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ISI SUMMARY REPORT RF91A

INSERVICE INSPECTION SUMMARY REPORT
FOR
REFUELING OUTAGE RF91A
AUGUST 8, 1990 TO SEPTEMBER 30, 1991.

OWNER: Washington Public Power Supply System
3000 George Washington Way
Richland, Washington 99352

PLANT: WNP-2, located 11 miles north of Richland, Washington
on the U.S. Department of Energy Hanford Reservation

COMMERCIAL SERVICE DATE: December 13, 1984

CAPACITY: 1145 MWe

REACTOR PRESSURE VESSEL: Manufacturer: CBIN Serial Number: T-45
State No.: 29936-84W Nat'l Bd. No.: 8

Prepared by: O. Jones Repair Supls.
ISI Engr. Repair/Replacement Engr.

12/6/91
Date

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Date

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Manager, Plant Quality Assurance

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Plant Manager

12/12/91
Date

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Authorized Nuclear Inspector-Inservice

12/13/91
Date

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EXAMINATION RESULTS

This report summarizes the results of inservice inspections (ISI) of ASME Code Class 1, 2 and 3 components and supports performed at Washington Public Power Supply System (Supply System) Nuclear Plant No. 2 (WNP-2) between August 8, 1990 and September 30, 1991. During this period, WNP-2 experienced one major scheduled outage, RF91A, for refueling (Spring 1991). Refueling Outage RF91A is the sixth refueling outage for WNP-2 and is also referred to as R-6 or R6.

The ISI Periods and Outages for the First Interval, covering 12/13/84 to 12/13/94, are as follows:

<u>Inspection Period</u>	<u>Refueling¹ Outage</u>	<u>From</u>	<u>To</u>
1		<u>12/13/84</u>	<u>09/15/88</u>
	RF86A (R1)	03/31/86	06/10/86
	RF87A (R2)	04/13/87	06/25/87
	RF88A (R3)	05/02/88	06/27/88
2		<u>09/16/88</u>	<u>09/30/91²</u>
	RF89A (R4)	04/28/89	06/30/89
	RF90A (R5)	04/21/90	08/07/90
	RF91A (R6)	04/15/91	09/30/91
3		<u>10/01/91²</u>	<u>12/13/94</u>
	RF92A (R7)	04/18/92	07/01/92
	RF93A (R8)	04/15/93	06/15/93
	RF94A (R9)	04/15/94	06/15/94

(1) Assumes one refueling or maintenance outage each year. Actual timing of the spring outages for RF92A-RF94A may vary due to BPA's hydroelectric capacity or outage scope. Corresponding sequential outage designations concurrently used at WNP-2, are shown in parenthesis.

(2) R6 outage was extended.

The ISI examinations are specified in ASME Section XI and required by 10CFR50.55a. In addition, the following examinations were performed to meet augmented Nuclear Regulatory Commission (NRC) requirements:

- o one RPV feedwater nozzle inner radius (N4-330)
- o pipe break exclusion areas (high energy lines penetrating containment, but not within ASME Section XI examination boundaries)
- o IGSCC (intergranular stress corrosion cracking) detection in Code Class 1 stainless steel welds, based on Generic Letter 88-01.

The examinations comply with ASME Section XI, 1980 Edition, Winter 1980 Addenda upgraded as follows:

IWA-2300(a)(1) upgraded to 1983W83
 C-F upgraded to 1983W83
 IWF-3400 upgraded to 1980W81

Documentation supporting this Summary Report is included in the WNP-2 ISI Program Plan or is located in the WNP-2 Operations File. Table II lists all ASME Section XI, Augmented and non-Code (N/A) examinations completed during this outage. Appendix B contains a more detailed summary of all examination results by System/ISI Drawing. The ISI drawings referenced are included in the ISI Program Plan previously submitted to the NRC.

The examinations, tests, repairs and replacements were witnessed or verified by Authorized Nuclear Inspector-Inservice (ANI-I) D. E. Hoggarth. He is employed by Factory Mutual Systems, a subsidiary of Arkwright Mutual Insurance Company, Norwood, Massachusetts.

COMPONENTS EXAMINED

The following components were examined:

<u>Component</u>	<u>Manufacturer</u>	<u>Serial Number</u>	<u>National Board No.</u>
RPV	CBIN Nuclear 2700 Channel Ave. Memphis, TN	T-45	8
MS-RV-1B	Rockwell Mfg. Co. 1900 S. Saunders Street Raleigh, NC	N63790-00-0045	--

The following number of components were examined during RF91A:

TYPE OF EXAMINATION PERFORMED¹

	<u>UT</u>	<u>PT/MT</u>	<u>VT</u>	<u>TESTING</u>
<u>CODE CLASS 1</u>				
Piping Welds	20	21	--	--
Welded Attachments	--	2	--	--
RPV Nozzle IR/Bore	2	0	--	--
RPV Studs/Nuts	12	12	--	--
Bolting	--	--	6	--
Valves	--	--	1	--
Component Supports	--	--	43	--
Leak Tested Systems	--	--	34 ²	--

CODE CLASS 2

Piping Welds	1(PSI)	8 ¹	--	--
Welded Attachments	--	1	1	--
Component Supports	--	--	48	--
Leak Tested Systems	--	--	17 ²	--

CODE CLASS 3

Piping Welds	3(PSI)	0	--	--
Welded Attachments	--	0	9	--
Component Supports	--	--	72	--
Leak Tested Systems	--	--	35 ²	--

TESTING

Safety-related Snubbers	--	--	--	37
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Notes: (1) Includes five Augmented exams and three PSI exams of replacements/repairs.

(2) Leak test numbers are for the main system lines, as reported by Ident. No. containing (L) in Table II and Appendix A. They are based on ISI Pressure Boundary Dwgs. and include all smaller lines, components at connections, valve packings and lines out to instrumentation tubing.

PIPING EXAMINATIONS

Thirty-one (31) Class 1, 2 and Augmented piping welds received volumetric and/or surface examinations. Ultrasonic examination was used for the volumetric method. Dye penetrant or magnetic particle examination was used for the surface method.

EXAMINATION OF RPV INTERNALS

The reports for the RPV internal examinations are maintained at the site and are available for review. The reports contain a description of the equipment used.

Visual examination with an underwater closed circuit TV system showed the remaining two surveillance specimen holders at Azimuth 20 and 320 to be intact. A new specimen holder, including specimens recovered from the failed one at R-4 (RF89A Summary Report), was installed at Azimuth 120 to replace the one that had broken off.

Examination of RPV internal components which do not fall under the ASME Sect. XI Code Category or NRC Augmented examinations are shown at the end of Table II under Code-Cat. N/A. Ultrasonic and visual examinations of the Jet Pump Holddown Beams were acceptable. However, a VT-3 visual examination was performed on the beams instead of the VT-1, as listed in the R-6 ISI Outage Plan (PER 291-0499). The VT-3 examination showed that no physical damage or abnormal conditions existed in the beams and that the beam and keeper were positioned properly. The VT-1 examination, which is a more definitive visual examination than the VT-3, would also have included a detailed examination for cracks in the beams, bolt keeper lock welds and lock plate pin lock welds. A VT-1 examination of the beams will be performed at R-7. As currently planned for R-8, both UT and VT-1 examinations will again be performed concurrently, as was done at R-4. No indications were found in the visual examinations of the Jet Pump Sensing Lines, the Core Spray Spargers/Supply Piping or the Steam Dryer.

SIGNIFICANT INDICATIONS

One significant indication was found during ISI examination at R-6 (1st Interval, Period 2), as reported in ERTR 1-015 (Table I). A circumferential linear indication was detected in the UT examination of the 20" shutdown cooling suction line of the reactor recirculation system (ISI Ident. No. 20RRC(6)-8, pipe-to-RHR-V-113 weldment). The 0.015" deep by 4.5" long indication was characterized and sized by personnel that were EPRI-qualified for the detection and sizing of IGSCC in stainless steel piping systems. The indication was adjacent to the weld on the pipe-side of the weldment. The indication exceeded the acceptance criteria of ASME Section XI Table IWB-3514-2 (PER 291-345).

An analytical evaluation performed in accordance with NRC Generic Letter 88-01 concluded the weldment with the indication would be acceptable for operation for at least one more year (current analysis shows about five

years). Sample size for these Generic Letter 88-01 Cat. B IGSCC welds was increased from the three originally scheduled for R-6 to six. No indications were found in the three additional welds examined. Based on the Supply System's evaluation, as reported to the NRC in SS Letters GO-91-096 and GO-91-098, the NRC granted permission to restart with the indication in the pipe and operate until R-7 (TAC No. 80358).

