

UNIT 1 REFUELING 18
INSERVICE INSPECTION SUMMARY REPORT
FOR
FORM NIS-1

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ACRONYMS

PBNP	Point Beach Nuclear Plant
ISI	Inservice Inspection
LTP	Long-Term Plan
NDE	Nondestructive Examination
WE	Wisconsin Electric Power Company
QAS	WE Quality Assurance Section
PWA	Professional Welding Associates
EBASCO	EBASCO Services Incorporated
ASME	American Society of Mechanical Engineers
SI	Safety Injection
VT	Visual Testing
PT	Dye Penetrant Testing
MT	Magnetic Particle Testing
UT	Ultrasonic Testing
IDR	Indication Disposition Report
MWR	Maintenance Work Request

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UNIT 1 REFUELING 18
INSERVICE INSPECTION

1.0 INTRODUCTION

From May 25, 1990 through May 25, 1991, nondestructive examinations of selected components at PBNP Unit 1 were performed. These examinations constitute the first examination of the first period of the third 10-year interval at PBNP Unit 1. Also included in this examination were items remaining from the second 10-year interval. The time interval for this examination period included the Unit 1 Refueling 18 outage which ran from April 6, 1991 to May 20, 1991.

2.0 EXAMINATION AREAS

2.1 Determination of Scope

The ISI was performed in accordance with the following:

- 2.1.1 PBNP FFDSAR, Technical Specification Section 15.4.2.B
- 2.1.2 Long-Term Inservice Examination Plan (LTP) for Class 1, Class 2 and Class 3 Components and Systems of PBNP Unit 1 (Second Interval)
- 2.1.3 ISI Long-Term Plan for the Third Inspection Interval, Unit 1
- 2.1.4 NRC IE Bulletin 82-02
- 2.1.5 Requests of PBNP Personnel

2.2 NDE Listings

Representative samples of the following components and system areas were examined with NDE techniques by WE (QAS), EBASCO, and Professional Welding Associates (PWA) personnel. For more detailed information see Unit 1 LTP, Second or Third Inspection interval, as applicable.

- 2.2.1 Reactor Pressure Vessel Flange Ligaments
- 2.2.2 "W" Reactor Coolant Pump Flywheel (Second Interval)
- 2.2.3 Pressurizer
 - a. Nozzle to safe-end weld
 - b. Nozzle inside radius section
 - c. Support
- 2.2.4 "A" Steam Generator
 - a. Manway bolting
 - b. Lower head to tubesheet weld
 - c. Supports
- 2.2.5 Class 1 Pressure Retaining Valve Bolting
- 2.2.6 Regenerative Heat Exchanger Supports

2.2.7 Class 1 Piping and Pipe Supports

AC-06-SI-1001
AC-10-AC-1001
CVC-02-AS-1001
CVC-02-LD-1001
CVC-02-LD-1002
CVC-02-LD-1003
CVC-02-LD-1004
CVC-02-PSI-1001
CVC-02-PSI-1002
CVC-03-CH-1001
RC-02-BP-1001
RC-02-BP-1002
RC-02-BP-1003
RC-02-BP-1004
RC-02-DR-1002
RC-02-LD-1001
RC-03-CH-1001
RC-03-PS-1001
RC-03-PS-1002
RC-03-PSF-1003
RC-04-PR-1001
RC-04-PS-1001
RC-10-SI-1001
RC-32-MRCL-BIII
SIS-02-SI-1001
SIS-02-SI-1002
SIS-02-SI-1003
SIS-02-SI-1004
SIS-10-SI-1002

2.2.8 Class 2 Piping and Pipe Supports

AC-06-SI-1003
AC-10-RHR-1001
AC-10-RHR-1006
FW-16-FW-1001
FW-16-FW-1002
MS-30-MS-1001
MS-30-MSR-1001
MS-30-MSR-1002
SIS-02-SI-1001
SIS-02-SI-1005
SIS-02-SI-1007
SIS-02-SI-1009
SIS-02-SI-1010
SIS-02-SI-1011
SIS-02-SI-1013
SIS-02-SI-1014
SIS-04-SI-1005
SIS-04-SI-1006
SIS-06-CS-1001
SIS-06-CS-1003
SIS-06-SI-1005
SIS-06-SI-1006
SIS-06-SI-1007
SIS-06-SI-1008
SIS-07-SI-1003
SIS-10-SI-1005

2.2.9 Class 3 Piping and Supports

AC-10-SF-1002
SW-04-AFW-1001
SW-04-AFW-1002
SW-08-AFW-1002
SW-08-AFW-1004
SW-24-MH-1001

2.2.10 Non-ASME Section XI Items

Main Steam Bypass Energy Absorbers

2.2.11 "A" RHR Heat Exchanger Shell to Nozzle Weld (Second Interval)

2.3 Pressure Tests

The following pressure tests were conducted. These pressure tests were conducted in accordance with the requirements of ASME Section XI Technical Specifications and approved PBNP procedures.

2.3.1 A system leak test was performed on all ISI Class 1 components.

2.3.2 A 10-year hydrostatic test of the Class 2 portion of the Main Steam, Feedwater, Auxiliary Feedwater, Steam Generators and Residual Heat Removal Systems were performed.

2.3.3 A 10-year hydrostatic test of the Class 3 portion of Emergency Diesel Fuel Oil System.

3.0 SUMMARY OF INDICATIONS REPORTED

Nondestructive examinations were performed by QAS, EBA/SCO Ltd Professional Welding Associates personnel. The nondestructive examinations utilized VT, PT, MT and UT 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 are summaries of the recorded indications found during the examinations and evaluated by PBNP personnel.

3.1 IDR 7-P-001, Class 3 Pipe Support, S-541

The as-built configuration of the support is different than shown on the support drawing. This is nonrelevant per ASME Section XI, IWF-3410(b) and was accepted for continued use. A Condition Report was initiated to evaluate the support/drawing and make changes as appropriate.

3.2 IDR 7-P-002, Class 1 Pressure Retaining Dissimilar Metal Weld, Pressurizer Safety Nozzle, PZR-SAFNOZ-1.

Numerous dye penetrant indications (sizes 1/16" - 1/8") were identified in the area of the nozzle to safe-end weld. All of the indications were less than the acceptance limit of Table IWB-3514-2 of the ASME Section XI Code.

- 3.3 IDR 7-P-003, Class 1 Pressure Retaining Dissimilar Metal Weld, Pressurizer Safety Nozzle, PZR-SAFNOZ-2.

Numerous dye penetrant indications (sizes 1/16" - 5/16") were identified in the area of the nozzle to safe-end weld and adjacent base metal. The indications in the ASME Section XI examination area were less than allowable by Table IWB-3514-2 of the Code. The base metal indications were reexamined and evaluated in accordance with the original construction requirements (ASME Section III, 1965 edition, Summer 1966 addenda). The base metal indications were also acceptable.

- 3.4 IDR 7-P-004, Class 1 Pressure Retaining Bolting, Steam Generator "A" Outlet Manway Bolts, FG-A-MV/AY-OUTLET-BLT-01 through 16.

One bolt had a gouge in the mating surface of bolt head. The gouge was evaluated as acceptable per IWB-3517 of ASME Section XI, but the bolt was replaced as a precautionary measure.

- 3.5 IDR 7-F-005, Class 2 Pipe Support, FW-H10

The as-built configuration of the spring hanger is different than shown on the support drawing. This is nonrelevant per ASME Section XI, IWF-3410(b) and was accepted for continued service. A Condition Report was initiated to evaluate the support/drawing and make any appropriate changes.

- 3.6 IDR 7-F-006, Class 2 Pipe Support, FW-H12

The load indicator of the spring can was reported rubbing against the sides of the indicator slot and a tack weld at the base of the canister was cracked. The cracked tack weld was first identified in 1988 and evaluated as acceptable without repair. The crack remains unchanged and acceptable. The indicator is a nonload carrying part and is therefore acceptable as is.

