

Wisconsin Electric Power Co.
231 West Michigan Avenue
Milwaukee, WI 53201
Point Beach Nuclear Plant, Unit 1
6610 Nuclear Road
Two Rivers, WI 54241
Docket 50-266
Commercial Service Date 12/21/70

UNIT 1 REFUELING 23

INSERVICE INSPECTION SUMMARY REPORT

FOR

FORM NIS-1

Written by: Chay + Proctor Date: July 30, 1996

Reviewed by: J. L. Velt Date: 7/31/96

Approved by: Tom Stasko Date: 8-2-96

Acronyms

ASME American Society of Mechanical Engineers

CR	Condition Report
IDR	Indication Disposition Report
IN	Information Notice
ISI	Inservice Inspection
LTP	Long Term Plan
MT	Magnetic Particle Examination
MR	Modification Request
NDE	Nondestructive Examination
NRC	Nuclear Regulatory Commission
PBNP	Point Beach Nuclear Plant
PT	Dye Penetrant Examination
QTS	Quality Technical Services
RT	Radiographic Examination
RRM	Repair/Replacement/Modification
UT	Ultrasonic Examination
VT	Visual Examination
WE	Wisconsin Electric Power Company
WO	Work Order

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UNIT 1 REFUELING 23 **INSERVICE INSPECTION SUMMARY**

1.0 INTRODUCTION

From May 10, 1995 through May 9, 1996, non-destructive examinations of selected components at PBNP Unit 1 were performed. These examinations constitute the third examination of the second period, of the third 10-year interval at PBNP Unit 1. The time interval for this examination period included the Unit 1 Refueling 23 outage (U1R23) that ran from March 30 to April 24, 1996.

2.0 ABSTRACT OF EXAMINATIONS

2.1 Code Cases and Interpretations

This report and examinations were completed applying the following:

- 2.1.1 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.
- 2.1.2 Code Case N-460
- 2.1.3 Code Case N-448
- 2.1.4 Code Case N-481

2.2 Determination of Scope

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

- 2.2.1 PBNP FSAR, Technical Specification Section 15.4.2.B
- 2.2.2 Unit 1 Inservice Inspection Long Term Plan for the Third Inspection Interval
- 2.2.3 NRC IE Bulletin 82-02
- 2.2.4 Requests of PBNP Personnel

2.3 Scope of Component Examinations

Items from the following components and system areas were examined with NDE techniques by WE (QTS), and Professional Welding Associates (PWA) personnel.

A and B Reactor Coolant Pumps

Regenerative Heat Exchanger

Class 1 and 2 Piping Welds

Class 1, 2, and 3 Pipe Supports

2.4 Completed Component/Weld Examinations

2.4.1 Explanation of ISI Database fields/entries used in NIS-1 report.

CODE or HEADING	DESCRIPTION
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EXAM TYPE	The field that defines the requirement or reason that an examination was performed.
86E-03	Examinations performed in accordance with the 1986 Edition, no addenda, of ASME Section XI, for the Third Inspection Interval.
B03-03	Augmented Examinations performed on the Main Steam Bypass Line Energy Absorbers
B04-03	Augmented Examinations performed on Threaded Fasteners in accordance with IEB 82-02.
B07-03	Augmented Examination Performed on Steam Generator Feedwater Nozzles in accordance with CR 92-004.
E01-03	Examinations performed per Code Case N-481.
P22-03	Preservice exam for RRM 96-0001.

P23-03	Preservice exam for RRM 95-0009.
P24-03	Preservice exam for RRM 94-0085.
R18-03	Re-examination after re-work per WO 9603986, reference IDR 96U1-7P002.
R19-03	Re-examination after re-work per WO 9603987, reference IDR 96U1-7P005.
R20-03	Re-examination after re-work per WO 9603985, reference IDR 96U1-7P003.
R21-03	Re-examination after re-work per WO 9603984, reference IDR 96U1-7P004.
R22-03	Re-examination after re-work per WO 9603845, reference IDR 96U1-7P001.
X02-03	Examination of FW-H11 to characterize indication discovered in IDR 96U1-7P006.
Ind Typ	A description of indications (i.e., N = no indications, R = recordable indications, I = insignificant or non-relevant indications, G = geometry).
Results	Indicates the outcome of a particular exam. P = Pass C = Conditionally Accepted F = Fail N = No examination performed
Program Credit	Indicates whether ASME Section XI credit (IWX-2410) has been taken for the exam. Augmented or other examinations not performed for an ASME Section XI requirement will be indicated by an N. Examinations completed for additional, successive, or preservice examination requirements will also be indicated by an N even though they were performed for an ASME Section XI requirement.
2.4.2	Following are database printouts that summarize the ISI examinations that were performed during the Unit 1 Refueling 21 outage.