The 20RRC(6)-8 weldment will be reexamined at R-7 for sizing and characterization to determine if the indication has not changed (pre-existing construction condition) or has propagated (IGSCC). If the flaw indication remains essentially unchanged at R-7 (1st Interval, Period 3), reexamination will be performed in two more successive periods (2nd Interval, Periods 1 and 2) per IWB-2420 requirements for reexamination during three successive period. A contingency plan, including weld overlay of this weldment as an option, will be in place at R-7 to cover the possibility of the indication propagating.

LIMITED EXAMINATIONS

Full coverage of the examination volume or surface per ASME Section XI was accomplished on all welds examined except for the two safe end welds for the RFW N4 nozzle, as covered below. A volumetric examination with UT is performed from both sides to the extent possible although an examination is only required from one side by Code. Whenever a UT examination could not be performed from both sides due to configuration or an obstruction on one side of the weld, e.g., a valve or Code ID name plate, respectively, it was so noted in the tabulation of ISI results in Appendix B.

Welds 12RFW(1)BF-13 (Safe End Extension/Safe End weld) and 12RFW(1)BF-14 (Safe End/N4 Nozzle weld) could not be UT examined to provide the required minimum examination volume (coverage) of 90% in two beam directions, as permitted for safe end welds. The weldments were examined from both sides using 45 deg. shear and 60 deg. longitudinal refracted beams. The -13 weldment received 100% coverage in one beam path direction but only 80% maximum in a second beam direction. The taper on the outside of the SE prevented the required minimum coverage from the SE side and the beam could not "punch through" the weldment from the SE Extens. side to provide the required coverage because of the acoustic characteristics and differences in the materials and weldment (Inconel SE Extens./Inconel weld/Inconel butter/Stainless Steel SE). The -14 weldment received 100% coverage in one beam direction but only 84% in the second beam direction due to the configuration of the SE taper on one side of the weld and the configuration of the nozzle on the other side.

AUGMENTED EXAMINATIONS

The Supply System performed augmented examinations per the ISI Program Plan Section 5.3, "Mandatory Augmented Inservice Inspection".

o High Energy Lines Penetrating Containment

A dye penetrant or ultrasonic examination was performed on 7 of 65 welds in high energy pipe-break exclusion areas not within ASME

Section XI examination boundary. No unacceptable indications were found. This brings the total welds examined in the high energy lines from R-1 to R-6 up to 44.

o RPV Feedwater Nozzle

The nozzle inner radius/bore region and a safe end weld were examined on one RPV feedwater nozzle (N4-330) per the requirements of the ISI Program Plan Section 5.3.2, "Reactor Feedwater Nozzle". No unacceptable indications were found. The Supply System has examined a different feedwater nozzle in each outage from R-1 to R-6 so that all six feedwater nozzles have been examined to date. No unacceptable indications have been found in these areas.

o IGSCC (Generic Letter 88-01 compliance)

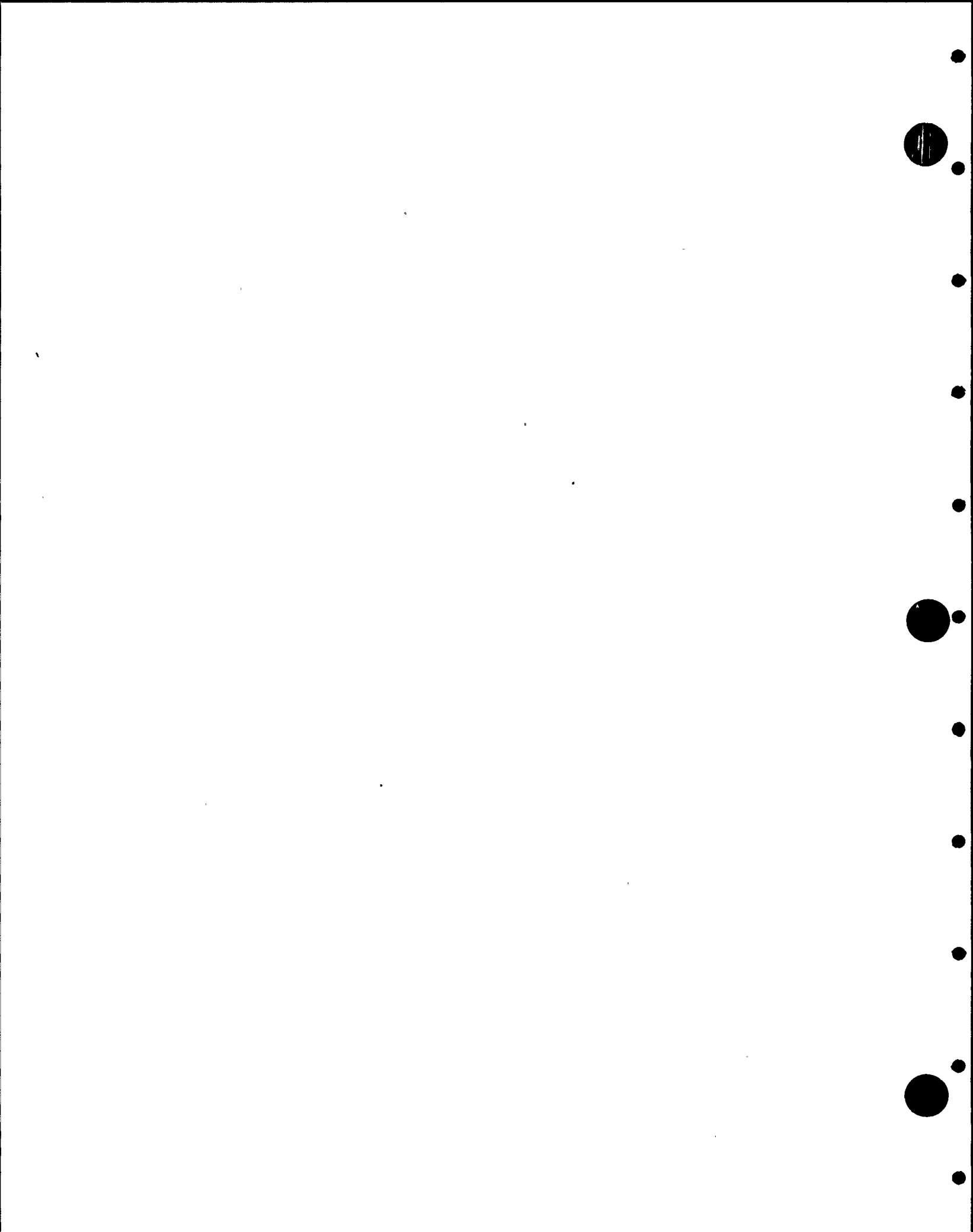
No IGSCC Category A welds and six (6) IGSCC Category B welds were examined in the RF91A/R6 outage. The examinations were performed by EPRI-qualified examiners. One unacceptable indication was found in weld 20RRC(6)-8 (Ref. Table I for further information on the indication).

There are 54 Cat. A welds and 148 Cat. B welds, as identified in the Supply System's response to the NRC on this issue via G.C. Sorensen Letter GO2-88-164 to USNRC, dated July 6, 1988. Within six years of RF91A/R4 outage, at least 12% (6/54) of the Cat. A welds and 25% (37/148) of the Cat. B welds are required to be examined; within 10 years of RF89A/R4, at least 25% (14/54) of Cat. A welds and 50% (74/148) of Cat. B welds are required to be examined.

To date, 13% (7/54) of the Cat. A and 19% (28/148) of the Cat. B welds have been examined within three years of the six year period. Based on the current ISI schedule, at RF92A/R7, 50% (27/54) Cat. A and 35% (52/148) Cat. B welds will have been examined within four years of the six year; by RF98A/R13, 57% (31/54) Cat. A and 61% (91/148) Cat. B welds will have been examined within the ten year period. Our commitment to the NRC on this issue is on schedule.

o Core Spray Sparger and Supply Piping

A visual examination of the core spray spargers and their supply piping was performed per the requirements of IE Bulletin 80-13, "Cracking in Core Spray Sparger". No unacceptable indications were observed. The examination was performed using an underwater closed circuit TV (CCTV) system capable of resolving a 0.001 inch diameter wire in-situ. The examiners were certified to Level II VT-1 under the Supply System QA program.



SNUBBER TESTING

A sample of 37 snubbers was selected from the WNP-2 general population of 620 safety-related snubbers. These snubbers were randomly selected by computer subroutine, which is part of the Snubber Test and Examination Program (STEP). The selected snubbers were then reviewed to determine if the sample was representative as required by Technical Specification 4.7.4.e.

e

Testing of snubbers was performed using portable testing devices (Validators) supplied by the snubber manufacturer.

