 ISI-PRI-1201 UT TO BE PERFORMED DURING OUTA	0.00 9.00 GE 08 (U1R2:	MT UT 0 5).	86E-03 86E-03	04/09/98	98U1-350P010	P N	Y	N
SI-01 VARIABLE SPRING F1.10C ISI-PRI-1124	10.00 0.00	VT-3	86E-03	04/16/98	98U1-754P040	Р	Y	N
SI-10 RIGID SUPPORT F1.10B ISI-PRI-1127 EXAMINED UP TO THE INSULATION.	6.00 0.00 GROUT CHIP	VT-3 0 PED/CRACKED.	86E-03	03/30/98	98U1-754P032	Р	Y	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

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SI-12 SPRING HANGER F1.20C ISI-PRI-1255	4.00	0.000	VT-3	86E-03	04/16/98	98U1-754P042	Р	Y	N
SI-26 RIGID SUPPORT F1 20A ISI-PRI-1253 BASE PLATE GAP UP TO 3/32".	4.00	0.000	VT-3	86E-03	03/30/98	98U1-754P034	Р	Y	R
SI-27 RIGID SUPPORT F1.20B ISI-PRI-1253 GAP AT SIDE OF PIPE WAS .25". LO DOCUMENTED DURING U1R18.	4.00 WER EDGI	0.000 E OF WALL BA	VT-3 SE PLATE N	86E-03	03/30/98 AND BEGINNI	98U1-754P033 NG TO CORRODE. TH	P E SAME CONDIT	Y TON WAS	R
SI-36 RIGID SUPPORT F1.20B ISI-PRI-1253 EXAMINATION PERFORMED TO DO	4.00 CUMENT I	0.000 REMOVAL PER	VT-3 RRM 98-000	D03-03 01 (W.O. 97014	05/02/98	98U1-754P051	Р	N	N
SI-47 RIGID SUPPORT F1.20B ISI-PRI-1254	4.00	0.000	VT-3	86E-03	02/23/98	98U1-754P003	Р	Y	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

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SI-72 RIGID SUPPORT F1.20B ISI-PRI-1256 ONE-HALF THREAD FROM BEING FL	2.00 USH WIT	0.000 TH OUTSIDE NU	VT-3 T.	86E-03	10/01/98	98U1-754P031	Р	Y	R
SI-80 RIGID SUPPORT F1.20B ISI-PRI-1257 CEILING HAS .2" GAP ON EAST, SOUT	2.00 TH AND	0.000 West side of I	VT-3 PLATE.	S17-03	03/27/98	98U1-754P028	Р	N	R
SI-867A-BLT VALVE BOLTING 10-IN CHECK B7.70 ISI-PRI-1125 352P003 BOLTS NOT 100% EXAMINED	2.00 IN ARE	0.000 A OF CONTACT	MT MT VT-1 WITH HEA	B04-03 B04-03 86E-03 D AND TAIL ST	04/07/98 04/07/98 04/06/98 FOCK CONTAC	98U1-351P005 98U1-352P003 98U1-750P001 CT AREAS.	P P P	N N Y	N N N
SIS-02-SI-1001-05 ELBOW TO PIPE C5.30 ISI-PRI-1250	2.00	0.344	PT	86E-03	02/21/98	98U1-451P007	Р	Y	N
SIS-02-SI-1001-12 ELBOW TO PIPE B9.40 ISI-PRI-1128	2.00	0.344	PT	86E-03	02/21/98	98U1-451P003	Р	Y	N