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**U1R22 Examinations
(Pages 7-1 through 7-13)**

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COMPONENT IDENTIFICATION COMPONENT DESCRIPTION ITEM ISOMETRIC RELIEF MATERIAL A & B				METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
DIA. THICKNESS										
=====										
*RC-36-MRCL-AII-03				PT	86E-03	03/15/95	95U1-451P010	P	Y	N
PIPE TO ELBOW				UT	86E-03	03/16/95	95U1-167P001	P	Y	G
B9.11	ISI-PRI-1120	36.00	3.000							
	SS									
Limited examination due to configuration of piping and elbow. Coverage obtained was 100% from the pipe side and 86.2% from the elbow side. Unable to get two beam coverage from one side because of cast stainless steel.										
Examination "essentially 100%" in accordance with Code Case N-460.										
<hr/>										
2H6				VT-3	86E-03	03/28/96	96U1-754P022	P	Y	N
RIGID SUPPORT										
F1.30B	ISI-PRI-1354	3.00								
<hr/>										
2H7				VT-3	86E-03	03/28/96	96U1-754P023	P	Y	N
RIGID SUPPORT										
F1.30B	ISI-PRI-1354	3.00								
<hr/>										
2H9				VT-3	86E-03	03/28/96	96U1-754P021	P	Y	N
RIGID SUPPORT										
F1.30A	ISI-PRI-1354	3.00								
<hr/>										
3-H10				VT-3	86E-03	03/28/96	96U1-754P008	P	Y	N
RIGID SUPPORT										
F1.30A	ISI-PRI-1353	3.00								
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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
=====										
3-H11 RIGID SUPPORT F1.30B	ISI-PRI-1353	3.00		VT-3	86E-03	03/28/96	96U1-754P009	P	Y	N
3-H12 PIPE HANGER F1.30A	ISI-PRI-1353	3.00		VT-3	86E-03	03/28/96	96U1-754P007	P	Y	N
3-H14 PIPE HANGER F1.30A	ISI-PRI-1352	4.00		VT-3 VT-3	86E-03 R21-03	03/28/96 04/23/96	96U1-754P005 96U1-754P046	F P	Y N	R N
3-H15 PIPE HANGER F1.30A	ISI-PRI-1352	4.00		VT-3	86E-03	03/28/96	96U1-754P006	P	Y	N
3-H16 PIPE HANGER F1.30A	ISI-PRI-1353	3.00		VT-3 VT-3	86E-03 R20-03	03/28/96 04/23/96	96U1-754P004 96U1-754P045	F P	Y N	R N
3-H17 PIPE HANGER F1.30A	ISI-PRI-1353	3.00		VT-3 VT-3	86E-03 R19-03	03/28/96 04/23/96	96U1-754P003 96U1-754P044	F P	Y N	R N