Snubber MS-148 (S/N 318) passed the functional test, but drag was slightly over 2%. To preclude further possible service life degradation, it was replaced with another tested snubber (S/N 292) deleted from LPCS-61 under MWR AR-2435.

The next testing is required within 18 months (RF92A, or R-7, outage in Spring 1992 for WNP-2).

REPAIRS/REPLACEMENTS

Two significant repair/replacement activities were performed during the RF91A refueling outage: 1) Continuation of the Snubber Optimization Program and 2) Replacement of nozzles and/or inserts of six main steam relief valves and replacement of two MSRV valves with spares. A listing and summary of these and all other repairs/replacements accomplished between August 8, 1990 and September 30, 1991 are included in Appendix C.

Snubber Optimization Program

As part of the Supply System's effort to reduce the number of safety-related snubbers at WNP-2, nine snubbers were replaced with rigid struts and 46 snubbers were deleted. The new replacement struts received PSI examination after installation.

Main Steam Relief Valves

Disc inserts and/or nozzles were replaced for MS-RV-1B, MS-RV-2B, MS-RV-2C, MS-RV-4D, MS-RV-5B and MS-RV-5C, as detailed in the specific plan for each valve (Appendix C). MS-RV-3C was replaced with spare relief valve S/N 0120 and MS-RV-2D replaced with spare relief valve S/N 0124. An ISI examination was performed on MS-RV-1B relief valve.

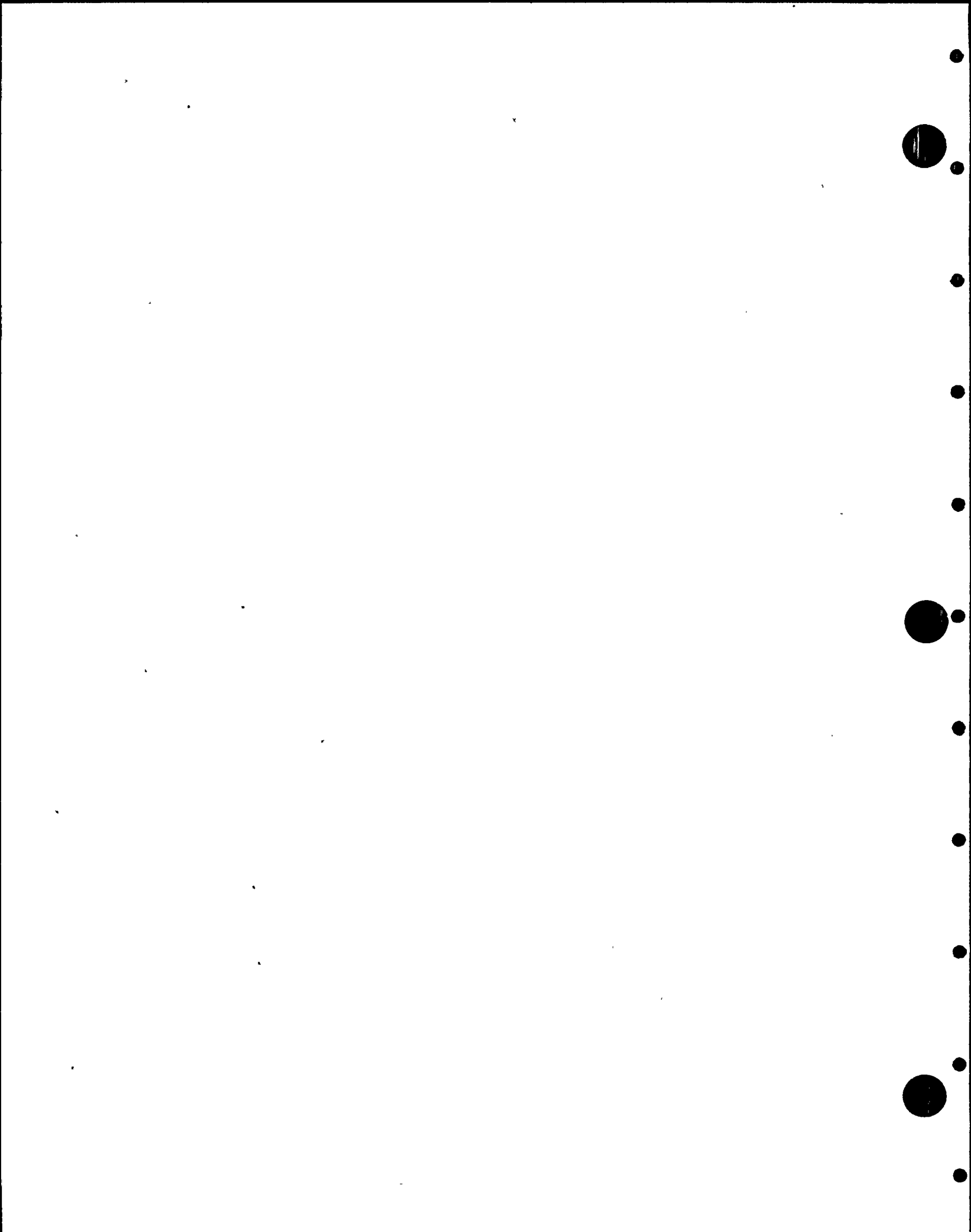


TABLE I
SIGNIFICANT INDICATIONS

<u>ERTR No.</u>	<u>Ident.No.</u>	<u>Description</u>	<u>Remarks</u>
1-015	20RRC(6)-8	Linear indication on ID	(1)

- (1) A circumferential linear indication was detected in the UT examination of the 20" shutdown cooling suction line of the reactor recirculation system (ISI Ident. No. 20RRC(6)-8, pipe-to-RHR-V-113 weldment). The indication was characterized and sized by personnel that were EPRI-qualified for the detection and sizing of IGSCC in stainless steel piping systems. The indication, sized at 0.015" deep x 4.5" long, was on the pipe-side of the weld, adjacent to the weld. The indication exceeded the acceptance criteria of ASME Section XI Table IWB-3514-2 (PER 291-345).

An analytical evaluation performed in accordance with NRC Generic Letter 88-01 concluded the weldment with the indication would be acceptable for operation for at least one more year (current analysis shows about five years). Sample size for these Generic Letter 88-01 Cat. B IGSCC welds was increased from the three originally scheduled for R-6 to six. No indications were found in the three additional welds examined - 20RHR(2)-1, 20RHR(2)-2 AND 12RRC(7)B-1. Based on the the Supply System's evaluation, as reported to the NRC in SS Letters GO2-91-096 and GO2-91-098, the NRC granted permission to restart with the indication in the pipe and operate until R-7 (TAC No. 80358). The 20RRC(6)-8 weldment will be reexamined at R-7 to determine if the indication has propagated (IGSCC) or has not changed (pre-existing construction condition). A contingency plan covering this weldment will be in place for R-7.