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

Docket No. 50-266 Commercial Service Date 12/21/70

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SIS-02-SI-1001-13 PIPE TO ELBOW B9.40 ISI-PRI-1128	2.90	0.344	PT	86E-03	02/21/98	98U1-451P004	р	Y	N
SIS-02-SI-1001-14 ELBOW TO PIPE B9.40 ISI-PRI-1128	2.00	0.344	PT	86E-03	02/21/98	98U1-451P005	Р	Y	N
SIS-02-SI-1003-28 ELBOW TO PIPE B9.40 ISI-PRI-1130	2.00	0.344	PT	86E-03	02/27/98	98U1-451P012	Р	Y	N
SIS-02-SI-1003-29 PIPE TO ELBOW B9.40 ISI-PRI-1130	2.00	0.344	PT	86E-03	02/27/98	98U1-451P013	Р	Y	N
SIS-02-SI-1003-31 PIPE TO ELBOW B9.40 ISI-PRI-1130 4519031 ONE ROUND INDICATION 3/3	2.00 2" ON D	0.344 OWNSTREAM B	PT ASE META	86E-03 L.	04/02/98	98U1-451P031	р	Y	R
SIS-02-SI-1004-11 PIPE TO ELBOW B9.40 ISI-PRI-1150 451P006 ONE LINEAR INDICATION .15	. 2.00	0.344	РТ	86E-03	02/21/98	98U1-451P006	Р	Y	R

Point Beach Nuclear Plant, Unit 1 6610 Nuclear Road Two Rivers, Wisconsin 54241

COMPONENT IDENTIFICATION COMPONENT DESCRIPTION ITEM ISOMETRIC RELIEF MATERIAL A & B	DIA.	THICKNESS	METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IN/) TYP
SIS-02-SI-1010-06 PIPE TO ELBOW C5.30 ISI-PRI-1256	2.00	0.344	РТ	86E-03	04/21/98	98U1-451P034	Р	Y	N
SIS-02-SI-1010-39 TEE TO PIPE C5.30 ISI-PRI-1258	2.00	0.344	PT	86E-03	02/20/98	98U1-451P001	Р	Y	N
SIS-04-SI-1005-34 ELBOW TO PIPE C5.21 ISI-PRI-1252 109P004 FOR WELD PROFILES ONLY. 109P032 FOR LAMINATION SCAN ONLY	4.00 Y.	0.337	PT UT UT UT	86E-03 86E-03 86E-03 86E-03	03/30/98 03/31/98 04/22/98 03/31/98	98U1-451P030 98U1-109P032 98U1-109P004 98U1-161P018	P P P	Y Y N Y	N N N N
SIS-04-SI-1006-30 ELBOW TO PIPE C5.21 ISI-PRI-1253 161P001 ROOT GEOMETRY OBSERVED	4.00 INTERM	0.337 MITTENTLY ALC	PT UT UT NG ENTIR	「F-03 あ、 03 86E-い3 E WELD LENGT	02/20/98 02/27/98 02/21/98 FH.	98U1-451P002 98U1-109P023 98U1-161P001	P P P	Y Y Y	N N G
SIS-06-SI-1005-19 VALVE SI-888A TO ELBOW C5.11 ISI-PRI-1235 161P020 SINGLE-SIDED EXAM DUE TO CODE-REQUIRED COVERAGE OBTAIN 451P0361" ROUNDED INDICATION IN	6.00 CONFIG ED FRO N THE E	0.432 GURATION. M ELBOW SIDE. BASE METAL.	PT UT UT	86E-03 86E-03 86E-03	04/24/98 04/24/98 04/24/98	98U1-451P036 98U1-161P020 98U1-109P011	Р Р Р	Y Y Y	N N N

3.4 Pressure Tests

3.4.1 ASME Section XI Pressure Tests

Following are pressure tests that have been conducted as part of the pressure test program at PBNP since the last refueling outage. The PBNP Pressure Test program utilizes Code Case N-498 for pressure tests on ASME Class 1 and 2 systems. It is the opinion of the Authorized Nuclear Inservice Inspector that the ASME Section XI requirements for periodic pressure testing, were not completed in accordance with the code requirements. This concern was documented on and will be resolved as part of Condition Report 98-3574.