- 3.7 IDR 7-P-007, Class 2 Piping, SIS-10-SI-1005-09

Two dye penetrant indications (sizes 3/32" and 1/8") were reported in the weld area. These are less than allowable per Table IWB-3514-2 of ASME Section XI.

- 3.8 IDR 7-P-008, Class 3 Pipe Support, R-206

The as-built configuration of the pipe support is different than shown on the support drawing. This is nonrelevant per ASME Section XI, IWF-3410(b), and was accepted for continued service. A Condition Report was initiated to evaluate the support/drawing and make appropriate changes.

- 3.9 IDR 7-P-009, Class 2 Pipe Support, SI-50

Loose bolting was reported on the pipe support. This condition did not meet the acceptance criteria of ASME Section XI, IWF-3410(a). MWR 912116 was initiated to tighten the bolting and a Condition Report initiated to evaluate other supports on this system. The unacceptable condition also required the examination of seven (7) additional supports of similar type, design and function.

3.10 IDR 7-P-010, Class 2 Pipe Support, 1H-1

Bolting on this clevis-type support was reported loose and improperly adjusted. This condition did not meet ASME Section XI, IWF-3410(a) acceptance criteria. MWR 912138 was initiated to correct the discrepancy and a Condition Report (CR 91-091) initiated to evaluate other supports on this system. This condition was not found to be service related and therefore, no additional exams were required as a result of this IDR.

3.11 IDR 7-P-011, Class 2 Support, SI-80

A nut was reported loose on the U-bolt clamp. This condition did not meet the ASME Section XI, IWF-3410(a) acceptance criteria. MWR 912138 was initiated to tighten the nut and a Condition Report was initiated to evaluate other similar supports on this system. This unacceptable condition also required the evaluation of five (5) additional supports of similar type, design and function.

3.12 IDR 7-P-012, Class 1 Piping, I.C-02 PF 002-08

A 1/8-inch gouge in the weld was reported as a result of the dye penetrant examination. The gouge appeared to be the result of a mechanical activity and not from service. The size of the gouge is less than the acceptance limit of Table IWB-3514-2 of ASME Section XI.

3.13 IDR 7-P-013, Class 2 Pipe Support, 1H-02A

The as-built configuration of the pipe support is different than shown on the support drawing. This is nonrelevant per ASME Section XI, IWF-3410(b), and was accepted for continued service. A Condition Report was initiated to evaluate the support and drawing to determine if changes in either are required.

3.14 IDR 7-P-014, Class 2 Pipe Support, R-1

The as-built configuration of the pipe restraint is different than shown on the support drawing. This is nonrelevant per ASME Section XI, IWF-3410(b), and was accepted for continued service. A Condition Report was initiated to evaluate the restraint and drawing to determine if changes in either are required.

3.15 IDR 7-P-015, Class 2 Pipe Support, H-09

The support was reported as being different than the drawing. The evaluation identified that the wrong drawing had inadvertently been used for the inspection. The as-built configuration is as shown on Grinnell drawing for support EB-1-H9.

3.16 IDR 7-P-016, Class 2 Pipe Support, H-20

The as-built configuration of the pipe support is different than shown on the support drawing. This is nonrelevant per ASME Section XI, IWF-3410(b), and was accepted for continued service. A Condition Report was initiated to evaluate the support drawing to determine if changes are required.

3.17 IDR 7-P-017, Class 2 Pipe Support, MSH-06

The portion of the support rod which extends above the spring canister was reported as bent. This portion of the rod does not carry load and was evaluated as a nonsupport part. The support was accepted as is for continued service.

3.18 IDR 7-P-018, Class 2 Pipe Support, SI-64

The inspection reported that the U-bolt was loose and the corresponding nuts were not snug. The condition was unacceptable per ASME Section XI. MWR 912257 was issued to correct the support. This support was examined as part of the evaluation of Condition Report 91-091.

3.19 IDR 7-P-019, Class 2 Pipe Support, SI-65

The inspection reported that a nut on the support rod was loose. The evaluation determined the nut in question was not required for the function of the support and had been backed off during erection. The condition was acceptable as is. This support was examined as part of the evaluation of Condition Report 91-091.

3.20 IDR 7-P-020, Class 2 Pipe Support, SI-66

The inspection reported the U-bolt was loose and the corresponding nuts were not snug. The condition was unacceptable per ASME Section XI. MWR 912257 was issued to correct the support. This support was examined as part of the evaluation of Condition Report 91-091.

3.21 IDR 7-P-021, Class 2 Pipe Support, SI-67

The nut was reported missing from the adjustable clevis cross bolt. This condition did not meet the acceptance criteria of ASME Section XI, IWF-3410(a). MWR 912257 was issued to replace the missing nut. This support was examined as part of the Condition Report 91-091 evaluation.

3.22 IDR 7-P-022, Class 2 Pipe Support, SI-69

The support was found not to be attached to the building structure. The evaluation of the support indicated it was not required and should be removed from the pipe. The removal was included on MWR 912257. This support was examined as part of Condition Report 91-091 evaluation.

3.23 IDR 7-P-023, Class 2 Pipe Support, SI-72

The inspection identified U-bolt nuts which were not snug. MWR 912257 was issued to have the nuts tightened. This support was examined as part of the Condition Report 91-091 evaluation.

3.24 IDR 7-P-024, Class 2 Pipe Support, SI-75

This support was found to be, and dispositioned the same as, IDR 7-P-023.

3.25 IDR 7-P-025, Class 2 Pipe Support, SI-81

The nut on the cross bolt of the adjustable clevis was reported as not tight. This was evaluated as a construction deviation. Tightening of the nut was included on MWR 912257. This support was examined as part of the evaluation of Condition Report 91-091.

3.26 IDR 7-P-026, Class 2 Pipe Support, SI-85

The nut was reported missing from the adjustable clevis cross bolt and the hanger rod bent at 45 degrees at its upper connection. The bent hanger rod was per design; however, the missing nut did not meet the acceptance criteria of ASME Section XI, IWF-3410(a). MWR 912257 was issued to replace the missing nut. This support was examined as part of the Condition Report 91-091 evaluation.

3.27 IDR 7-P-027, Class 2 Pipe Support, SI-79

This inspection reported the top anchor bolt on this U-bolt support was lost. This condition is unacceptable per ASME Section XI. MWR 912211 was issued to repair this condition. Condition Report 91-112 was initiated to conduct an evaluation of this condition. This condition requires repair prior to startup and is scheduled as such. No additional exams were required since all supports of this size, type and function have been examined this outage.

3.28 IDR 7-P-028, Class 2 Pipe Support, SI-51

The nut on the cross bolt of the adjustable clevis was reported as not tight. This was evaluated as acceptable per ASME Section XI since the nut was immovable and meets the general assembly requirements of Grinnell.

3.29 IDR 7-P-029, Class 2 Pipe Support, SI-27

This inspection reported an anchor bolt missing. This was evaluated as a construction/modification deviation and not service related, thus meeting ASME Section XI acceptance standards. Condition Report 91-108 was initiated to evaluate the support and make corrections to the as-built drawing as necessary.

3.30 IDR 7-P-030, Class 2 Pipe Support, SI-13

This inspection reported that the support does not meet the drawing requirements. This discrepancy is not a degradation of the support structure and is acceptable per ASME Section XI. Condition Report 91-107 was initiated to evaluate and change the file drawing to reflect as-built configurations.

3.31 IDR 7-P-031, Class 2 Pipe Support, SI-38

This support was found to be, and dispositioned the same as, IDR 7-P-030.

3.32 IDR 7-P-032, Class 2 Pipe Support, SI-16

This support was found to be the same as IDR 7-P-030. Condition Report 91-106 was initiated to evaluate and change the file drawing to reflect the as-built configuration.

3.33 IDR 7-P-033, Class 2 Pipe Support, SI-41

This support was found to be, and dispositioned the same as, IDR 7-P-032.