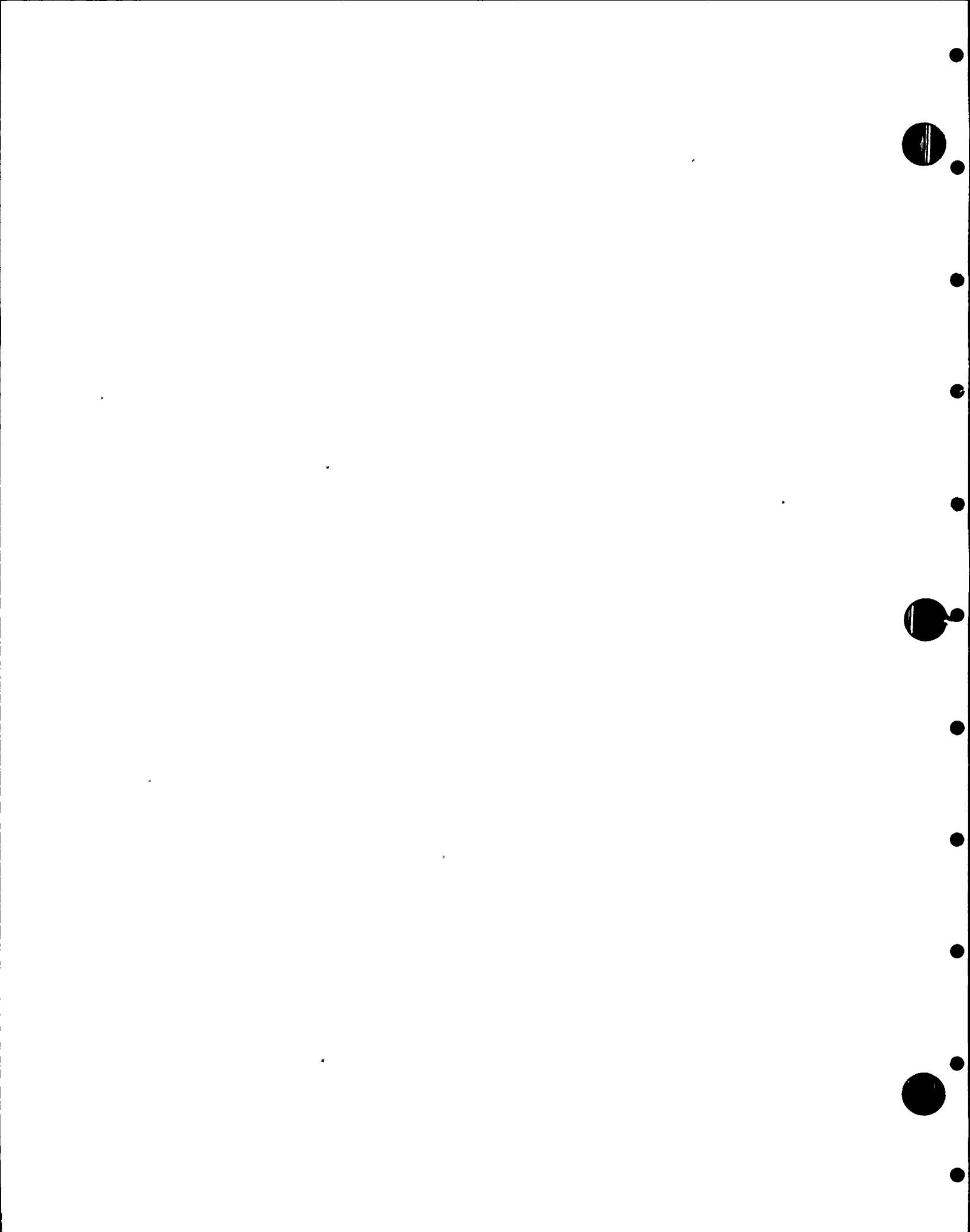


TABLE II
EXAMINATIONS COMPLETED DURING
OUTAGE RF91A

CODE CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ISI DRAWING	METHOD	EXAM. DATE (Y/M/D)
AUGMT	2MS(20)A-3	ELL TO PIPE	MS-201	SUR	19910423
	2MS(20)A-4	PIPE TO TEE	MS-201	SUR	19910423
	2MS(20)A-5	TEE TO RED	MS-201	SUR	19910423
	2MS(20)A-6	TEE TO PIPE	MS-201	SUR	19910423
	2MS(20)A-7	PIPE TO SOL	MS-201	SUR	19910423
	6RWCU(2)-4A	PIPE TO PIPE	RWCU-303	VOL	19910525
	6RWCU(2)-6A	PIPE TO PIPE	RWCU-303	VOL	19910528
	COUNT =	7			
B-D	N4-330-IR	FW NZ-IR @ 330	RPV-101	VOL	19910508
	N4-330-NB	FW NZ BORE @330	RPV-101	VOL	19910508
	COUNT =	2			
B-F	20RHR(2)-2	SE TO PIPE	RHR-104	VOL	19910510
	20RHR(2)-2	SE TO PIPE	RHR-104	SUR	19910510
	12RFW(1)BF-12	SE EXT-SE STUB	RFW-102	VOL	19910510
	12RFW(1)BF-12	SE EXT-SE STUB	RFW-102	SUR	19910509
	12RFW(1)BF-13	SE STUB TO SE	RFW-102	VOL	19910510
	12RFW(1)BF-13	SE STUB TO SE	RFW-102	SUR	19910509
	12RFW(1)BF-14	SE TO N4	RFW-102	VOL	19910510
	12RFW(1)BF-14	SE TO N4	RFW-102	SUR	19910509
	COUNT =	8			
B-G-1	RPV STUD 35-1-5A	RPV STUD	RPV-101	VOL	19910516
	RPV STUD 35-1-5A	RPV STUD	RPV-101	SUR	19910509
	RPV STUD 35-1-12A	RPV STUD	RPV-101	VOL	19910516
	RPV STUD 35-1-12A	RPV STUD	RPV-101	SUR	19910509
	RPV STUD 35-1-19A	RPV STUD	RPV-101	VOL	19910516

TABLE II
EXAMINATIONS COMPLETED DURING
OUTAGE RF91A

CODE CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ISI DRAWING	METHOD	EXAM. DATE (Y/M/D)
B-G-1	RPV STUD 35-1-19A	RPV STUD	RPV-101	SUR	19910509
	RPV STUD 35-1-26A	RPV STUD	RPV-101	VOL	19910516
	RPV STUD 35-1-26A	RPV STUD	RPV-101	SUR	19910509
	RPV STUD 35-1-33A	RPV STUD	RPV-101	VOL	19910516
	RPV STUD 35-1-33A	RPV STUD	RPV-101	SUR	19910509
	RPV STUD 35-1-40A	RPV STUD	RPV-101	VOL	19910516
	RPV STUD 35-1-40A	RPV STUD	RPV-101	SUR	19910509
	RPV NUT 36-1-5A	RPV NUT	RPV-101	VOL	19910515
	RPV NUT 36-1-5A	RPV NUT	RPV-101	SUR	19910511
	RPV NUT 36-1-12A	RPV NUT	RPV-101	VOL	19910515
	RPV NUT 36-1-12A	RPV NUT	RPV-101	SUR	19910511
	RPV NUT 36-1-19A	RPV NUT	RPV-101	VOL	19910515
	RPV NUT 36-1-19A	RPV NUT	RPV-101	SUR	19910511
	RPV NUT 36-1-26A	RPV NUT	RPV-101	VOL	19910515
	RPV NUT 36-1-26A	RPV NUT	RPV-101	SUR	19910511
	RPV NUT 36-1-33A	RPV NUT	RPV-101	VOL	19910515
	RPV NUT 36-1-33A	RPV NUT	RPV-101	SUR	19910511
	RPV NUT 36-1-40A	RPV NUT	RPV-101	VOL	19910515
	RPV NUT 36-1-40A	RPV NUT	RPV-101	SUR	19910511
COUNT =		24			
B-G-2	HPCS-V-4-BLT	VALVE BOLTING	HPCS-101	VT-1	19910417
	4HPCS(1)-1BD	FLANGE BOLTING	HPCS-101	VT-1	19910417
	HPCS-V-5-BLT	VALVE BOLTING	HPCS-101	VT-1	19910417
	4LPCS(1)-1BU	FLANGE BOLTING	LPCS-101	VT-1	19910417
	LPCS-V-S1-BLT	VALVE BOLTING	LPCS-101	VT-1	19910417
	RWCU-V-1-BLT	VALVE BOLTING	RWCU-101	VT-1	19910425
COUNT =		6			