Test Description:	System Leakage Test of Class 1 Components Following Refueling Outage.
System:	Reactor Coolant, Chemical and Volume Control, Main Steam, Primary
	Sampling
Test Document:	IT-230
Completion Date:	6/23/98
Test Description:	Quarterly Inservice Pressure Test of Boric Acid Transfer Pumps and Valves
System:	Chemical and Volume Control
Test Document:	IT-17
Completion Date:	1/3/98
Test Description:	Waste Gas System Gaseous Leak Checks (Annual)
System:	Waste Gas
Test Document:	IT-600
Completion Date:	1/3/98

3.5 Snubber Surveillance Tests

3.5.1 ASME Section XI Snubber Surveillance Tests

Following are snubber inservice tests that have been conducted for snubbers less than 50 kips as part of the snubber surveillance test program at PBNP since the last refueling outage.

TEST DESCRIPTION: Snubber Inservice Test for Snubbers Less than 50 kips.

Snubber:	HS-13
Test Documents:	WO 9710138

Completion Date:	04/27/98
Results:	Acceptable
Snubber:	HS-19
Test Documents:	WO 9710139
Completion Date:	06/03/98
Results:	Acceptable
Snubber:	HS-20
Test Documents:	WO 9710140
Completion Date:	06/03/98
Results:	Acceptable

4.0 ABSTRACT OF CONDITIONS NOTED AND CORRECTIVE MEASURES TAKEN

4.1 Component/Weld

Nondestructive examinations were performed by P-G, PWA, QAS, RAYTHEON, and SwRI personnel. The nondestructive examinations utilized MT, PT, RT, UT, and VT techniques. All the examinations were performed in accordance with written procedures that conform to the applicable sections of the ASME Boiler and Pressure Vessel Code. The following is a summary of the recorded indications found during the examinations and evaluated by WE personnel.

IDR 98U1-7P001, Class 1, PIPE TO ELBOW, SIS-02-SI-1004-11 Data Sheet No. 98U1-451P006, Drawing No. ISI-PRI-1150 Method: PT Indication: Linear indication, 0.1" on the upstream side of the weld centerline. Disposition: Accept as is.

The linear indication does not violate the acceptance criteria of IWB-3514. Therefore, no additional or successive examinations are required.

IDR 98U1-7P002, Class 1, PIPE TO BRANCH CONNECTION, RC-03BP-1002-13 Data Sheet No. 98U1-451P015, Drawing No. ISI-PRI-1137 Method: PT Indication: Rounded indication in the base metal. Disposition: Accept as is.

The rounded indication does not violate the acceptance criteria of IWB-3514. The rounded indication appears as a fabrication porosity pit and does not appear to be service related. No additional or successive examinations are required.

IDR 98U1-7P003, Class 1, MIDDLE SHELL TO LOWER SHELL, RPV-16-683 Data Sheet No. 001010, Drawing No. ISI-PRI-1101 Method: UT Indication: Three subsurface indications in the base metal. Disposition: Accept as is.

The three indications do not violate the acceptance criteria of IWB-3510. These subsurface flaws are located between 3.6" and 6.7" from the weld centerline, and thus it can be assumed that they were present from the time of fabrication of the plate material and are not service related. No additional or successive examinations are required.

IDR 98U1-7P004, Class 1, LOWER SHELL TO LOWER HEAD RING, RPV-17-683 Data Sheet No. 001020, Drawing No. ISI-PRI-1101 Method: UT Indication: Three subsurface indications in the base metal. One surface connected indication on the outside surface.

Disposition: Accept as is.

The four indications did not violate the acceptance criteria of IWB-3510. The one surface connected flaw was a shallow (approx. .125" deep) indication which may have been caused from grinding or other surface preparation activities during construction and is not service related. The three other flaws are subsurface in nature which are located outside of the weld material, thus it can be assumed that they were present from the time of fabrication of the plate material and are not service related. No additional or successive examinations are required.

IDR 98U1-7P005, Class 1, UPPER SHELL TO FLANGE, RPV-14-683-A Data Sheet No. 001060, Drawing No. ISI-PRI-1101 Method: UT Indication: Two subsurface indications in the weld to base metal interface region. Disposition: Accept as is.