3.34 CR 91-091

A Condition Report was issued to perform Preservice or Baseline examinations on fourteen (14) supports in the Safety Injection System. All of these supports were added to the ISI Program for the third inspection interval and had not been previously examined for ISI.

4.0 COMPONENT/WELD EXAMINATIONS

The following database printouts summarize the ISI examinations that were performed during the Unit 1 Refueling 18 outage. The following is an explanation of abbreviations or codes appearing in the printouts that may require additional description.

<u>CODE or HEADING</u>	<u>DESCRIPTION</u>
B6E-03	Examinations performed in accordance with the 1986 Edition of ASME Section XI, for the Third Inspection Interval.
A01-03	Additional Exams performed as a result of IDR 7-P-009.
A02-03	Additional Exams performed as a result of IDR 7-P-011.
B03-03	Augmented Examinations of Main Steam Bypass Energy Absorbers.
B04-03	Augmented Examinations of threaded fasteners in accordance with IEB 82-02.
P01-03	Preservice or Baseline exams performed as a result of Condition Report 91-091.
R01-03	Re-exams performed as a result of IDR 7-P-009.
R02-03	Re-exams performed as a result of IDR 7-P-010.
R03-03	Re-exams performed as a result of IDR 7-P-011.
MATL A/MATL B	The base metal material type on both sides of the component. (i.e., C = carbon steel, S = stainless steel)
Results	The acceptability of a completed examination. (i.e., P = pass, F = fail)
INDTYP	A description of indications. (i.e., Blank = no indications, R = relevant indications, N = non-relevant indications)

POINT BEACH NUCLEAR PLANT
SECOND INTERVAL ISI - OUTAGE UIRIB
SUMMARY REPORT - DATED 31 MAY 1991

COMPONENT : RHR A

EXAM AREA

RHR-A-N2 SHELL TO NOZZLE

FIG	ITEM	CAT	METHOD	PROC	EX GR	CAL BLOCK	IND HIGH	DATA SHEET	REMARKS
B-4	C2.20	C-8	PT	NBC-457 (F) QAS			N	451001	UT NOT FEASIBLE DUE TO CONFIGURATION ON RB 1-10 ALTERNATE EXAM IS BY OF REINFORCING PAD AND WT-2 EACH PRESSURE TEST.

POINT BEACH NUCLEAR PLANT
SECOND INTERVAL 151 - OUTAGE UIR18
SUMMARY REPORT - DATED 31 MAY 1991

COMPONENT: RCP B

EXAM AREA	FIG	ITEM	CAT	METHOD	PROC	EX GR	CAL BLOCK	YND RIGN	DATA SHEET	REMARKS
PUMP FLYWHEEL (REMOVED)	A-10	---	---	VT-1	MNF-750 (9)	QAS		N	750132	EACH DESIGN OUTAGE: PERFORM VT-1 SURF & PT BORE /KEYWAY SURF 2.5. UTB DEFERR ED FROM UIR16. EACH DESIGN OUTAGE: PERFORM VT-1 SURF & PT BORE /KEYWAY SURF 2.5. UTB DEFERR ED FROM UIR16.
PUMP FLYWHEEL (REMOVED)	A-10	---	---	PT	MNF-750 (2)	QAS		N	450001	EACH DESIGN OUTAGE: PERFORM VT-1 SURF & PT BORE /KEYWAY SURF 2.5. UTB DEFERR ED FROM UIR16. EACH DESIGN OUTAGE: PERFORM VT-1 SURF & PT BORE /KEYWAY SURF 2.5. UTB DEFERR ED FROM UIR16.
PUMP FLYWHEEL (REMOVED)	A-10	---	---	UT	MNF-750 (1)	QAS	11-PTB 12-PT B	N	150001	EACH DESIGN OUTAGE: PERFORM VT-1 SURF & PT BORE /KEYWAY SURF 2.5. UTB DEFERR ED FROM UIR16.

POINT BEACH NUCLEAR PLANT
SECOND INTERVAL ISI - OUTAGE UIR18
SUMMARY REPORT - DATED 31 MAY 1991

COMPONENT SYSTEM PRESSURE TESTS

EXAM AREA	FIC	ITEM	CAT	METHOD	PROC	EX GR	CAL BLOCK	IND RIGN	DATA SHEET	REMARKS
EDG FLEL OIL SYSTEM PRESSURE RETAINING COMP		D2.10	D-B	VT-2/HT	NDE-750 QAS (8)			N	750001	NO WATER TO ENTER SYSTEM. ADDED 7/88 MON OUTAGE TEST. ALSO DATA SHTS 750-P-002, -003, & -004.
FW PRESSURE RETAINING PPG COMPONENTS		C7.21	C-H	VT-2/HT	NDE-750 QAS (9)			N	750008	REPLACEMENT HYDRO OF PORTION OF FEEDWATER SYSTEM DURING OUTAGE 3. INCLUDED WITH MS & SG HYDRO.
FW PRESSURE RETAINING VALVE COMPONENTS		C7.41	C-H	VT-2/HT	NDE-750 QAS (9)			N	750008	INCLUDED WITH MAIN STEAM AND STEAM GENERATOR HYDRO.
MS PRESSURE RETAINING PPG COMPONENTS		C7.21	C-H	VT-2/HT	NDE-750 QAS (8)			R	750008	INCLUDED WITH STEAM GENERATOR AND FEEDWATER R HYDRO. ALSO DATA SHEET 750-P-087.
MS PRESSURE RETAINING VALVE COMPONENTS		C7.41	C-H	VT-2/HT	NDE-750 QAS (9)			R	750008	INCLUDED WITH STEAM GENERATOR AND FEEDWATER R HYDRO. ALSO DATA SHEET 750-P-087.
MS PRESSURE RETAINING VESSEL COMPONENTS (SG)		C7.11	C-H	VT-2/HT	NDE-750 QAS (8)			R	750008	HYDRO OF STEAM GENERATORS AND PORTIONS OF MAIN STEAM SYSTEM INCLUDED. S/G REPLACED OUT3.

WISCONSIN ELECTRIC
 POINT BEACH NUCLEAR PLANT, UNIT 1
 Interval 3 Period 1 Outage 1
 EXREQ = 86E-03
 (Outage Summary Report - NIS-1)

Page No. 1
 11/20/91

COMPONENT IDENTIFICATION
COMPONENT DESCRIPTION

ISI EXAM RELIEF MATL A PROGRM IND
ISOMETRIC NO. METHOD REQUEST MATL B DATE RESULTS CREDIT TYP EXAM NOTES

Category : B-B
Item Number: 82.40

SG-A-LH-1-A				C					
LOWER HEAD TO TUBE SHEET (0-120)	ISI-PRI-1106	UT		C	04/24/91	P	Y		ALSO DATA SHEETS 91PB1-UT-040 & -041.

COMPONENT IDENTIFICATION	ISI	EXAM	RELIEF	MATL A	EXAM DATE	RESULTS	PROGRAM	IND	EXAM NOTES
COMPONENT DESCRIPTION	ISOMETRIC NO.	METHOD	REQUEST	MATL B			CREDIT	ITYP	
Category : B-D									
Item Number: B3.120									
PZR-SAFM02-1-IRS				S					
INSIDE RADIUS SECTION	ISI-PRI-1104	UT			06/17/91	P	Y		
PZR-SAFM02-2-IRS				S					
INSIDE RADIUS SECTION	ISI-PRI-1104	UT			06/17/91	P	Y		

COMPONENT IDENTIFICATION
COMPONENT DESCRIPTION

Category : B-F
Item Number: 85.40

ISI EXAM RELIEF MATL A EXAMDATE RESULTS PROGRAM END
ISOMETRIC NO. METHOD REQUEST MATL B CREDIT TYP EXAM NOTES

PZR-SAFMOZ-1	ISI-PRI-1104	PT							
NOZZLE TO SAFE-END			S	04/15/91	P	Y	N	ACCEPTABLE AS-IS.	
PZR-SAFMOZ-1	ISI-PRI-1104	UT							
NOZZLE TO SAFE-END			S	04/17/91	P	Y	N	NO UT FROM THE UPSTREAM SIDE DUE TO THE NOZZLE CONF. GURATION. ALSO DATA SHEETS 91PB1-UT-020, -032 & -038.	
PZR-SAFMOZ-2	ISI-PRI-1104	PT							
NOZZLE TO SAFE-END			S	04/15/91	P	Y	R	ACCEPTABLE AS-IS. ALSO DATA SHEET 350-P-003.	
PZR-SAFMOZ-2	ISI-PRI-1104	UT							
NOZZLE TO SAFE-END			S	04/17/91	P	Y		NO UT FROM THE UPSTREAM SIDE DUE TO THE NOZZLE CONFIGURATION. ALSO DATA SHEETS 91PB1-UT-020, -026, & -038.	