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COMPONENT DESCRIPTION					TYPE	DATE	SHEET		CREDIT	TYP
ITEM	ISOMETRIC	DIA.	THICKNESS							
RELIEF	MATERIAL A & B									
=====										
3-H2 RIGID SUPPORT F1.30A	ISI-PRI-1352	4.00		VT-3	86E-03	03/28/96	96U1-754P014	P	Y	N
<hr/>										
3-H3 RIGID SUPPORT F1.30A	ISI-PRI-1352	4.00		VT-3	86E-03	03/28/96	96U1-754P015	P	Y	N
<hr/>										
3-H5 RIGID SUPPORT F1.30A	ISI-PRI-1352	4.00		VT-3	86E-03	03/28/96	96U1-754P016	P	Y	N
<hr/>										
3-H6 RIGID SUPPORT F1.30B	ISI-PRI-1353	3.00		VT-3	86E-03	03/28/96	96U1-754P010	P	Y	N
<hr/>										
3-H7 RIGID SUPPORT F1.30A	ISI-PRI-1353	3.00		VT-3	86E-03	03/28/96	96U1-754P011	P	Y	N
<hr/>										
3-H8 RIGID SUPPORT F1.30B	ISI-PRI-1353	3.00		VT-3	86E-03	03/28/96	96U1-754P012	P	Y	N
<hr/>										

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COMPONENT IDENTIFICATION			METHOD	EXAM TYPE	EXAM DATE	EXAM DATA SHEET	RESULTS	PROGRAM CREDIT	IND TYP
COMPONENT DESCRIPTION									
ITEM	ISOMETRIC MATERIAL A & B								
DIA. THICKNESS			=====						
3-H9 RIGID SUPPORT F1.30A	ISI-PRI-1353	3.00	VT-3	86E-03	03/28/96	96U1-754P013	P	Y	N
<hr/>									
6H-05 PIPE SUPPORT F1.20C	ISI-PRI-1225	8.00 0.000	VT-3	86E-03	04/10/96	96U1-754P036	P	Y	N
<hr/>									
6H-19 SPRING HANGER F1.20C	ISI-PRI-1248	6.00 0.000	VT-3	86E-03	04/16/96	96U1-754P040	P	Y	N
<hr/>									
6H-29 SPRING HANGER F1.20C	ISI-PRI-1247	6.00 0.000	VT-3	86E-03	04/02/96	96U1-754P024	P	Y	I
<hr/>									
A-11 ANCHOR F1.30B	ISI-PRI-1329	8.00 0.000	VT-3	86E-03	04/10/96	96U1-754P031	P	Y	N

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COMPONENT DESCRIPTION					TYPE	DATE	SHEET		CREDIT	TYP
ITEM	ISOMETRIC	DIA.	THICKNESS							
RELIEF	MATERIAL A & B									
CH-01 SPRING HANGER F1.10C	ISI-PRI-1138	3.00	0.000	VT-3	86E-03	04/06/96	96U1-754P029	P	Y	N
EB9-13 SPRING HANGER F1.20C	ISI-PRI-1246	16.00	0.000	VT-3 VT-3	86E-03 R22-03	04/02/96 04/18/96	96U1-754P025 96U1-754P042	F P	Y N	R N
FW-H01 SPRING HANGER F1.20C	ISI-PRI-1245	16.00	0.000	VT-3	86E-03	04/02/96	96U1-754P026	P	Y	N
FW-H02 SPRING HANGER F1.20C	ISI-PRI-1245	16.00	0.000	VT-3	86E-03	04/03/96	96U1-754P027	P	Y	I
FW-H07 RIGID SUPPORT F1.20B	ISI-PRI-1244	16.00	0.000	VT-3	86E-03	04/10/96	96U1-754P036	P	Y	I
FW-H11 CONSTANT SUPPORT F1.20C	ISI-PRI-1246	16.00	0.000	VT-3	X02-03	04/10/96	96U1-754P030	P	N	I