The two indications did not violate the acceptance criteria of IWB-3510. These subsurface flaws are located at or near the weld to base metal interface and may be the remains of slag from the initial construction of the vessel. No additional or successive examinations are required.

IDR 98U1-7P006, Class 1, VESSEL INTERIOR SURFACE, RPV-INTERIOR Data Sheet No. 001500, Drawing No. ISI-PRI-1101 Method: VT-3 Indication: Three pieces of debris located within the RPV. Disposition: Removed from vessel.

The debris located during the reactor vessel interior surfaces were documented and recorded on video tape. These debris were subsequently removed from the vessel utilizing a remotely operated vehicle and/or a hydro-vacuum system. No additional or successive examinations required.

IDR 98U1-7P007, Class 1, OUTLET NOZZLE AT 208.5°, RPV-2-686-C Data Sheet No. 001090, Drawing No. ISI-PRI-1101 Method: UT Indication: Three subsurface indications in the weld. Disposition: Accept as is.

The three indications did not violate the acceptance criteria of IWB-3512. These subsurface flaws are located within the weld and may be the remains of slag from the initial construction of the vessel. These flaws have been previously recorded and sized during the 1987, 1990, and 1993 examinations in accordance with IWB-2420(b) and have remained essentially unchanged. No additional or successive examinations are required.

IDR 98U1-7P008, Class 1, OUTLET NOZZLE AT 28.5°, RPV-2-686-A Data Sheet No. 001080, Drawing No. ISI-PRI-1101 Method: UT Indication: Four subsurface indications in the weld. Disposition: Accept as is.

The four indications did not violate the acceptance criteria of IWB-3512. These subsurface flaws are located within the weld and may be the remains of slag from the initial construction of the vessel. These flaws have been previously recorded and sized during the 1987, 1990, and 1993 examinations in accordance with IWB-2420(b) and have remained essentially unchanged. No additional or successive examinations are required.

IDR 98U1-7P009, Class 1, INLET NOZZLE AY 328.5°, RPV-2-686-D Data Sheet No. 001110, Drawing No. ISI-PRI-1101 Method: UT Indication: Three subsurface indications in the weld. Disposition: Accept as is.

The three indications did not violate the acceptance criteria of IWB-3512. These subsurface flaws are located within the weld and may be the remains of slag from the initial construction of the vessel. No additional or successive examinations are required.

IDR 98U1-7P010, Class 1, SAFETY INJECTION NOZZLE AT 288.5°, RPV-687-01-A Data Sheet No. 001120, Drawing No. ISI-PRI-1101 Method: UT Indication: One subsurface indication in the weld. Disposition: Accept as is.

The one indication did not violate the acceptance criteria of IWB-3512. This subsurface flaw is located within the weld and may be the remains of slag from the initial construction of the vessel. This flaw has been previously recorded and sized during earlier examinations has remained essentially unchanged. No additional or successive examinations are required.

IDR 98U1-7P011, Class 1, SAFETY INJECTION NOZZLE AT 108.5°, RPV-687-01-B Data Sheet No. 001130, Drawing No. ISI-PRI-1101 Method: UT Indication: One subsurface indication in the weld. Disposition: Accept as is.

The one indication did not violate the acceptance criteria of IWB-3512. This subsurface flaw is located within the weld and may be the remains of slag from the initial construction of the vessel. No additional or successive examinations are required.

IDR 98U1-7P012, Class 1, OUTLET NOZZLE TO PIPE AT 28.5°, RC-34-MRCL-AI-01 Data Sheet No. 001270, Drawing No. ISI-PRI-1120 Method: UT Indication: Four subsurface indications in the base metal. Disposition: Accept as is.

The four indications did not violate the acceptance criteria of IWB-3512. These subsurface flaw are located approximately 2.25" from the weld centerline and are approximately 0.5" in depth, scattered around at various azimuths in the nozzle. Due to their locations, it can be assumed that they were present at the time of the fabrication of the nozzle and are not service related. No additional or successive examinations are required.