COMPONENT IDENTIFICATION
COMPONENT DESCRIPTION

Category : B-G-1
Item Number: B6.40

ISI	ISOMETRIC NO.	EXAM METHOD	RELIEF REQUEST	MATL A	MATL B	EXAM DATE	RESULTS	CREDIT	IND	EXAM NOTES
RPV-FLIG-01										
FLANGE LIGAMENT	ISI-PRI-1103	UT		C		04/20/91	P	Y		
RPV-FLIG-02										
FLANGE LIGAMENT	ISI-PRI-1103	UT		C		04/20/91	P	Y		
RPV-FLIG-03										
FLANGE LIGAMENT	ISI-PRI-1103	UT		C		04/20/91	P	Y		
RPV-FLIG-04										
FLANGE LIGAMENT	ISI-PRI-1103	UT		C		04/20/91	P	Y		
RPV-FLIG-05										
FLANGE LIGAMENT	ISI-PRI-1103	UT		C		04/20/91	P	Y		
RPV-FLIG-06										
FLANGE LIGAMENT	ISI-PRI-1103	UT		C		04/20/91	P	Y		
RPV-FLIG-07										
FLANGE LIGAMENT	ISI-PRI-1103	UT		C		04/20/91	P	Y		
RPV-FLIG-08										
FLANGE LIGAMENT	ISI-PRI-1103	UT		C		04/20/91	P	Y		
RPV-FLIG-09										
FLANGE LIGAMENT	ISI-PRI-1103	UT		C		04/20/91	P	Y		
RPV-FLIG-10										
FLANGE LIGAMENT	ISI-PRI-1103	UT		C		04/20/91	P	Y		
RPV-FLIG-11										
FLANGE LIGAMENT	ISI-PRI-1103	UT		C		04/20/91	P	Y		
RPV-FLIG-12										
FLANGE LIGAMENT	ISI-PRI-1103	UT		C		04/20/91	P	Y		
RPV-FLIG-13										
FLANGE LIGAMENT	ISI-PRI-1103	UT		C		04/20/91	P	Y		
RPV-FLIG-14										
FLANGE LIGAMENT	ISI-PRI-1103	UT		C		04/20/91	P	Y		
RPV-FLIG-15										
FLANGE LIGAMENT	ISI-PRI-1103	UT		C		04/20/91	P	Y		

COMPONENT IDENTIFICATION		ISI		EXAM	RELIEF	MATH		EXAM DATE	RESULTS	PROGRAM	IND	EXAM NOTES
COMPONENT DESCRIPTION		ISOMETRIC NO.		METHOD	REQUEST	MATH A	MATH B			CREDIT	TYP	
RPV-FL'G-16		TSI-PRI-1103		UT								
FLANGE LIGAMENT								04/20/91	P		Y	
							C					

COMPONENT IDENTIFICATION

COMPONENT DESCRIPTION

Category : B-G-2

Item Number: 87.30

SG-A-MWAY-INLET-BLT-01 THRU 16

MANWAY BOLTING

<u>ISI</u>	<u>EXAM</u>	<u>RELIEF</u>	<u>MATL A</u>	<u>PROGRM</u>	<u>IND</u>			
<u>ISOMETRIC NO.</u>	<u>METHOD</u>	<u>REQUEST</u>	<u>MATL B</u>	<u>EXAMDATE</u>	<u>RESULTS</u>	<u>CREDIT</u>	<u>TYP</u>	<u>EXAM NOTES</u>

ISI-PRI-1202 VT-1

C

04/16/91 P Y

SG-A-MWAY-OUTLET-BLT-01 THRU 16

MANWAY BOLTING

ISI-PRI-1202 VT-1

C

04/16/91 F Y R 1 BOLT REPLACED. THREADS GALLED.

Item Number: 87.50

RC-04-PR-1001-09-F8

FLANGE BOLTING

ISI-PRI-1131 VT-1

S

04/23/91 P Y

Item Number: 87.70

RH-701 SLT

VALV. BOLTING 10-IN GATE

ISI-PRI-1122 VT-1

C

05/02/91 P Y EXAMINED IN PLACE. 16 STUDS & NUTS.

COMPONENT IDENTIFICATION
COMPONENT DESCRIPTION

ISI EXAM RELIEF MATL A PROGME IND
ISOMETRIC NO. METHOD REQUEST MATL B EXAMDATE RESULTS CREDIT TYP EXAM NOTES

Category : B-J
Item Number: B9.11

AC-06-SI-1001-04			S						
VALVE SI-853B TO PIPE	ISI-PRI-1127	PT	S	04/19/91	P	Y			
AC-06-SI-1001-04			S						
VALVE SI-853B TO PIPE	ISI-PRI-1127	UT	S	04/19/91	P	Y	N		ALSO DATA SHEETS 91PB1-UT-035, -036, & -043.
RC-04-PS-1001-04			S						
ELBOW TO ELBOW	ISI-PRI-1132	PT	S	04/13/91	P	Y			
RC-04-PS-1001-04			S						
ELBOW TO ELBOW	ISI-PRI-1132	UT	S	04/15/91	P	Y	N		ALSO DATA SHEETS 91PB1-UT-008, -009, -010, & -011.
RC-04-PS-1001-06			S						
ELBOW TO PIPE	ISI-PRI-1132	PT	S	04/13/91	P	Y			
RC-04-PS-1001-06			S						
ELBOW TO PIPE	ISI-PRI-1132	UT	S	04/15/91	P	Y			ALSO DATA SHEETS 91PB1-UT-008, -009, -010, & -011.
RC-10-SI-1001-22			S						
PIPE TO BRANCH CONN	ISI-PRI-1123	PT	S	04/25/91	P	Y			
RC-10-SI-1001-22			S						
PIPE TO BRANCH CONN	ISI-PRI-1123	UT	S	04/26/91	P	Y			ALSO DATA SHEETS 91PB1-UT-048 & -049.
RC-32-MRCL-B111-01A			S						
PIPE TO PIPE	ISI-PRI-1121	PT	S	04/25/91	P	Y			
RC-32-MRCL-B111-01A			S						
PIPE TO PIPE	ISI-PRI-1121	UT	S	04/26/91	P	Y			ALSO DATA SHEETS 91PT1-UT-045 & -046.
SIS-10-SI-1002-05			S						
ELBOW TO PIPE	ISI-PRI-1124	PT	S	04/18/91	P	Y			
SIS-10-SI-1002-05			S						
ELBOW TO PIPE	ISI-PRI-1124	UT	S	04/18/91	P	Y	N		ALSO DATA SHEETS 91PB1-UT-031 & 91PB1-UT-034.