TABLE II
EXAMINATIONS COMPLETED DURING
OUTAGE RF91A

CODE CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ISI DRAWING	METHOD	EXAM. DATE (Y/M/D)
B-J	20RHR(2)-1	VLV TO SE	RHR-104	VOL	19910510
	20RHR(2)-1	VLV TO SE	RHR-104	SUR	19910510
	26MS(1)D-15	PIPE TO VALVE	MS-104	VOL	19910427
	26MS(1)D-15	PIPE TO VALVE	MS-104	SUR	19910427
	MS-V-22D/2MS(9)-4	DRAIN CONN	MS-104	SUR	19910427
	12RFW(1)BF-9	PIPE TO ELL	RFW-102	VOL	19910510
	12RFW(1)BF-9	PIPE TO ELL	RFW-102	SUR	19910509
	12RFW(1)BF-10	ELL TO PIPE	RFW-102	VOL	19910510
	12RFW(1)BF-10	ELL TO PIPE	RFW-102	SUR	19910509
	12RFW(1)BF-11	PIPE TO SE EXT	RFW-102	VOL	19910510
	12RFW(1)BF-11	PIPE TO SE EXT	RFW-102	SUR	19910509
	20RRC(6)-7LUI	ELL SEAM	RRC-105	VOL	19910501
	20RRC(6)-7LUI	ELL SEAM	RRC-105	SUR	19910430
	20RRC(6)-7LUO	ELL SEAM	RRC-105	VOL	19910501
	20RRC(6)-7LUO	ELL SEAM	RRC-105	SUR	19910430
	20RRC(6)-7	ELL TO PIPE	RRC-105	VOL	19910501
	20RRC(6)-7	ELL TO PIPE	RRC-105	SUR	19910430
	20RRC(6)-7LD	PIPE SEAM	RRC-105	VOL	19910509
	20RRC(6)-7LD	PIPE SEAM	RRC-105	SUR	19910509
	20RRC(6)-7ALU	PIPE SEAM	RRC-105	VOL	19910509
	20RRC(6)-7ALU	PIPE SEAM	RRC-105	SUR	19910509
	20RRC(6)-7A	PIPE TO PIPE	RRC-105	VOL	19910501
	20RRC(6)-7A	PIPE TO PIPE	RRC-105	SUR	19910430
	20RRC(6)-7ALD	PIPE SEAM	RRC-105	VOL	19910501
	20RRC(6)-7ALD	PIPE SEAM ;	RRC-105	SUR	19910430
	20RRC(6)-8LU	PIPE SEAM	RRC-105	VOL	19910501
	20RRC(6)-8LU	PIPE SEAM	RRC-105	SUR	19910430
	20RRC(6)-8	PIPE TO VALVE	RRC-105	VOL	19910501
	20RRC(6)-8	PIPE TO VALVE	RRC-105	SUR	19910430
	12RRC(7)B-1	VALVE TO PIPE	RRC-107	VOL	19910509
	12RRC(7)B-1	VALVE TO PIPE	RRC-107	SUR	19910508

TABLE II
EXAMINATIONS COMPLETED DURING
OUTAGE RF91A

CODE CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ISI DRAWING	METHOD	EXAM. DATE (Y/M/D)
B-J	12RRC(7)B-1LD	PIPE SEAM	RRC-107	VOL	19910509
	12RRC(7)B-1LD	PIPE SEAM	RRC-107	SUR	19910508
	COUNT =	33			
B-K-1	RFW-185(W)	4 WELDED LUGS	RFW-102	SUR	19910509
	RRC-RA-1(W)	1 WELDED LUG	RRC-103	SUR	19910422
	COUNT =	2			
B-M-2	MS-RV-1B-BDY	VALVE BODY	MS-102	VT-3	19910423
	COUNT =	1			
B-N-1	RPV INTERIOR	SURV SPEC HLDRS	RPV-101	VT-3	19910509
	COUNT =	1			
B-P	RPV-PB-101(L)	LK PRES BNDRY	RPV-101	VT-2	19910928
	RPV-PB-102(L)	LK PRES BNDRY	RPV-102	VT-2	19910928
	RCIC-PB-101(L)	LK PRES BNDRY	RCIC-101	VT-2	19910928
	RCIC-PB-102(L)	LK PRES BNDRY	RCIC-102	VT-2	19910928
	HPCS-PB-101(L)	LK PRES BNDRY	HPCS-101	VT-2	19910928
	LPCS-PB-101(L)	LK PRES BNDRY	LPCS-101	VT-2	19910928
	RHR-PB-101(L)	LK PRES BNDRY	RHR-101	VT-2	19910928
	RHR-PB-102(L)	LK PRES BNDRY	RHR-102	VT-2	19910928
	RHR-PB-103(L)	LK PRES BNDRY	RHR-103	VT-2	19910928
	RHR-PB-104(L)	LK PRES BNDRY	RHR-104	VT-2	19910928
	RHR-PB-105(L)	LK PRES BNDRY	RHR-105	VT-2	19910928
	RHR-PB-106(L)	LK PRES BNDRY	RHR-106	VT-2	19910928
	MS-PB-101(L)	LK PRES BNDRY	MS-101	VT-2	19910928

TABLE II
EXAMINATIONS COMPLETED DURING
OUTAGE RF91A

CODE CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ISI DRAWING	METHOD	EXAM. DATE (Y/M/D)
B-P	MS-PB-102(L)	LK PRES BNDRY	MS-102	VT-2	19910928
	MS-PB-103(L)	LK PRES BNDRY	MS-103	VT-2	19910928
	MS-PB-104(L)	LK PRES BNDRY	MS-104	VT-2	19910928
	MS-PB-105(L)	LK PRES BNDRY	MS-105	VT-2	19910928
	MS-PB-106(L)	LK PRES BNDRY	MS-106	VT-2	19910928
	RFW-PB-101(L)	LK PRES BNDRY	RFW-101	VT-2	19910928
	RFW-PB-102(L)	LK PRES BNDRY	RFW-102	VT-2	19910928
	RFW-PB-103(L)	LK PRES BNDRY	RFW-103	VT-2	19910928
	RRC-PB-101(L)	LK PRES BNDRY	RRC-101	VT-2	19910928
	RRC-PB-102(L)	LK PRES BNDRY	RRC-102	VT-2	19910928
	RRC-PB-103(L)	LK PRES BNDRY	RRC-103	VT-2	19910928
	RRC-PB-104(L)	LK PRES BNDRY	RRC-104	VT-2	19910928
	RRC-PB-105(L)	LK PRES BNDRY	RRC-105	VT-2	19910928
	RRC-PB-106(L)	LK PRES BNDRY	RRC-106	VT-2	19910928
	RRC-PB-107(L)	LK PRES BNDRY	RRC-107	VT-2	19910928
	RRC-PB-108(L)	LK PRES BNDRY	RRC-108	VT-2	19910928
	RRC-PB-109(L)	LK PRES BNDRY	RRC-109	VT-2	19910928
	RRC-PB-110(L)	LK PRES BNDRY	RRC-110	VT-2	19910928
	RRC-PB-111(L)	LK PRES BNDRY	RRC-111	VT-2	19910928
	RWCU-PB-101(L)	LK PRES BNDRY	RWCU-101	VT-2	19910928
	SLC-PB-101(L)	LK PRESS BNDRY	SLC-101	VT-2	19910928
	COUNT =	34			
C-C	RHR-245(W)	8 WELDED LUGS	RHR-201	SUR	19910425
	COUNT =	1			
C-H	RCIC-PB-201(L)	LK PRES BNDRY	RCIC-201	VT-2	19910928
	RCIC-PB-202(L)	LK PRES BNDRY	RCIC-202	VT-2	19910928
	RCIC-PB-203(L)	LK PRES BNDRY	RCIC-203	VT-2	19910928

TABLE II
EXAMINATIONS COMPLETED DURING
OUTAGE RF91A

CODE CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ISI DRAWING	METHOD	EXAM. DATE (Y/M/D)
C-H	RCIC-PB-204(L)	LK PRES BNDRY	RCIC-204	VT-2	19910928
	RCIC-PB-205(L)	LK PRES BNDRY	RCIC-205	VT-2	19910928
	HPCS-PB-201(L)	LK PRES BNDRY	HPCS-201	VT-2	19910527
	HPCS-PB-202(L)	LK PRES BNDRY	HPCS-202	VT-2	19910527
	LPCS-PB-201(L)	LK PRES BNDRY	LPCS-201	VT-2	19910505
	LPCS-PB-202(L)	LK PRES BNDRY	LPCS-202	VT-2	19910505
	RHR-PB-201(L)	LK PRES BNDRY	RHR-201	VT-2	19910505
	RHR-PB-202(L)	LK PRES BNDRY	RHR-202	VT-2	19910526
	RHR-PB-203(L)	LK PRES BNDRY	RHR-203	VT-2	19910505
	RHR-PB-205(L)	LK PRES BNDRY	RHR-205	VT-2	19910505
	RHR-PB-206(L)	LK PRES BNDRY	RHR-206	VT-2	19910505
	RHR-PB-207(L)	LK PRES BNDRY	RHR-207	VT-2	19910522
	RHR-PB-209(L)	LK PRES BNDRY	RHR-209	VT-2	19910522
	RHR-PB-210(L)	LK PRES BNDRY	RHR-210	VT-2	19910526
	RHR-PB-211(L)	LK PRES BNDRY	RHR-211	VT-2	19910526
	RCC-PB-201(L)	LK PRES BNDRY	RCC-201	VT-2	19910520
	RCC-PB-202(L)	LK PRES BNDRY	RCC-202	VT-2	19910520
	CRD-PB-201(L)	LK PRES BNDRY	CRD-201	VT-2	19910413
	CRD-PB-202(L)	LK PRES BNDRY	CRD-202	VT-2	19910413
COUNT =		22			
D-A	MS-PB-301(L)	LK PRES BNDRY	MS-301	VT-2	19910522
	MS-PB-302(L)	LK PRES BNDRY	MS-302	VT-2	19910522
	MS-PB-303(L)	LK PRES BNDRY	MS-303	VT-2	19910522
	MS-PB-304(L)	LK PRES BNDRY	MS-304	VT-2	19910522
	MS-PB-305(L)	LK PRES BNDRY	MS-305	VT-2	19910521
	MS-PB-306(L)	LK PRES BNDRY	MS-306	VT-2	19910521
	MS-PB-307(L)	LK PRES BNDRY	MS-307	VT-2	19910522
	MS-PB-308(L)	LK PRES BNDRY	MS-308	VT-2	19910522
	MS-PB-309(L)	LK PRES BNDRY	MS-309	VT-2	19910521