IDR 98U1-7P013, Class 1, ELBOW TO INLET NOZZLE AT 328.5°, RC-32-MRCL-AIII-03 Data Sheet No. 001290, Drawing No. ISI-PRI-1120 Method: UT Indication: Four subsurface indications in the base metal. Disposition: Accept as is.

The four indications did not violate the acceptance criteria of IWB-3514. On the nozzle side of the weld, these subsurface flaw are located approximately 3.4" and 3.7" from the weld centerline and are approximately 0.4" and 0.7" in depth. Due to their locations, it can be assumed that they were present at the time of the fabrication of the nozzle and are not service related. On the elbow side of the weld, these subsurface flaw are located approximately 1.8" from the weld centerline and are approximately 0.95" and 0.9" in depth. Due to their locations, it can be assumed that they were present at the time of the fabrication of the fabricated approximately 1.8" from the weld centerline and are approximately 0.95" and 0.9" in depth. Due to their locations, it can be assumed that they were present at the time of the fabrication of the elbow and are not service related. No additional or successive examinations are required.

IDR 98U1-7P014, Class 2, SHEI L TO TRANS CONE CIRCUM WELD, SG-B-3 Data Sheet No. 98U1-163P002, Drawing No. ISI-PRI-1201 Method: UT Indication: Four inside surface indications in the base metal. Disposition: Accept as is.

The indications did not violate the acceptance criteria of IWC-3510. It appears that these indications may have come from pitting on the inside surface. No additional or successive examinations are required.

IDR 98U1-7P015, Class 2, ELBOW TO PIPE, AC-08-RHR-1004-03 Data Sheet No. 98U1-451P028, Drawing No. ISI-PRI-1228 Method: PT Indication: Rounded indication in the base metal. Disposition: Accept as is.

The rounded indication does not violate the acceptance criteria of IWC-3514 (IWB-3514). The rounded indication appears as a fabrication porosity pit and does not appear to be service related. No additional or successive examinations are required.

IDR 98U1-7P016, Class 2, PIPE TO ELBOW, AC-08-RHR-1003-14 Data Sheet No. 98U1-451P027, Drawing No. ISI-PRI-1227 Method: PT Indication: Rounded indication in the base metal. Disposition: Accept as is.

The rounded indication does not violate the acceptance criteria of IWC-3514 (IWB-3514). The rounded indication appears as a fabrication porosity pit and does not appear to be service related. No additional or successive examinations are required.

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IDR 98U1-7P017, Class 1, ELBOW TO PIPE, RC-36-MRCL-BII-02 Data Sheet No. 98U1-451P025, Drawing No. ISI-PRI-1121 Method: PT Indication: Rounded indications in the base metal. Disposition: Accept as is.

The three rounded indications did not violate the acceptance criteria of IWB-3514. The rounded indications appear to be fabrication porosity pits and do not appear to be service related. No additional or successive examinations are required.

IDR 98U1-7P018, Class 1, PIPE TO ELBOW, CVC-02-LD-1001-33 Data Sheet No. 98U1-451P019, Drawing No. ISI-PRI-1147 Method: PT Indication: Linear indication on the weld centerline. Disposition: Accept as is.

The indication did not violate the acceptance criteria of IWB-3514. No additional or successive examinations are required

IDR 98U1-7P019, Class 2, TEE TO REDUCER, AC-10-RHR-1006-12 Data Sheet No. 98U1-451P020, Drawing No. ISI-PRI-1224 Method: PT Indication: Rounded indication in the base metal. Disposition: Accept as is.

The rounded indication does not violate the acceptance criteria of IWC-3514 (IWB-3514). The rounded indication appears as a fabrication porosity pit and does not appear to be service related. No additional or successive examinations are required.