Item Number: B9.21

RC-03-CH-1001-21			S						
ELBOW TO PIPE	ISI-PRI-1138	PT	S	04/30/91	P	Y			
RC-03-PS-1001-19			S						
ELBOW TO PIPE	ISI-PRI-1133	PT	S	04/25/91	P	Y			

COMPONENT IDENTIFICATION
COMPONENT DESCRIPTION

COMPONENT IDENTIFICATION											
COMPONENT DESCRIPTION											
ISI	ISOMETRIC NO.	EXAM METHOD	RELIEF REQUEST	MATL A	MATL B	EXAM DATE	RESULTS	CREDIT	IND TYP	EXAM NOTES	
RC-03-PS-1002-01											
	ISI-PRI-1134	PT		S		04/25/91	P	Y			
RC-03-PS-1002-04											
	ISI-PRI-1134	PT		S		04/18/91	P	M			
RC-03-PS-1002-07											
	ISI-PRI-1134	PT		S		04/23/91	P	Y			
RC-03-PS-1002-08											
	ISI-PRI-1134	PT		S		04/25/91	P	Y	R	INDICATION	
RC-03-PS-1002-15											
	ISI-PRI-1134	PT		S		04/23/91	P	Y		SCHEDULE TO	
RC-03-PSF-1003-05											
	ISI-PRI-1135	PT		S		04/13/91	P	Y			
Item Number: 89.40											
CVC-02-LD-1001-28											
	ISI-PRI-1147	PT		S		04/25/91	P	Y			
CVC-02-PSI-1001-11											
	ISI-PRI-1143	PT		S		04/19/91	P	Y			
CVC-02-PSI-1001-52											
	ISI-PRI-1142	PT		S		04/30/91	P	Y			
CVC-02-PSI-1002-30											
	ISI-PRI-1145	PT		S		04/25/91	P	Y			
RC-02-BP-10G1-15											
	ISI-PRI-1136	PT		S		04/30/91	P	Y			
RC-02-BP-1002-22											
	ISI-PRI-1136	PT		S		04/30/91	P	Y			
RC-02-BP-1003-08											
	ISI-PRI-1137	PT		S		04/25/91	P	Y			
RC-02-BP-1004-03											
	ISI-PRI-1137	PT		S		04/29/91	P	Y			
RC-02-BP-1004-09											
	ISI-PRI-1137	PT		S		04/29/91	P	Y			

Item Number: 89.40

COMPONENT IDENTIFICATION
COMPONENT DESCRIPTION

ISI	EXAM	RELIEF	MATL A	EXAM DATE	RESULTS	PROGRAM	IND	EXAM NOTES
ISOMETRIC NO.	METHOD	REQUEST	MATL B			CREDIT	ITY	
RC-02-BP-1004-C								
PIPE TO ELBOW								
RC-02-BR-1002-07B								
COUPLING TO PIPE								
RC-02-LD-1001-06								
PIPE TO ELBOW								
SIS-02-SI-1001-22								
ELBOW TO PIPE								
SIS-02-SI-1002-25								
PIPE TO ELBOW								
SIS-02-SI-1002-26								
ELBOW TO PIPE								
SIS-02-SI-1003-16								
ELBOW TO PIPE								
SIS-02-SI-1004-04A								
VALVE SI-845E TO PIPE								
SIS-02-SI-1004-05A								
PIPE TO ELBOW								
SIS-02-SI-1004-09								
PIPE TO ELBOW								
SIS-02-SI-1004-22								
ELBOW TO PIPE								

[illegible]

Category : B-I-1
Item Number: B12.10

RCP-A-CASE-EXT
PUMP CASING EXTERIOR

ISI	EXAM	RELIEF	MATL A	EXAM DATE	RESULTS	PROGRAM	IND	EXAM NOTES
ISOMETRIC NO.	METHOD	REQUEST	MATL B			CREDIT	TYP	
ISI-PR1-1109	VI-2	RR-1-13	S	05/16/91	P		Y	

<u>COMPONENT IDENTIFICATION</u>	<u>ISI</u>	<u>EXAM</u>	<u>RELIEF</u>	<u>MATL A</u>	<u>EXAM DATE</u>	<u>RESULTS</u>	<u>PROGRM</u>	<u>IND</u>	<u>EXAM NOTES</u>
<u>COMPONENT DESCRIPTION</u>	<u>ISOMETRIC NO.</u>	<u>METHOD</u>	<u>REQUEST</u>	<u>MATL B</u>			<u>CREDIT</u>	<u>TYP</u>	
Category : C-F-1									
Item Number: C5.11									
SIS-10-SI-1005-09				S					
PIPE TO ELBOW	ISI-PRI-1234	PT		S	04/18/91	P	Y	R	ROUNDED INDICATIONS SIZED WITHIN CODE ACCEPTANCE CRITERIA.
SIS-10-SI-1005-09				S					
PIPE TO ELBOW	ISI-PRI-1234	UT		S	04/18/91	P	Y	N	ALSO DATA SHEETS 91PB1-UT-029 & -033.
Item Number: C5.21									
SIS-04-SI-1005-19				S					
ELBOW TO PIPE	ISI-PRI-1254	PT		S	04/12/91	P	Y		
SIS-04-SI-1005-19				S					
ELBOW TO PIPE	ISI-PRI-1254	UT		S	04/12/91	P	Y	N	ALSO DATA SHEETS 91PB1-UT-002 & -005.
SIS-04-SI-1006-19				S					
ELBOW TO PIPE	ISI-PRI-1254	PT		S	04/11/91	P	Y		
SIS-04-SI-1006-19				S					
ELBOW TO PIPE	ISI-PRI-1254	UT		S	04/12/91	P	Y		ALSO DATA SHEETS 91PB1-UT-004 & -006.
Item Number: C5.30									
SIS-02-SI-1001-01				S					
TEE TO PIPE	ISI-PRI-1250	PT		S	04/09/91	P	Y		
SIS-02-SI-1007-04				S					
PIPE TO TEE	ISI-PRI-1250	PT		S	04/09/91	P	Y		
SIS-02-SI-1009-07				S					
VALVE SI-8780 TO PIPE	ISI-PRI-1251	PT		S	04/09/91	P	Y		
SIS-02-SI-1009-09				S					
ELBOW TO PIPE	ISI-PRI-1251	PT		S	04/09/91	P	Y		
SIS-02-SI-1010-01				S					
BRANCH CONN TO PIPE	ISI-PRI-1256	PT		S	04/12/91	P	Y		

<u>COMPONENT IDENTIFICATION</u>	<u>ISI</u>	<u>EXAM</u>	<u>RELIEF</u>	<u>MATL A</u>	<u>PROGRM</u>	<u>IND</u>			
<u>COMPONENT DESCRIPTION</u>	<u>ISOMETRIC NO.</u>	<u>METHOD</u>	<u>REQUEST</u>	<u>MATL B</u>	<u>EXAMDATE</u>	<u>RESULTS</u>	<u>CREDIT</u>	<u>TYP</u>	<u>EXAM NOTES</u>

Item Number: C5.41

SIS-06-SI-1005-13-BC
2-IN BRANCH CONN

				S					
	ISI-FR1-1235	PT		S	04/19/91	P	Y		

COMPONENT IDENTIFICATION		ISI	EXAM	RELIEF	MATL A	PROGRAM	IND		
COMPONENT DESCRIPTION		ISOMETRIC NO.	METHOD	REQUEST	MATL B	EXAMDATE	RESULTS	CREDIT	EXAM NOTES
Category : C-F-2									
Item Number: C5.51									
FW-16-FW-1002-15B					C				
ELBOW TO PIPE		ISI-PRI-1246	MT		C	04/16/91	P	Y	
FW-16-FW-1002-15B					C				
ELBOW TO PIPE		ISI-PRI-1246	UT		C	04/16/91	P	Y	N ALSO DATA SHEETS 91PB1-UT-014, -015, -016, & -012.
MS-30-MS-1001-10					C				
PIPE TO ELBOW		ISI-PRI-1240	MT		C	04/17/91	P	Y	
MS-30-MS-1001-10					C				
PIPE TO ELBOW		ISI-PRI-1240	UT		C	04/17/91	P	Y	ALSO DATA SHEETS 91PB1-UT-022, -023, -024, & -025.