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COMPONENT DESCRIPTION					TYPE	DATE	SHEET		CREDIT	TYP
ITEM	ISOMETRIC	DIA.	THICKNESS							
RELIEF	MATERIAL A & B									
=====										
H-19				VT-3	P22-03	04/11/96	96U1-754P037	P	N	N
RIGID SUPPORT										
F1.20C	ISI-PRI-1242	30.00	0.000							
<hr/>										
H20				VT-3	86E-03	03/28/96	96U1-754P020	P	Y	N
RIGID SUPPORT										
F1.30B	ISI-PRI-1354	3.00								
<hr/>										
H21				VT-3	86E-03	03/28/96	96U1-754P002	F	Y	R
PIPE HANGER				VT-3	R18-03	04/23/96	96U1-754P043	P	N	N
F1.30A	ISI-PRI-1354	3.00								
<hr/>										
H2A				VT-3	86E-03	03/28/96	96U1-754P017	P	Y	N
RIGID SUPPORT										
F1.30A	ISI-PRI-1352	4.00								
<hr/>										
HAA				VT-3	86E-03	03/28/96	96U1-754P019	P	Y	N
RIGID SUPPORT										
F1.30B	ISI-PRI-1354	3.00								
<hr/>										
HBB1				VT-3	86E-03	03/28/96	96U1-754P018	P	Y	N
RIGID SUPPORT										
N/A	ISI-PRI-1354	3.00								
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ITEM	DESCRIPTION									
RELIEF	ISOMETRIC MATERIAL A & B									
=====										
MS-06-MSR-1001-04R				MT	P24-03	04/08/96	936266	P	N	N
PIPE TO VALVE MS-2016										
C5.51A	ISI-PRI-1242	6.00	0.280							
<hr/>										
MS-06-MSR-1002-04R				MT	P24-03	04/16/96	936265	P	N	N
PIPE TP VALVE MS-2015										
C5.51A	ISI-PRI-1243	6.00	0.280							
<hr/>										
MS-30-MS-1001-08LDI				MT	86E-03	04/05/96	96U1-350P002	P	Y	N
INSIDE DOWNSTREAM LONG WELD				UT	86E-03	04/05/96	96U1-161P002	P	Y	N
C5.52	ISI-PRI-1240	30.00	0.908							
	CC									
<hr/>										
MS-30-MS-1001-08LDO				MT	86E-03	04/05/96	96U1-350P003	P	Y	N
OUTSIDE DOWNSTREAM LONG WELD				UT	86E-03	04/05/96	95U1-161P003	P	Y	N
C5.52	ISI-PRI-1240	30.00	0.908							
	CC									
<hr/>										
MS-30-MS-1001-08LU				MT	86E-03	04/05/96	96U1-350P001	P	Y	N
UPSTREAM LONG WELD				UT	86E-03	04/05/96	96U1-161P001	P	Y	N
C5.52	ISI-PRI-1240	30.00	0.908							
	CC									
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DIA. THICKNESS										
=====										
MS-30-MS-1001-10LDI				MT	86E-03	04/05/96	96U1-350P005	P	Y	N
INSIDE DOWNSTREAM LONG WELD				UT	86E-03	04/05/96	96U1-161P005	P	Y	N
C5.52	ISI-PRI-1240	30.00	0.908							
	CC									

MS-30-MS-1001-10LDO				MT	86E-03	04/05/96	96U1-350P006	P	Y	N
OUTSIDE DOWNSTREAM LONG WELD				UT	86E-03	04/05/96	96U1-161P006	P	Y	N
C5.52	ISI-PRI-1240	30.00	0.908							
	CC									

MS-30-MS-1001-10LU				MT	86E-03	04/05/96	96U1-350P004	P	Y	N
UPSTREAM LONG WELD				UT	86E-03	04/05/96	96U1-161P004	P	Y	N
C5.52	ISI-PRI-1240	30.00	0.908							
	CC									

PSR-007-3				VT-3	86E-03	04/03/96	96U1-754P028	P	Y	N
RIGID SUPPORT										
F1.30B	ISI-PRI-1336	10.00								

R-204				VT-3	P23-03	03/16/95	95U1-754P084	P	N	N
RIGID SUPPORT										
F1.30B	ISI-PRI-1330	8.00	0.000							

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DIA. THICKNESS										
=====										
RC-08-DR-1001-01 BRANCH CONN TO PIPE B9.11 ISI-PRI-1146 SS				UT	86E-03	04/05/96	96U1-161P008	P	N	N
		8.00	0.820							
RC-14 VARIABLE SPRING F1.10C ISI-PRI-1135				VT-3	86E-03	04/13/96	96U1-754P038	P	Y	N
		3.00	0.000							
RC-15 VARIABLE SPRING F1.10C ISI-PRI-1135				VT-3	86E-03	04/12/96	96U1-754P039	F	Y	N
		3.00	0.000							
RC-36-MRCL-AII-03L ELBOW LONG SEAM WELD B9.12 ISI-PRI-1120 RR-1-16 SS				UT	86E-03	04/06/96	96U1-167P001	P	Y	N
		36.00								
RC-36-MRCL-BII-DR-BC 8-IN BRANCH CONN B9.31 ISI-PRI-1121 SS				UT	86E-03	04/05/96	96U1-161P007	P	Y	I
		36.00	3.000							

Examination from branch connection side. Pipe side examination completed in outage 02.