IDR 98'U1-7P020, Class 2, TEE TO REDUCER, SIS-06-SI-1005-19 Data Sheet No. 98U1-451P036, Drawing No. ISI-PRI-1235 Method: PT Indication: Rounded indication in the base metal. Disposition: Accept as is.

The rounded indication does not violate the acceptance criteria of IWC-3514 (IWB-3514). The rounded indication appears as a fabrication porosity pit and does not appear to be service related. No additional or successive examinations are required.

IDR 98U1-7P021, Class 1, B S/C OUTLET NOZZLE TO ELBOW, RC-36-MRCL-BII-01 Data Sheet No. 98U1-451P026, Drawing No. ISI-PRI-1121 Method: PT Indication: Round indication in the base metal Disposition: Accept as is.

The rounded indication does not violate the acceptance criteria of IWB-3514. The rounded indication appears that it could have been caused by the removal and/or replacement of the insulation during ISI activities. This indication does not appear to be service related. No additional or successive examinations are required.

IDR 98U1-7P022, Class 2, PIPE TO ELBOW, FW-16-FW-1001-07 Data Sheet No. 98U1-350P008, Drawing No. ISI-PRI-1244 Method: MT Indication: Five linear indications in the base metal. Disposition: Accept as is.

Three of the linear indications met and two of the linear indications do not meet the acceptance criteria of IWC-3514 (IWB-3514). For the two indications which do not meet the acceptance criteria, Table IWB-3514-4 allows the provisions of IWB-3514.2 (b) to be applied whenever the standards of the table are exceeded. IWB-3514.2(b) allows for volumetric examination of surface flaws if the allowable flaw standards of Table IWB-3514-1 are applied. All five of the linear indications met the acceptance criteria of Table IWB-3514-1. No additional or successive examinations are required.

IDR 98U1-7P023, Class 2, PIPE TO ELBOW, FW-16-FW-1001-11 Data Sheet No. 98U1-350P009, Drawing No. ISI-PRI-1245 Method: MT Indication: Five linear indications in the base metal. Disposition: Accept as is.

Three of the linear indications met and two of the linear indications do not meet the acceptance criteria of IWC-3514 (IWB-3514). For the two indications which do not meet the acceptance criteria, Table IWB-3514-4 allows the provisions of IWB-3514.2 (b) to be applied whenever the standards of the table are exceeded. IWB-3514.2(b) allows for volumetric examination of surface flaws if the allowable flaw standards of Table IWB-3514-1 are applied. All five of the

linear indications met the acceptance criteria of Table IWB-3514-1. No additional or successive examinations are required.

IDR 98U1-7P024, Class 1, PIPE TO ELBOW, SIS-02-SI-1003-31 Data Sheet No. 98U1-451P031, Drawing No. ISI-PRI-1130 Method: MT Indication: Rounded indication in the base metal. Disposition: Accept as is.

The rounded indication does not violate the acceptance criteria of IWB-3514. This indication does not appear to be service related. No additional or successive examinations are required.

IDR 98U1-7P025, Class N/A, PUMP FLYWHEEL, RCP-A-FLYWHEEL-KEYWAY Data Sheet No. 98U1-450P001, Drawing No. ISI-PRI-1404 Method: PT Indication: Linear indications in keyway. Disposition: Accept after surface conditioning.

The two areas where the indications were recorded appeared to be smeared metal, which probably occurred during the insertion of the keys into the keyways during the last maintenance of the pump. These examinations were performed in accordance with USNRC Reg. Guide 1.14, which recommends the use of ASME Section III acceptance criteria. Prior to application of this criteria, the two areas which had indications were surface conditioned and then re-examined with PT, which revealed no recordable indications. In addition, the entire flywheel, bore, and keyway areas were examined ultrasonically from the flywheel edge. This examination also revealed no recordable indications. No additional or successive examinations are required.

IDR 98U1-7P026, Class 1, VALVE BOLTING 10-IN GATE, RH-720-BLT Data Sheet No. 98U1-352P001, Drawing No. ISI-PRI-1124 Method: MT Indication: Linear indication on one bolt. Disposition: Affected bolting replaced.