<u>COMPONENT IDENTIFICATION</u>	<u>ISI</u>	<u>EXAM</u>	<u>RELIEF</u>	<u>MATL A</u>		<u>PROGRM</u>	<u>IND</u>		
<u>COMPONENT DESCRIPTION</u>	<u>ISOMETRIC NO.</u>	<u>METHOD</u>	<u>REQUEST</u>	<u>MATL B</u>	<u>EXAMDATE</u>	<u>RESULTS</u>	<u>CREDIT</u>	<u>TYP</u>	<u>EXAM NOTES</u>
Category : F-A									
Item Number: M/A									
A-03B									
ANCHOR	ISI-PR1-1221	VT-3			05/04/91	P	Y		
MS-69									
ANCHOR	ISI-PR1-1240	VT-3			05/07/91	P	Y		
PZR-SKIRT-A									
COMPONENT SUPPORT	ISI-PR1-1105	VT-3			04/23/91	P	Y		INSULATION SUPPORT RING COVERS ALL EXCEPT 2" OF HEAD TO SKIRT WELD. NO RELIEF IS REQUIRED.

COMPONENT IDENTIFICATION
COMPONENT DESCRIPTION

Category : F-B
Item Number: N/A

	ISI ISOMETRIC NO.	EXAM METHOD	RELIEF REQUEST	MATL A MATL B	EXAMDATE	RESULTS	PROGRAM CREDIT	IND	
								TYP	EXAM NOTES
2H-202									
RIGID SUPPORT	ISI-PRI-1238	VT-3			05/10/91	P	Y		
41-01-PRB									
RIGID SUPPORT	ISI-PRI-1141	VT-3			04/25/91	P	Y		
41-02-PRC									
RIGID SUPPORT	ISI-PRI-1141	VT-3			04/25/91	P	Y		
41-03-PRB									
RIGID SUPPORT	ISI-PRI-1141	VT-3			04/25/91	P	Y		
41-03-PRC									
RIGID SUPPORT	ISI-PRI-1141	VT-3			04/25/91	P	Y		
41-07-PRC									
RIGID SUPPORT	ISI-PRI-1141	VT-3			04/25/91	P	Y		
41-15-PR									
RIGID SUPPORT	ISI-PRI-1141	VT-3			04/25/91	P	Y		
6H-09									
ANCHOR	ISI-PRI-1220	VT-3			04/12/91	P	Y		
H-50									
RIGID SUPPORT	ISI-PRI-1335	VT-3			04/11/91	P	Y		
H-51									
RIGID SUPPORT	ISI-PRI-1334	VT-3			04/11/91	P	Y		
H8-04A									
RIGID SUPPORT	ISI-PRI-1329	VT-3			05/16/91	P	Y		
PSR-011-3									
RIGID SUPPORT	ISI-PRI-1336	VT-3			04/19/91	P	Y		
R-144									
RIGID SUPPORT	ISI-PRI-1122	VT-3			04/19/91	P	Y		
R-145									
RIGID SUPPORT	ISI-PRI-1224	VT-3			04/19/91	P	Y		
R-148									
RIGID SUPPORT	ISI-PRI-1224	VT-3			05/09/91	P	Y		

<u>COMPONENT IDENTIFICATION</u>	<u>ISI</u>	<u>EXAM</u>	<u>RELIEF</u>	<u>MATL A</u>		<u>PROGRM</u>	<u>IND</u>		
<u>COMPONENT DESCRIPTION</u>	<u>ISOMETRIC NO.</u>	<u>METHOD</u>	<u>REQUEST</u>	<u>MATL B</u>	<u>EXAMDATE</u>	<u>RESULTS</u>	<u>CREDIT</u>	<u>TYP</u>	<u>EXAM NOTES</u>
R-195									
RIGID SUPPORT	ISI-PR1-1239	VT-3			04/26/91	P	Y	R	
R-200									
RIGID SUPPORT	ISI-PR1-1233	VT-3			04/19/91	P	Y		
R-206									
RIGID SUPPORT	ISI-PR1-1330	VT-3			04/18/91	P	Y	R	
R-20v									
RIGID SUPPORT	ISI-PR1-1330	VT-3			04/19/91	P	Y		
R-24									
RIGID SUPPORT	ISI-PR1-1237	VT-3			04/19/91	P	Y		
R-32									
RIGID SUPPORT	ISI-PR1-1134	VT-3			04/19/91	P	Y		
R-40									
RIGID SUPPORT	ISI-PR1-1134	VT-3			04/23/91	P	Y		
R-68A									
RIGID SUPPORT	ISI-PR1-1138	VT-3			05/04/91	P	Y		
R-78A									
RIGID SUPPORT	ISI-PR1-1138	VT-3			05/04/91	P	Y		
S-541									
RIGID SUPPORT	ISI-PR1-1347	VT-3			04/17/91	P	Y	R	ACCEPTABLE AS IS.
SG-A-MAIN SUPPORT-3									
COMPONENT SUPPORT	ISI-PR1-1202	VT-3			04/30/91	P	Y		

11/20/91

COMPONENT IDENTIFICATIONCOMPONENT DESCRIPTIONISIISOML AIC NO.EXAMMETHODRELIEFREQUESTMATL AMATL BEXAM DATERESULTSPROGRAMCREDITINDTYPEXAM NOTES