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RELIEF	ISOMETRIC MATERIAL A & B									
=====										
RCP-A-BLT-02 PUMP BOLTING B6.180	ISI-PRI-1110	3.50	30.562	UT	86E-03	04/12/96	96U1-169P002	P	Y	N
RCP-A-BLT-02-NUT NUTS BUSHINGS AND WASHERS B6.200	ISI-PRI-1110	3.50	30.562	VT-1	86E-03	04/02/96	96U1-750P002	P	Y	N
RCP-A-BLT-05 PUMP BOLTING B6.180	ISI-PRI-1110	3.50	30.562	UT	86E-03	04/12/96	96U1-169P003	P	Y	N
RCP-A-BLT-05-NUT NUTS BUSHINGS AND WASHERS B6.200	ISI-PRI-1110	3.50	30.562	VT-1	86E-03	04/02/96	96U1-750P003	P	Y	N
RCP-A-BLT-08 PUMP BOLTING B6.180	ISI-PRI-1110	3.50	30.562	UT	86E-03	04/12/96	96U1-169P004	P	Y	N
RCP-A-BLT-08-NUT NUTS BUSHINGS AND WASHERS B6.200	ISI-PRI-1110	3.50	30.562	VT-1	86E-03	04/02/96	96U1-750P004	P	Y	N

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DIA. THICKNESS										
=====										
RCP-A-BLT-11 PUMP BOLTING B6.180 ISI-PRI-1110			3.50 30.562	UT	86E-03	04/12/96	96U1-169P005	P	Y	N
RCP-A-BLT-11-NUT NUTS BUSHINGS AND WASHERS B6.200 ISI-PRI-1110			3.50 30.562	VT-1	86E-03	04/02/96	96U1-750P005	P	Y	N
RCP-A-BLT-14 PUMP BOLTING B6.180 ISI-PRI-1110			3.50 30.562	UT	86E-03	04/12/96	96U1-169P006	P	Y	N
RCP-A-BLT-14-NUT NUTS BUSHINGS AND WASHERS B6.200 ISI-PRI-1110			3.50 30.562	VT-1	86E-03	04/02/96	96U1-750P006	P	Y	N
RCP-A-BLT-17 PUMP BOLTING B6.180 ISI-PRI-1110			3.50 30.562	UT	86E-03	04/12/96	96U1-169P007	P	Y	N
RCP-A-BLT-17-NUT NUTS BUSHINGS AND WASHERS B6.200 ISI-PRI-1110			3.50 30.562	VT-1	86E-03	04/02/96	96U1-750P007	P	Y	N

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ITEM	ISOMETRIC	DIA.	THICKNESS							
RELIEF	MATERIAL A & B									
=====										
RCP-A-BLT-19				UT	86E-03	04/12/96	96U1-169P008	P	Y	N
PUMP BOLTING										
B6.180	ISI-PRI-1110	3.50	30.562							
ATTEMPTED EXAMINATION IN OUTAGE 03. SURFACE PREPARATION REQUIRED SO BOLT #20 EXAMINED AND THIS BOLT EXAM DEFERRED.										