TABLE II
EXAMINATIONS COMPLETED DURING
OUTAGE RF91A

CODE CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ISI DRAWING	METHOD	EXAM. DATE (Y/M/D)
D-A	MS-PB-310(L)	LK PRES BNDRY	MS-310	VT-2	19910521
	MS-PB-311(L)	LK PRES BNDRY	MS-311	VT-2	19910521
	MS-PB-312(L)	LK PRES BNDRY	MS-312	VT-2	19910522
	MS-PB-313(L)	LK PRES BNDRY	MS-313	VT-2	19910522
	MS-PB-314(L)	LK PRES BNDRY	MS-314	VT-2	19910521
	MS-PB-315(L)	LK PRES BNDRY	MS-315	VT-2	19910522
	MS-PB-316(L)	LK PRES BNDRY	MS-316	VT-2	19910521
	MS-PB-317(L)	LK PRES BNDRY	MS-317	VT-2	19910522
	MS-PB-318(L)	LK PRES BNDRY	MS-318	VT-2	19910521
	COUNT =	18			
D-B	SW-PB-301(L)	LK PRES BNDRY	SW-301	VT-2	19910511
	SW-PB-302(L)	LK PRES BNDRY	SW-302	VT-2	19910511
	SW-PB-303(L)	LK PRES BNDRY	SW-303	VT-2	19910511
	SW-PB-304(L)	LK PRES BNDRY	SW-304	VT-2	19910511
	SW-PB-305(L)	LK PRES BNDRY	SW-305	VT-2	19910501
	SW-PB-306(L)	LK PRES BNDRY	SW-306	VT-2	19910501
	SW-PB-307(L)	LK PRES BNDRY	SW-307	VT-2	19910501
	SW-PB-308(L)	LK PRES BNDRY	SW-308	VT-2	19910501
	SW-PB-309(L)	LK PRES BNDRY	SW-309	VT-2	19910530
	SW-PB-310(L)	LK PRES BNDRY	SW-310	VT-2	19910530
	SW-PB-311(L)	LK PRES BNDRY	SW-311	VT-2	19910530
	RCC-443(W)	WELDED ATTACH	RCC-301	VT-3	19910417
	RCC-269(W)	WELDED ATTACH	RCC-301	VT-3	19910417
	RCC-276(W)	WELDED ATTACH	RCC-301	VT-3	19910417
	RCC-280(W)	WELDED ATTACH	RCC-301	VT-3	19910417
	RCC-287(W)	WELDED ATTACH	RCC-301	VT-3	19910417
	RCC-306(W)	WELDED ATTACH	RCC-302	VT-3	19910429
	RCC-488(W)	WELDED ATTACH	RCC-302	VT-3	19910417
	RCC-345(W)	WELDED ATTACH	RCC-302	VT-3	19910417

TABLE II
EXAMINATIONS COMPLETED DURING
OUTAGE RF91A

CODE CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ISI DRAWING	METHOD	EXAM. DATE (Y/M/D)
D-B	RCC-465(W)	WELDED ATTACH	RCC-302	VT-3	19910417
	CCH-PB-304(L)	LK PRES BNDRY	CCH-304	VT-2	19910726
	COUNT =	21	9 D-B(W) + 12 D-B(L)		
D-C	FPC-PB-301(L)	LK PRES BNDRY	FPC-301	VT-2	19910522
	FPC-PB-302(L)	LK PRES BNDRY	FPC-302	VT-2	19910522
	FPC-PB-303(L)	LK PRES BNDRY	FPC-303	VT-2	19910522
	FPC-PB-304(L)	LK PRES BNDRY	FPC-304	VT-2	19910522
	FPC-PB-305(L)	LK PRES BNDRY	FPC-305	VT-2	19910522
	COUNT =	5			
IWF	RCIC-946N	STRUT	RCIC-201	VT3H	19910408
	RCIC-945N	PSA-10 SNUBBER	RCIC-201	VT3H	19910408
	RCIC-38	PSA-1 SN(2)	RCIC-201	VT3H	19910408
	RCIC-943N	STRUT	RCIC-201	VT3H	19910408
	RCIC-944N	PSA-3 SN(2)	RCIC-201	VT3H	19910408
	RCIC-961N	PSA-1/4 SNUBBER	RCIC-201	VT3H	19910408
	HPCS-900N	STRUT	HPCS-201	VT3H	19910408
	HPCS-901N	BOX	HPCS-201	VT3H	19910408
	HPCS-52	ANCHOR	HPCS-201	VT3H	19910408
	HPCS-46	SPRING	HPCS-201	VT3H	19910408
	HPCS-45	SPRING	HPCS-201	VT3H	19910408
	HPCS-47	PSA-3 SN(2)	HPCS-201	VT3H	19910408
	HPCS-48	STRUT	HPCS-201	VT3H	19910408
	HPCS-49	STRUT	HPCS-201	VT3H	19910408
	HPCS-17	STRUT	HPCS-202	VT3H	19910408
	HPCS-16	STRUT	HPCS-202	VT3H	19910408
	HPCS-18	STRUT	HPCS-202	VT3H	19910408
	RHR-243	SPRING	RHR-201	VT3H	19910408

TABLE II
EXAMINATIONS COMPLETED DURING
OUTAGE RF91A

CODE CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ISI DRAWING	METHOD	EXAM. DATE (Y/M/D)
IWF	RHR-1022N	PSA-35 SN(2)	RHR-201	VT3H	19910408
	RHR-244	PSA-35 SNUBBER	RHR-201	VT3H	19910408
	RHR-260	PSA-10 SNUBBER	RHR-201	VT3H	19910408
	RHR-261	SPRING	RHR-201	VT3H	19910408
	RHR-245	BOX	RHR-201	VT3H	19910408
	RHR-963N	BOX	RHR-201	VT3H	19910418
	RHR-463	PSA-3 SNUBBER	RHR-207	VT3H	19910408
	RHR-464	BOX	RHR-207	VT3H	19910408
	RHR-468	SPRING	RHR-207	VT3H	19910409
	RHR-465	PSA-3 SN(2)	RHR-207	VT3H	19910409
	RHR-467	STRUT	RHR-207	VT3H	19910409
	RHR-466	PSA-3 SNUBBER	RHR-207	VT3H	19910409
	RHR-469	SPRING	RHR-207	VT3H	19910409
	RHR-956N	BOX	RHR-207	VT3H	19910409
	RHR-472	PSA-3 SNUBBER	RHR-207	VT3H	19910409
	RHR-473	SPRING	RHR-207	VT3H	19910409
	RHR-475	ANCHOR	RHR-207	VT3H	19910409
	RHR-478	SPRING	RHR-207	VT3H	19910408
	RHR-479	PSA-3 SN(2)	RHR-207	VT3H	19910408
	RHR-480	STRUT	RHR-207	VT3H	19910408
	RHR-481	PSA-35 SNUBBER	RHR-207	VT3H	19910408
	RHR-486	SPRING	RHR-207	VT3H	19910408
	RHR-485	PSA-10 SNUBBER	RHR-207	VT3H	19910408
	RHR-608	SPRING	RHR-208	VT3H	19910409
	RHR-581	STRUT	RHR-208	VT3H	19910409
	MS-88	SPRING	MS-201	VT3H	19910524
	RFW-185	SPRING	RFW-102	VT3H	19910418
	RRC-HA-4	SPRING	RRC-103	VT3H	19910422
	RRC-HA-5	SPRING	RRC-103	VT3H	19910422
	RRC-SA-3	PSA-100 SNUBBER	RRC-103	VT3H	19910422
	RRC-SA-4	PSA-100 SNUBBER	RRC-103	VT3H	19910422