Category : F-C

Item Number: N/A

1H-02A

RIGID SUPPORT

ISI-PRI-1235

VT-3

04/26/91

P

Y

R

1H-04A

RIGID SUPPORT

ISI-PRI-1236

VT-3

04/24/91

P

Y

24-20-PS

RIGID SUPPORT

ISI-PRI-1125

VT-3

04/30/91

P

Y

2H-01

SPRING HANGER

ISI-PRI-1224

VT-3

05/10/91

P

Y

36-22-PSS

RIGID SUPPORT

ISI-PRI-1136

VT-3

04/30/91

P

Y

3H-02B

SPRING HANGER

ISI-PRI-1247

VT-3

04/24/91

P

Y

40-18-PRA

RIGID SUPPORT

ISI-PRI-1140

VT-3

04/23/91

P

Y

42-14-PSSA

RIGID SUPPORT

ISI-PRI-1143

VT-3

04/12/91

P

Y

42-20-PSSC

RIGID SUPPORT

ISI-PRI-1143

VT-3

04/12/91

P

Y

42-28-PRA

RIGID SUPPORT

ISI-PRI-1143

VT-3

04/12/91

P

Y

42-32-PS

RIGID SUPPORT

ISI-PRI-1142

VT-3

05/04/91

P

Y

43-10-PHA

RIGID SUPPORT

ISI-PRI-1144

VT-3

04/19/91

P

Y

43-10-PHC

RIGID SUPPORT

ISI-PRI-1144

VT-3

04/19/91

P

Y

43-10-PHD

RIGID SUPPORT

ISI-PRI-1144

VT-3

04/19/91

P

Y

43-18-PH

RIGID SUPPORT

ISI-PRI-1144

VT-3

04/19/91

P

Y

COMPONENT IDENTIFICATION COMPONENT DESCRIPTION	ISI ISOMETRIC NO.	EXAM METHOD	RELIEF REQUEST	SATL		EXAM DATE	RESULTS	PROGRAM		EXAM NOTES
				A	B			CREDIT	TYP	
43-30-PHA RIGID SUPPORT	ISI-PRI-1145	VT-3				04/29/91	P	Y		
43-32-PRA RIGID SUPPORT	ISI-PRI-1145	VT-3				04/29/91	P	Y		
43-32-PRC RIGID SUPPORT	ISI-PRI-1145	VT-3				04/29/91	P	Y		
45-03-PR RIGID SUPPORT	ISI-PRI-1148	VT-3				04/30/91	P	Y		
6H-15 SPRING HANGER	ISI-PRI-1232	VT-3				05/10/91	P	Y		
6H-30 SPRING SUPPORT	ISI-PRI-1248	VT-3				04/24/91	P	Y		
CS-01 SPRING HANGER	ISI-PRI-1260	VT-3				04/24/91	P	Y		
CS-04 SPRING HANGER	ISI-PRI-1260	VT-3				04/24/91	P	Y		
EB9-19 SPRING HANGER	ISI-PRI-1244	VT-3				04/19/91	P	Y		
FV-H10 SPRING HANGER	ISI-PRI-1246	VT-3				04/16/91	P	Y	M	
FV-H11 SPRING HANGER	ISI-PRI-1246	VT-3				04/16/91	P	Y		
FV-H12 SPRING HANGER	ISI-PRI-1246	VT-3				04/16/91	P	Y	R	
H-09 RIGID SUPPORT	ISI-PRI-1243	VT-3				04/26/91	P	Y	M	
H-20 RIGID SUPPORT	ISI-PRI-1242	VT-3				04/26/91	P	Y	R	
H-49 RIGID SUPPORT	ISI-PRI-1335	VT-3				04/11/91	P	Y		
HB-05A RIGID SUPPORT	ISI-PRI-1329	VT-3				04/19/91	P	Y		
HS-12 SHURBER	ISI-PRI-1127	VT-3				04/25/91	P	Y		

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<u>COMPONENT IDENTIFICATION</u> <u>COMPONENT DESCRIPTION</u>	<u>ISI</u> <u>ISOMETRIC NO.</u>	<u>EXAM</u> <u>METHOD</u>	<u>RELIEF</u> <u>REQUEST</u>	<u>MATL A</u> <u>MATL B</u>	<u>EXAMDATE</u>	<u>STATUS</u>	<u>PROGRM</u> <u>CREDIT</u>	<u>IND</u> <u>TYP</u>	<u>EXAM NOTES</u>
MSH-06									
SPRING RANGER	ISI-PRI-1240	VT-3			05/07/91	P	Y	N	
RHE-SHELL SUPPORT-4									
COMPONENT SUPPORT	ISI-PRI-1107	VT-3			04/25/91	P	Y		
RHE-SHELL SUPPORT-5									
COMPONENT SUPPORT	ISI-PRI-1107	VT-3			04/25/91	P	Y		
RHE-SHELL SUPPORT-6									
COMPONENT SUPPORT	ISI-PRI-1107	VT-3			04/25/91	P	Y		
SI-07A									
RIGID SUPPORT	ISI-PRI-1127	VT-3			04/25/91	P	Y		
SI-11									
RIGID SUPPORT	ISI-PRI-1249	VT-3			05/02/91	P	Y		
SI-21									
RIGID SUPPORT	ISI-PRI-1254	VT-3			05/02/91	P	Y		
SI-24									
RIGID SUPPORT	ISI-PRI-1254	VT-3			04/12/91	P	Y		
SI-25									
RIGID SUPPORT	ISI-PRI-1254	VT-3			04/12/91	P	Y		
SI-29									
RIGID SUPPORT	ISI-PRI-1253	VT-3			04/22/91	P	Y		
SI-46									
RIGID SUPPORT	ISI-PRI-1254	VT-3			05/02/91	P	Y		
SI-50									
RIGID SUPPORT	ISI-PRI-1252	VT-3			04/22/91	F	Y	2	ADDITIONAL EXAMS REQUIRED. SEE EXREQ = A01-03.
SI-52									
RIGID SUPPORT	ISI-PRI-1252	VT-3			04/22/91	P	Y		
SI-53									
RIGID SUPPORT	ISI-PRI-1252	VT-3			04/22/91	P	Y		
SI-57									
RIGID SUPPORT	ISI-PRI-1252	VT-3			04/22/91	P	Y		
SI-58									
RIGID SUPPORT	ISI-PRI-1252	VT-3			04/22/91	P	Y		
SI-73									
RIGID SUPPORT	ISI-PRI-1258	VT-3			04/24/91	F	Y	R	ADDITIONAL EXAMS REQUIRED. SEE EXREQ = P01-03.

COMPONENT IDENTIFICATION COMPONENT DESCRIPTION	ISI ISOMETRIC NO.	EXAM METHOD	RELIEF REQUEST	MATL. S MATL. U	EXAM DATE	RESULTS	PROGRAM		EXAM NOTES
							CREDIT	IND TYP	
SI-74 RIGID SUPPORT	ISI-PRI-1258	VT-3			04/24/91	P	Y		
SI-80 RIGID SUPPORT	ISI-PRI-1257	VT-3			04/24/91	F	Y	R	ADDITIONAL EXAMS REQUIRED. SEE EXRC 3 = AC2-03.
SI-82 RIGID SUPPORT	ISI-PRI-1259	VT-3			04/24/91	P	Y		
SI-83 RIGID SUPPORT	ISI-PRI-1259	VT-3			04/24/91	P	Y		
SI-86 RIGID SUPPORT	ISI-PRI-1250	VT-3			04/05/91	P	Y		

WISCONSIN ELECTRIC
 POINT BEACH NUCLEAR PLANT, UNIT 1
 Interval 3 Period 1 Outage 1
 EXREQ = AC1-03

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COMPONENT IDENTIFICATION	ISI	EXAM	RELIEF	MAT A	PROGRAM	IND	
COMPONENT DESCRIPTION	ISOMETRIC NO.	METHOD	REQUEST	MAT B	EXAM DATE	RESULTS	CREDIT TYP EXAM NOTES

Category : F-C
 Item Number: N/A

SI-13							
RIGID SUPPORT	ISI-PRI-1255	VT-3			05/10/91	P	Y N
SI-16							
RIGID SUPPORT	ISI-PRI-1255	VT-3			05/10/91	P	Y N
SI-26							
RIGID SUPPORT	ISI-PRI-1253	VT-3			05/10/91	P	Y
SI-27							
RIGID SUPPORT	ISI-PRI-1253	VT-3			05/10/91	P	Y R
SI-38							
RIGID SUPPORT	ISI-PRI-1255	VT-3			05/10/91	P	Y N
SI-49							
RIGID SUPPORT	ISI-PRI-1252	VT-3			05/10/91	P	Y
SI-51							
RIGID SUPPORT	ISI-PRI-1252	VT-3			05/10/91	P	Y

WISCONSIN ELECTRIC
 POINT BEACH NUCLEAR PLANT, UNIT 1
 Interval 3 Period 1 Outage 1
 EXREQ = #02-03

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COMPONENT IDENTIFICATION

COMPONENT DESCRIPTION

<u>ISI</u>	<u>EXAM</u>	<u>RELIEF</u>	<u>MATL A</u>	<u>PROGNO</u>	<u>IND</u>
<u>ISOMETRIC NO.</u>	<u>METHOD</u>	<u>REQUEST</u>	<u>MATL B</u>	<u>EXAMDATE</u>	<u>RESULTS</u>
				<u>CREDIT</u>	<u>TYP</u>
					<u>EXAM NOTES</u>

Category : F-C

Item Number: N/A

SI-64							
RIGID SUPPORT	ISI-PRI-1256	VT-3		05/10/91	P	Y	R
SI-66							
RIGID SUPPORT	ISI-PRI-1256	VT-3		05/10/91	P	Y	R
SI-69							
RIGID SUPPORT	ISI-PRI-1256	VT-3		05/10/91	P	Y	R
SI 72							
RIGID SUPPORT	ISI-PRI-1256	VT-3		05/10/91	P	Y	R
SI-75							
RIGID SUPPORT	ISI-PRI-1258	VT-3		05/10/91	P	Y	R

WISCONSIN ELECTRIC

POINT BEACH NUCLEAR PLANT, UNIT 1

Interval 3 Period 1 Outage 1

EXREQ = 803-03

Page No. 1

19/07/91

COMPONENT IDENTIFICATION	COMPONENT DESCRIPTION
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RELIEF REQUEST	MATL A	MATL B	EXAM DATE	RESULTS	CREDIT	PROGRAM AND	EXAM NOTES