RCP-A-BLT-19-NUT				VT-1	86E-03	04/02/96	96U1-750P008	P	Y	N
NUTS BUSHINGS AND WASHERS										
B6.200	ISI-PRI-1110	3.50	30.562							

RCP-A-BLT-23				UT	86E-03	04/12/96	96U1-169P009	P	Y	N
PUMP BOLTING										
B6.180	ISI-PRI-1110	3.50	30.562							

RCP-A-BLT-23-NUT				VT-1	86E-03	04/02/96	96U1-750P009	P	Y	N
NUTS BUSHINGS AND WASHERS										
B6.200	ISI-PRI-1110	3.50	30.562							

RCP-A-CASE-EXT				VT-2	E01-03	04/21/96	96U1-753P006	P	N	N
PUMP CASING EXTERIOR										
B15.60	ISI-PRI-1109	0.00	0.000							
RR-1-13	S									

Wisconsin Electric Power Company
231 West Michigan Avenue
Milwaukee, Wisconsin 53201

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

Docket 50-266
Commercial Service Date 12/21/70

COMPONENT IDENTIFICATION				METHOD	EXAM	EXAM	EXAM DATA	RESULTS	PROGRAM	IND
COMPONENT DESCRIPTION					TYPE	DATE	SHEET		CREDIT	TYP
ITEM	ISOMETRIC	DIA.	THICKNESS							
RELIEF	MATERIAL A & B									
=====										
RCP-B-CASE-EXT				VT-2	E01-03	04/21/96	96U1-753P006	P	N	N
PUMP CASING EXTERIOR										
B15.60	ISI-PRI-1109	0.00	0.000							
RR-1-13										

RHE-01				UT	86E-03	04/04/96	96U1-166P001	P	Y	I
HEAD TO SHELL										
B2.51	ISI-PRI-1107	9.25	0.875							
RR-1-12										

* Examination completed during second outage of second period of third interval. Examination Data is a revision to last NIS-1 report.

2.5 Pressure Tests

2.5.1 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 Point Beach Nuclear Plant's Pressure Test program utilizes Code Case N-498 for pressure tests on ASME Class 1 and 2 systems.

TEST DESCRIPTION: 40 Month Inservice Pressure Test of the Safety Injection System and Residual Heat Removal System (Train A).

SYSTEM: Safety Injection and Residual Heat Removal
TEST DOCUMENTS: IT-530A
COMPLETION DATE: March 27, 1996

TEST DESCRIPTION: 40 Month Inservice Pressure Test of the Safety Injection System and Residual Heat Removal System (Train B).

SYSTEM: Safety Injection and Residual Heat Removal
TEST DOCUMENTS: IT-530B
COMPLETION DATE: March 28, 1996

TEST DESCRIPTION: 40 Month Inservice Pressure Test of Containment Sump B Suction Line.

SYSTEM: Residual Heat Removal
TEST DOCUMENTS: IT-531
COMPLETION DATE: April 8, 1996

TEST DESCRIPTION: 40 Month Inservice Pressure Test of Containment Spray.

SYSTEM: Safety Injection
TEST DOCUMENTS: IT-05
COMPLETION DATE: April 20, 1996

TEST DESCRIPTION: 40 Month Inservice Pressure Test of Class 2 Portion of Main and Auxiliary Feedwater.

SYSTEM: Feedwater
TEST DOCUMENTS: IT-08A

COMPLETION DATE: April 24, 1996

TEST DESCRIPTION: System Leakage Test of Class 1 Components Following Refueling Outage (Unit 1).

SYSTEM: Reactor Coolant
TEST DOCUMENTS: IT-230
COMPLETION DATE: April 21, 1996

2.6 Snubber Surveillance Tests

2.6.1 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.

DESCRIPTION: Snubber Inservice Test for Snubbers Less than 50 kips (Unit 1)

SNUBBER HS-15
TEST DOCUMENTS: WO 9513536
COMPLETION DATE: April 14, 1996

SNUBBER HS-16
TEST DOCUMENTS: WO 9513531
COMPLETION DATE: April 9, 1996

SNUBBER HS-2501R-51
TEST DOCUMENTS: WO 9513535
COMPLETION DATE: April 12, 1996

3.0 ABSTRACT OF CONDITIONS NOTED AND CORRECTIVE MEASURES TAKEN

3.1 Component/Weld

Nondestructive examinations were performed by QTS NDE 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 is a summary of the recordable indications found during the examinations and evaluated by PBNP personnel.