The linear indication on the one bolt does not violate the acceptance criteria of IWB-3517, as it appears to have been caused during the disassembly/assembly process of the joint connection. As such, no additional examinations are required. However, after the initial detection of the indication, the affected bolting was removed from service and replaced with new bolting per RRM 98-0042. The replacement bolting was examined prior to installation.

IDR 98U1-7P027, Class 1, SAFE-END TO NOZZLE, PZR-SPRAYNOZ-SE Data Sheet No. 98U1-RT2WE001, Drawing No. ISI-PRI-1104 Method: RT Indication: Elongated indications. Disposition: Accept as is.

The elongated indications do not violate the acceptance criteria of IWB-3514. A review of the previous examination data was performed, no change in the size of the indications could be detected. No additional or successive examinations are required.

IDR 98U1-7P028, Class 3, RIGID SUPPORT, H-89 Data Sheet No. 98U1-754P026, Drawing No. ISI-PRI-1326 Method: VT-3 Indication: Rod slightly bowed away from platform. Support shows gouges on rod where the rod travels through the cut out on the stairway platform. Disposition: Accept as is.

This support was recently added to the program and has not been previously inspected. Further investigation determined that the rod was not actually gouged, but the paint was scraped off and there was a minor indention in the rod. The minor bowing of the rod and the indention do not affect the operability of the component. These conditions do not violate the acceptance standards of N-491-3410, therefore, no additional or subsequent examinations are required.

IDR 98U1-7P029, Class 3, RIGID SUPPORT, H-133 Data Sheet No. 98U1-754P027, Drawing No. ISI-PRI-1349 Method: VT-3 Indication: Ceiling has a .15" gap on East and North side of plate. Disposition: Accept as is.

This support was recently added to the program and has not been previously examined. The gap exists due to the uneven mounting surface. The plate and bolting are painted and no evidence of inservice degradation was evident. The recorded condition does not affect the operability of the component. These conditions do not violate the acceptance standards of IWF-3410/Code Case N-491, therefore, no additional or subsequent examinations are required.

IDR 98U1-7P030, Class 2, RIGID SUPPORT, SI-80 Data Sheet No. 98U1-754P028, Drawing No. ISI-PRI-1257 Method: VT-3 Indication: Ceiling has a .20" gap on East, South, and West side of plate. Disposition: Accept as is.

This component had been previously examined with a loose nut on the U-bolt identified, but with no mention of the gaps at the plate to mounting surface interface. The loose nut was repaired and the re-examination revealed no recordable indications. The gaps are due to the uneven mounting surface. No evidence of inservice degradation exists. The recorded conditions do not affect the operability of the component. The gaps between the surface and the plate do not violate the acceptance criteria of IWF-3410/Code Case N-491, therefore, no successive or additional examinations are required.

IDR 98U1-7P031, Class 3, RIGID SUPPORT, H-21A Data Sheet No. 98U1-754P030, Drawing No. ISI-PRI-1323 Method: VT-3 Indication: .40" gap at sliding plate. As-built drawing shows a 1/4" gap without tolerance. Disposition: Accept as is.

This support was recently added to the program and had not been previously examined. Further investigation by the ISI Coordinator revealed that the gap at the inside of the sliding plate to grout interface was 1/4". Due to the sloping of the grout, the gap increases to 0.4" along the edge. There is no evidence of inservice degradation and the support is operable. This condition does not violate the acceptance criteria of IWF-3410/Code Case N-491, therefore, no successive or additional examinations are required.

IDR 98U1-7P032, Class 2, RIGID SUPPORT, SI-72 Data Sheet No. 98U1-754P031, Drawing No. ISI-PRI-1256 Method: VT-3 Indication: 1/2 thread from being flush with outside of nut. Disposition: Accept as is.