PROGRAM
LMD

PROGRAM

CREDIT

RESULTS

EXAMPLE

MATL A MATL B

RELIEF
REQUEST

EXAMPLE

151

COMPONENT IDENTIFICATION

[illegible]

Category : SUPPORT

Item Number: ENERGY

EA-EB-2-1

ENERGY ABSORBER

ISI-PRI-1405

VT-3

06/11/91 P

1

WISCONSIN ELECTRIC
 POINT BEACH NUCLEAR PLANT, UNIT 1
 Interval 3 Period 1 Outage 1
 EXREQ = B04-03

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COMPONENT IDENTIFICATION	ISI ISOMETRIC NO.	EXAM METHOD	RELIEF REQUEST	MATERIAL MATERIAL A MATERIAL B	EXAM DATE	AFS/LIS CREDIT	PROGRAM IND	TYP	EXAM NOTES
SG-A-RWAY-INLET-BLT-01 THRU 16 MANWAY BOLTING	ISI-PRI-1202	MT		C	04/16/91	P	Y		
SG-A-RWAY-OUTLET-BLT-01 THRU 16 MANWAY BOLTING	ISI-PRI-1202	MT		C	04/16/91	P	Y		

Category : 8-G-2
 Item Number: 87.30

WISDOMSIN ELECTRIC
POINT BEACH NUCLEAR PLANT, UNIT 1
Interval 3 Period 1 Outage 1
EXREQ = P01-03

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COMPONENT IDENTIFICATION COMPONENT DESCRIPTION	ISI ISOMETRIC NO.	EXAM METHOD	RELIEF REQUEST	MATH A MATH B	EXAMDATE	RESULTS	PROGR		IND	EXAM NOTES
							CREDIT	TYP		
SI-41 RIGID SUPPORT	ISI-PRI-1255	VT-3			05/10/91	P	Y		R	
SI-65 RIGID SUPPORT	ISI-PRI-1256	VT-3			05/10/91	P	Y		R	
SI-67 RIGID SUPPORT	ISI-PRI-1256	VT-3			05/10/91	P	Y		R	
SI-68 RIGID SUPPORT	ISI-PRI-1256	VT-3			05/11/91	P	Y			
SI-70 RIGID SUPPORT	ISI-PRI-1256	VT-3			05/10/91	P	Y			
SI-71 RIGID SUPPORT	ISI-PRI-1256	VT-3			05/11/91	P	Y			
SI-76 RIGID SUPPORT	ISI-PRI-1258	VT-3			05/10/91	P	Y			
SI-77 RIGID SUPPORT	ISI-PRI-1258	VT-3			05/11/91	P	Y			
SI-78 RIGID SUPPORT	ISI-PRI-1258	VT-3			05/10/91	P	Y			
SI-79 RIGID SUPPORT	ISI-PRI-1258	VT-3			05/11/91	P	Y			
SI-81 RIGID SUPPORT	ISI-PRI-1259	VT-3			05/10/91	P	Y		R	
SI-84 RIGID SUPPORT	ISI-PRI-1259	VT-3			05/11/91	P	Y			

Category : F-C
Item Number: N/A

<u>COMPONENT IDENTIFICATION</u>	<u>ISI</u>	<u>EXAM</u>	<u>RELIEF</u>	<u>MATL A</u>		<u>PROGRM</u>	<u>IND</u>		
<u>COMPONENT DESCRIPTION</u>	<u>ISOMETRIC NO.</u>	<u>METHOD</u>	<u>REQUEST</u>	<u>MATL B</u>	<u>EXAMDATE</u>	<u>RESULTS</u>	<u>CREDIT</u>	<u>TYP</u>	<u>EXAM NOTES</u>
SI-85									
RIGID SUPPORT	ISI-PRI-1259	VT-3			05/10/91	P	Y	R	
SI-87									
RIGID SUPPORT	ISI-PRI-1259	VT-3			05/11/91	P	Y		

WISCONSIN ELECTRIC

POINT BEACH NUCLEAR PLANT, UNIT 1

Interval 3 Period 1 Outage 1

EXREQ = R02-03

Page No. 1

COMPONENT IDENTIFICATION

Category : F-C

51-73

RIGID SUPPORT

YSI	EXAM	RELIEF	MATL A	PROGRAM	IND

PROGRAM 1 MD

PEATL A

RELIEF

EXAM

ISI

EXAM NOTES

YYP

CREDIT

RESULTS

EXAMDATE

WATL B

REQUEST

METHOD

ISOMETRIC NO.

RE-EXAM DUE TO IDR 7-P-010.

A

05/16/91 P

vi-3

ISI-PRI-1258

WISCONSIN ELECTRIC
 POINT BEACH NUCLEAR PLANT, UNIT 1
 Interval 3 Period 1 Outage 1
 EXREQ = R03-03

COMPONENT IDENTIFICATION
COMPONENT DESCRIPTION

Category : F-C
 Item Number: N/A

<u>ISI</u>	<u>EXAM</u>	<u>RELIEF</u>	<u>MATL A</u>	<u>PROGRAM</u>	<u>IND</u>
<u>ISOMETRIC NO.</u>	<u>METHOD</u>	<u>REQUEST</u>	<u>MATL B</u>	<u>CREDIT</u>	<u>TYP</u>
ISI-PRI-1257	VT-3			Y	

SI-80
 RIGID SUPPORT

RE-EXAM DUE TO IDR 7-P-011.

05/16/91 P Y

VT-3

ISI-PRI-1257

5.0 SYSTEM PRESSURE TESTS

The following is a table which summarizes the System Pressure tests performed during U1R18. Each test was performed in accordance with an approved procedure. A record of these procedures is maintained in the PBNP Operations completed procedures file.

SYSTEM PRESSURE TESTS

PROCEDURE NO.	REV.	TITLE	DATE COMPLETED	INSPECTION DATA SHEET NO(S)
IT-230	15	Leak Test of Class 1 Components Following a Refueling Shutdown, U1	05/15/91	750-P-130 and 750-P-131
IT-1020, Part 1	6	10-Year Pressure Test of Main Steam and Main Feed Systems, U1	04/11/91	750-P-008
IT-1020, Part 2	0	10-Year Hydrostatic Test of the Radwaste Steam System, U1	05/03/91	750-P-087
IT-1190, Part 2A	0	10-Year Hydrostatic Test of the RHR System (Trains "A" and "B"), U1	04/06/91	750-P-006
IT-1190, Part 2B	0	10-Year Hydrostatic Test of the RHR System (Train "B" Discharge Header), U1	05/16/91	750-P-124
IT-1190, Part 3	0	10-Year Hydrostatic Test of the Containment Sump B Suction Line, U1	04/13/91	750-P-019 and 750-P-025
IT-1181, Part 1	0	10-Year Hydrostatic Test of EDG Fuel Oil System (Emergency Fuel Tank Portion)	09/25/90	750-P-002
IT-1181, Part 2	0	10-Year Hydrostatic Test of Emergency Diesel Generator Fuel Oil System (HB-22 Piping Portion)	10/02/90	750-P-004
IT-1181, Part 3	0	10-Year Hydrostatic Test of Emergency Diesel Generator Fuel Oil System (Day Tank T-31A Portion)	09/25/90	750-P-001
IT-1181, Part 4	0	10-Year Hydrostatic Test of Emergency Diesel Generator Fuel Oil System (Day Tank T-31B Portion)	10/01/90	750-P-003
CL-230	1	Checklist for JS Leak Test	04/06/91	750-P-005

NOTES: IT-1190, Parts 1, 4, 5 and 6 were completed during U1R17.

CL-230 was used to inspect for leakage during the cooldown phase of the refueling outage.

All pressure tests shown above were conducted in order to complete second inspection interval requirements except for IT-230 and CL-230.