96U1-7P001, Class 2 Spring Hanger, EB9-13

Datasheet 96U1-754P025, Drawing No. ISI-PRI-1246

Indication: Debris inside canister and cold load setting below required range

Disposition: Work order to remove debris and adjust setting

This support was previously examined in the second 10 year interval with no reportable indications. The procedures for inspection during this period did not require comparison of setting to a required range. The setting on the spring can was essentially the same as was found during the last 10 year inspection setting. The debris did not affect the operation of the spring can. A work order was written to remove the debris and adjust the setting of the spring can.

96U1-7P002, Class 3 Pipe Hanger, H21

Datasheet 96U1-754P002, Drawing No. ISI-PRI-1354

Indication: Hanger supports no load and a nut on the middle section of the hanger was loose

Disposition: Tighten loose nuts and adjust load on support

This support was recently added to the program and not previously inspected. A work order was issued to correct the discrepancies. All supports on this system were inspected during this inspection outage therefore all additional examination requirements were met. This support will be subject to successive inspection requirements during the next inspection period.

96U1-7P003, Class 3 Pipe Hanger, 3-H16

Datasheet 96U1-754P004, Drawing ISI-PRI-1353

Indication: No load on hanger and clevis nuts were loose

Disposition: Tighten clevis nuts and adjust load on hanger

This support was recently added to the program and not previously inspected. A work order was issued to correct the discrepancies. All supports on this system were inspected during this inspection outage therefore all additional examination requirements were met. This support will be subject to successive inspection requirements during the next inspection period.

96U1-7P004, Class 3 Pipe Hanger, 3-H14

Datasheet 96U1-754P005, Drawing ISI-PRI-1352

Indication: No load on pipe hanger

Disposition: Adjust load on support

This support was recently added to the program and not previously inspected. A work order was issued to correct the discrepancy. All supports on this system were inspected during this inspection outage therefore all additional examination requirements were met. This support will be subject to successive inspection requirements during the next inspection period.

96U1-7P005, Class 3 Pipe Hanger, 3-H17
Datasheet 96U1-754P003, Drawing ISI-PRI-1353
Indication: Upper nut on clevis clamp is loose
Disposition: tighten nut on clevis

This support was recently added to the program and not previously inspected. A work order was issued to correct the discrepancy. All supports on this system were inspected during this inspection outage therefore all additional examination requirements were met. This support will be subject to successive inspection requirements during the next inspection period.

96U1-7P006, Class 2 Spring Hanger, FW-H02
Datasheet 96U1-754P027, Drawing ISI-PRI-1245
Indication: A bend in the support rod and loose travel stops
Disposition: Accept as is

This support was previously examined during U1R12 with the loose travel stops identified but, with no mention of the bend in the support arm. The travel stops are required to be loose by design and are only tightened when the support is required to be removed from the system for maintenance. The bend in the arm is per design and is properly identified on design drawings and is acceptable. Therefore the indication is considered non-relevant per IWF-3410(b)(6). No additional or successive examinations are required.

96U1-7P007, Class 2 Constant Support, FW-H11
Datasheet 96U1-754P030, Drawing ISI-PRI-1246
Indication: A bend in the support rod and loose travel stops
Disposition: Accept as is

This support was previously examined during U1R11 with the loose travel stops identified but, with no mention of the bend in the support arm. The travel stops are required to be loose by design and are only tightened when the support is required to be removed from the system for maintenance. The bend in the arm is per design and is properly identified on design drawings and is acceptable. Therefore the indication is considered non-relevant per IWF-3410(b)(6). No additional or successive examinations are required.

96U1-7P008, Class 2 Spring Hanger, 6H-29
Datasheet 96U1-754P024, Drawing ISI-PRI-1247
Indication: Canister off center of slide plate by 1-1/2"
Disposition: Accept as is

This support was previously examined during U1R13 with no recordable indications. However, since there is no apparent damage to the support procedures at this time would not have required this condition to be recorded. The off center plate was identified and documented during NRC IEB 79-14 walkdowns and was found acceptable. Therefore the indication meets the acceptance criteria of ASME Section XI. No additional or successive examinations are required.

3.2 Pressure Tests

No corrective actions required.

3.3 Snubber Surveillance Tests

Tests were acceptable, no corrective actions required.