This support had been previously examined during U1R18 and U1R21 with no notation of the nut with incomplete thread engagement. Further investigation by the ISI Coordinator during this evaluation revealed that the bracket is tight against its mating surfaces and no gaps exist between the nuts and the bracket. Furthermore the nuts, studs and plate are painted with no evidence of loosening. Therefore, it can be concluded that this condition has existed since construction and no inservice degradation exists. This condition does not violate the acceptance standards of IWF-3410/Code Case N-491, therefore, no successive or additional examinations are required.

IDR 98U1-7P033, Class 2, RIGID SUPPORT, SI-27 Data Sheet No. 98U1-754P033, Drawing No. ISI-PRI-1253 Method: VT-3 Indication: Gap on the sides of the pipe was 1/4". Disposition: Accept as is.

This support was previously examined during U1R18 with the same results recorded. These conditions do not violate the acceptance standards of IWF-3410/Code Case N-491, therefore, no additional or subsequent examinations are required.

IDR 98U1-7P034, Class 2, RIGID SUPPORT, SI-26 Data Sheet No. 98U1-754P034, Drawing No. ISI-PRI-1253 Method. VT-3 Indication: Base plate gap was up to 3/32". Disposition: Accept as is.

This support was previously examined with no mention of gaps at the mounting surface interface. The gaps are due to the uneven mounting surface. No evidence of inservice degradation exists. This condition does not violate the acceptance standards of IWF-3410/Code Case N-491, therefore, no additional or subsequent examinations are required.

IDR 98U1-7P035, Class 2, RIGID SUPPORT, R-147 Data Sheet No. 98U1-754P036, Drawing No. ISI-PRI-1224 Method: VT-3 Indication: Gap distance on wall side shows 4.2" and gap distance on opposite side is 3.9". The drawing shows a gap distance of 4.5" on wall side and 4.0" on opposite side. Disposition: Accept as is.

This support was recently added to the program and has not been previously examined. No evidence of inservice degradation was evident. These conditions do not affect the operability of the component. These conditions do not violate the acceptance standards of IWF-3410/Code Case N-491, therefore, no additional or subsequent examinations are required.

IDR 98U1-7P036, Class 1, RIGID SUPPORT. 40-18-PP.C Data Sheet No. 98U1-754P038, Drawing Ivo. ISI-PRI-1140 Method: VT-3 Indication: Gaps seen on both wall plates. .15" gap exists at the plate farthest away from the ladder and a .1" gap exists at the plate closest to the ladder. Disposition: Accept as is.

This support was recently added to the program and was not previously examined. The gaps exist due to the uneven mounting surface. The plate and the bolting are painted, and no evidence of inservice degradation exits. This condition does not violate the acceptance standards of IWF-3410/Code Case N-491, therefore, successive or additional examinations are required.

IDR 98U1-7P037, Class 2, RIGID SUI PORT, 3H-01 Data Sheet No. 98U1-754P021, Drawing No. ISI-PRI-1223 Method: VT-3 Indication: Grout cracked on west side of support and does not exist for 7" of 11 1/2" on east side. Disposition: Accept as is.

This support was previously examined during U1R21 with similar results recorded. At that time, IDR 94U1-7P019 and Condition Report 94-101 were generated documenting this condition. At that time, the support was evaluated to meet and perform it's functional requirements and the system was considered to be operable. The supports immediately adjacent to and supports equal in number and similar in type, design, and function were examined during U1R21. The examinations of the additional supports revealed no recordable indications. As a response to the above noted Condition Report, Modification Request MR 95-039 was generated on 06/06/95 to repair this support. In discussions with the Civil/Structural/Piping group, it was determined that these modifications have not occured as of this date. As there is no evidence of deformation or structural degradation to fasteners, springs, clamps, or other support items, this support is considered to be operable. These conditions do not violate the acceptance standards of IWF-3410/Code Case N-491, therefore, no additional or subsequent examinations are required.

4.2 Pressure Tests

No reportable indications observed.

4.3 Snubber Surveillance Tests

Tests were acceptable, no corrective actions required.