TABLE II
EXAMINATIONS COMPLETED DURING
OUTAGE RF91A

CODE CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ISI DRAWING	METHOD	EXAM. DATE (Y/M/D)
IWF	RRC-SA-5	PSA-100 SNUBBER	RRC-103	VT3H	19910422
	RRC-900N	STRUT	RRC-103	VT3H	19910422
	RRC-SA-6	PSA-100 SNUBBER	RRC-103	VT3H	19910530
	RRC-RA-1	STRUT	RRC-103	VT3H	19910422
	RRC-HB-2	SPRING	RRC-103	VT3H	19910422
	RRC-HB-3	SPRING	RRC-103	VT3H	19910422
	RRC-HB-4	SPRING	RRC-103	VT3H	19910422
	RRC-HB-5	SPRING	RRC-103	VT3H	19910422
	RRC-901N	STRUT	RRC-103	VT3H	19910422
	RHR-SA-51	PSA-35 SNUBBER	RRC-105	VT3H	19910425
	RHR-SA-52	PSA-10 SNUBBER	RRC-105	VT3H	19910425
	RRC-3	SPRING	RRC-108	VT3H	19910422
	RRC-4	SPRING	RRC-108	VT3H	19910530
	RWCU-1C-2PS	STRUT	RWCU-101	VT3H	19910422
	RWCU-140	SPRING	RWCU-101	VT3H	19910422
	RWCU-1C-2	PSA-1 SNUBBER	RWCU-101	VT3H	19910422
	RWCU-1C-1PS	PIPE STOP	RWCU-101	VT3H	19910422
	RWCU-139	SPRING	RWCU-101	VT3H	19910422
	FPC-54	BOX	FPC-301	VT3H	19910409
	FPC-55	BOX	FPC-301	VT3H	19910409
	FPC-56	BOX	FPC-301	VT3H	19910409
	FPC-53	BOX	FPC-301	VT3H	19910409
	FPC-130	BOX	FPC-301	VT3H	19910409
	FPC-129	BOX	FPC-301	VT3H	19910409
	FPC-128	BOX	FPC-301	VT3H	19910409
	FPC-127	BOX	FPC-301	VT3H	19910409
	FPC-65	PSA-1 SNUBBER	FPC-301	VT3H	19910409
	FPC-916N	SPRING	FPC-301	VT3H	19910409
	FPC-918N	PSA-1 SNUBBER	FPC-301	VT3H	19910409
	FPC-88	SPRING	FPC-301	VT3H	19910409
	FPC-101	RIGID	FPC-301	VT3H	19910409

TABLE II
EXAMINATIONS COMPLETED DURING
OUTAGE RF91A

CODE CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ISI DRAWING	METHOD	EXAM. DATE (Y/M/D)
IWF	FPC-87	BOX	FPC-301	VT3H	19910409
	FPC-195	BOX	FPC-304	VT3H	19910408
	FPC-196	BOX	FPC-304	VT3H	19910408
	FPC-197	BOX	FPC-304	VT3H	19910408
	FPC-198	BOX	FPC-304	VT3H	19910408
	FPC-199	BOX	FPC-304	VT3H	19910408
	FPC-200	BOX	FPC-304	VT3H	19910408
	FPC-202	BOX	FPC-304	VT3H	19910408
	FPC-906N	BOX	FPC-304	VT3H	19910408
	FPC-203	BOX	FPC-304	VT3H	19910408
	FPC-204	BOX	FPC-304	VT3H	19910408
	FPC-205	RIGID	FPC-304	VT3H	19910408
	FPC-83	RIGID	FPC-305	VT3H	19910920
	FPC-82	RIGID	FPC-305	VT3H	19910408
	FPC-79	RIGID	FPC-305	VT3H	19910408
	FPC-78	BOX	FPC-305	VT3H	19910408
	FPC-167	BOX	FPC-305	VT3H	19910408
	FPC-166	BOX	FPC-305	VT3H	19910408
	FPC-911N	BOX	FPC-305	VT3H	19910408
	FPC-165	BOX	FPC-305	VT3H	19910408
	FPC-206	BOX	FPC-305	VT3H	19910408
	FPC-164	BOX	FPC-305	VT3H	19910408
	FPC-163	BOX	FPC-305	VT3H	19910408
	FPC-912N	BOX	FPC-305	VT3H	19910408
	FPC-214	BOX	FPC-305	VT3H	19910524
	FPC-215	BOX	FPC-305	VT3H	19910524
	FPC-216	BOX	FPC-305	VT3H	19910524
	FPC-240	BOX	FPC-305	VT3H	19910524
	FPC-230	SPRING	FPC-305	VT3H	19910409
	FPC-227	PSA-3 SNUBBER	FPC-305	VT3H	19910409
	FPC-225	STRUT	FPC-305	VT3H	19910409

TABLE II
EXAMINATIONS COMPLETED DURING
OUTAGE RF91A

CODE CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ISI DRAWING	METHOD	EXAM. DATE (Y/M/D)
IWF	FPC-5	SPRING	FPC-308	VT3H	19910408
	FPC-6	STRUT	FPC-308	VT3H	19910408
	FPC-8	STRUT	FPC-308	VT3H	19910408
	FPC-9	BOX	FPC-308	VT3H	19910408
	FPC-10	BOX	FPC-308	VT3H	19910408
	FPC-11	BOX	FPC-308	VT3H	19910408
	FPC-12	STRUT	FPC-308	VT3H	19910408
	FPC-13	BOX	FPC-308	VT3H	19910408
	FPC-14	STRUT	FPC-308	VT3H	19910408
	FPC-17	STRUT	FPC-308	VT3H	19910408
	FPC-18	SPRING	FPC-308	VT3H	19910524
	FPC-19	BOX	FPC-308	VT3H	19910408
	FPC-20	STRUT	FPC-308	VT3H	19910408
	RCC-255	BOX	RCC-201	VT3H	19910408
	RCC-256	SPRING	RCC-201	VT3H	19910408
	RCC-389	SPRING	RCC-202	VT3H	19910408
	RCC-912N	STRUT	RCC-301	VT3H	19910417
	RCC-478	STRUT	RCC-301	VT3H	19910417
	RCC-443	ANCHOR	RCC-301	VT3H	19910417
	RCC-269	BOX	RCC-301	VT3H	19910417
	RCC-908N	BOX	RCC-301	VT3H	19910417
	RCC-274	SPRING	RCC-301	VT3H	19910417
	RCC-276	BOX	RCC-301	VT3H	19910417
	RCC-279	SPRING	RCC-301	VT3H	19910417
	RCC-280	ANCHOR	RCC-301	VT3H	19910417
	RCC-285	STRUT	RCC-301	VT3H	19910417
	RCC-469	STRUT	RCC-301	VT3H	19910417
	RCC-287	ANCHOR	RCC-301	VT3H	19910417
	RCC-306	BOX	RCC-302	VT3H	19910417
	RCC-462	SPRING	RCC-302	VT3H	19910417
	RCC-488	BOX	RCC-302	VT3H	19910417

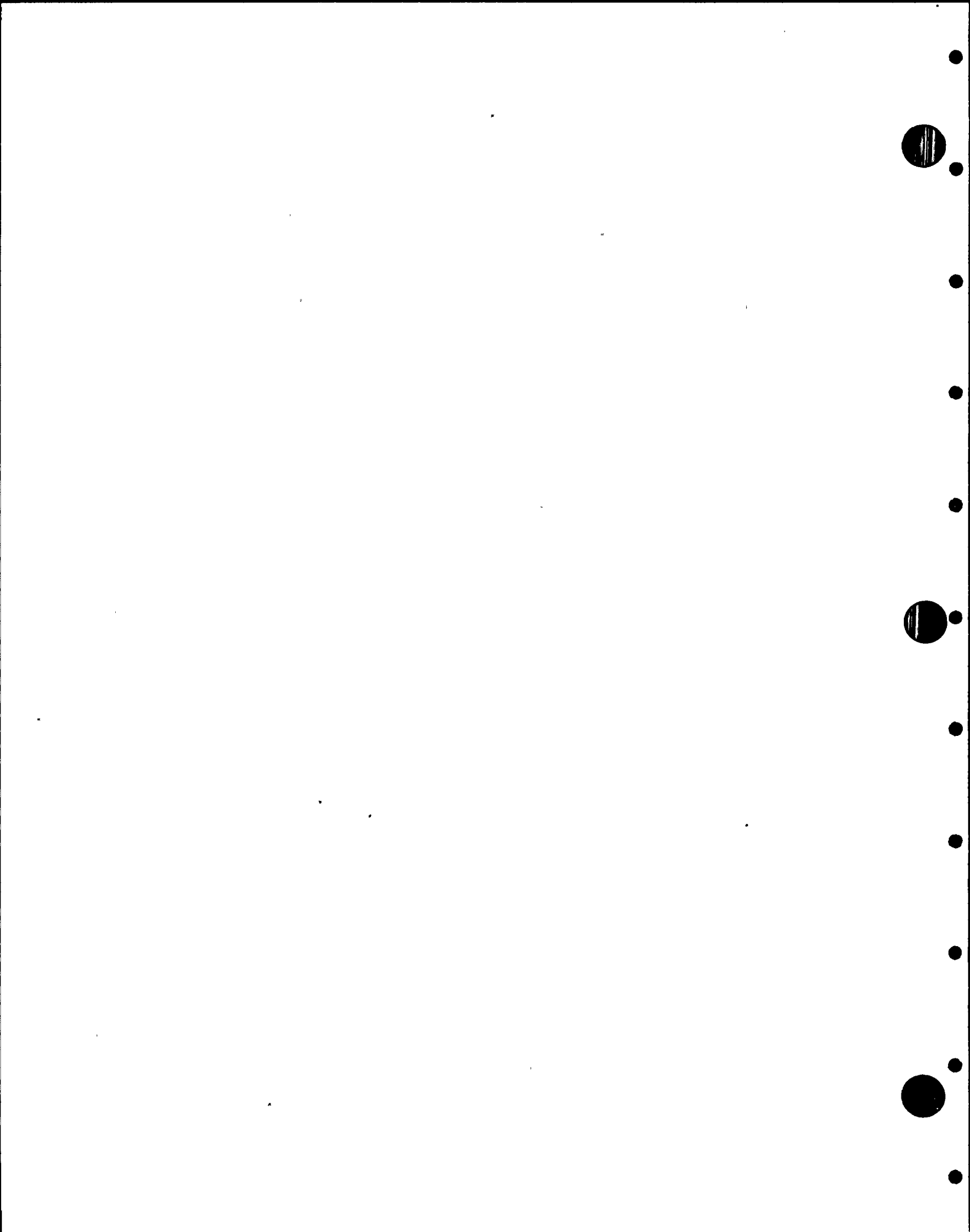


TABLE II
EXAMINATIONS COMPLETED DURING
OUTAGE RF91A

CODE CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ISI DRAWING	METHOD	EXAM. DATE (Y/M/D)
IWF	SLC-4453-33	RIGID	SLC-101	VT3H	19910408
	SLC-4453-35	RIGID	SLC-101	VT3H	19910408
	SLC-4453-36	RIGID	SLC-101	VT3H	19910408
	SLC-4453-38	RIGID	SLC-101	VT3H	19910408
	SLC-4453-41	RIGID	SLC-101	VT3H	19910408
	SLC-4453-42	RIGID	SLC-101	VT3H	19910408
	SLC-4453-43	RIGID	SLC-101	VT3H	19910408
	SLC-4453-44	RIGID	SLC-101	VT3H	19910408
	SLC-4453-45	RIGID	SLC-101	VT3H	19910408
	SLC-4453-46	RIGID	SLC-101	VT3H	19910408
	SLC-4453-55	RIGID	SLC-101	VT3H	19910524
	SLC-4453-56	RIGID	SLC-101	VT3H	19910524
	SLC-4453-57	RIGID	SLC-101	VT3H	19910524
	SLC-4453-63	RIGID	SLC-101	VT3H	19910524
	SLC-4453-65	RIGID	SLC-101	VT3H	19910524
	SLC-4475-11	RIGID	SLC-101	VT3H	19910418
	SLC-4475-17	RIGID	SLC-101	VT3H	19910418
	SLC-4475-18	RIGID	SLC-101	VT3H	19910418
	SLC-4475-19	STRUT	SLC-101	VT3H	19910418
	SLC-4475-110	RIGID	SLC-101	VT3H	19910418
COUNT =		162			
N/A	JET PUMP BEAMS	JP HLD DWN BMS	RPV-101	VT-3	19910507
	JET PUMP BEAMS	JP HLD DWN BMS	RPV-101	VOL	19910507
	JET PUMP SENSING LINES	JP SENSING LINE	RPV-101	VT-1	19910509
	INCORE DRY TUBES	INCORE DRY TUBE	RPV-101	VT-1	19910516
	CORE SPRAY SPARGERS	CORE SPRAY SPG	RPV-101	VT-1	19910510
	STEAM DRYER	STEAM DRYER	RPV-101	VT-3	19910503
	30CSP(1)-3	PIPE TO PENETRA	MISC	VOL	19910417
	COUNT =		7		
TOTAL COUNT =		354			

TABLE III
SNUBBER TEST SUMMARY

HANGER MARK NO. (& POSITION) DESCRIPTION & SERIAL NO.		TEST DATE YR/MO/DA	TEST RESULT ACC/REJ	REPLACEMENT SERIAL NO.	RETEST NEXT OUTAGE: Y/N
DE-2839-14B PSA-1/4 SNUBBER	399	19910416	ACC		NO
HPCS-47 NORTH PSA-3 SN(2)	470	19910415	ACC		NO
HPCS-924N WEST PSA-3 SN(2)	3883	19910415	ACC		NO
LPCS-61 SOUTH PSA-10 SN(2)	327	19910420	ACC	DELETED	NO
MD-1290-11B PSA-1/4 SNUBBER	378	19910424	ACC		NO
MS-135 PSA-35 SNUBBER	7033	19910424	ACC		NO
MS-148 (1) PSA-10 SNUBBER	292	19910420	ACC		NO
MS-148 PSA-10 SNUBBER	318	19910424	ACC	292	NO
MS-998N NORTH PSA-10 SN(2)	710	19910423	ACC		NO
MS-998N SOUTH PSA-10 SN(2)	718	19910423	ACC		NO
MS-SC-1 PSA-100 SNUBBER	605	19910420	ACC		NO

TABLE III
SNUBBER TEST SUMMARY

HANGER MARK NO. (& POSITION) DESCRIPTION & SERIAL NO.	TEST DATE YR/MO/DA	TEST RESULT ACC/REJ	REPLACEMENT SERIAL NO.	RETEST NEXT OUTAGE: Y/N
MS-SD-3 PSA-35 SNUBBER 4146	19910420	ACC	DELETED	NO
MSRV-2B-2 PSA-10 SNUBBER 13047	19910420	ACC		NO
MSRV-2C-5 PSA-10 SNUBBER 9921	19910423	ACC		NO
MSRV-2C-6 PSA-10 SNUBBER 9947	19910423	ACC		NO
MSRV-3D-5 PSA-10 SNUBBER 1472	19910423	ACC	DELETED	NO
MSRV-4C-9 WEST PSA-3 SN(2) 4468	19910420	ACC		NO
MSRV-5B-5 PSA-10 SNUBBER 684	19910420	ACC		NO
RCIC-100 EAST PSA-1/2 SN(2) 2536	19910424	ACC		NO
RCIC-933N PSA-3 SNUBBER 3903	19910420	ACC	DELETED	NO
RCIC-936N BOTTOM PSA-1 SN(2) 113	19910417	ACC	DELETED	NO
RCIC-970S PSA-1/2 SNUBBER 2528	19910418	ACC		NO

TABLE III
SNUBBER TEST SUMMARY

HANGER MARK NO. (& POSITION) DESCRIPTION & SERIAL NO.			TEST DATE YR/MO/DA	TEST RESULT ACC/REJ	REPLACEMENT SERIAL NO.	RETEST NEXT OUTAGE: Y/N
-----			-----	-----	-----	-----
RHR-276 NORTH PSA-3 SN(2)	2575		19910424	ACC		NO
RHR-311 EAST PSA-3 SN(2)	2367		19910415	ACC		NO
RHR-373 PSA-1 SNUBBER	228		19910417	ACC		NO
RHR-437 NORTH PSA-3 SN(2)	226		19910416	ACC		NO
RHR-448 PSA-1/2 SNUBBER	4019		19910417	ACC		NO
RHR-472 PSA-3 SNUBBER	2574		19910424	ACC		NO
RHR-551 WEST PSA-3 SN(2)	3914		19910416	ACC		NO
RHR-946N PSA-3 SNUBBER	4438		19910415	ACC		NO
RHR-954N WEST PSA-1 SN(2)	125		19910417	ACC		NO
RHR-SA-53 PSA-10 SNUBBER	113		19910420	ACC		NO
RHR-SB-37 PSA-10 SNUBBER	114		19910420	ACC		NO

TABLE III
SNUBBER TEST SUMMARY

HANGER MARK NO. (& POSITION) DESCRIPTION & SERIAL NO. -----	TEST DATE YR/MO/DA -----	TEST RESULT ACC/REJ -----	REPLACEMENT SERIAL NO. -----	RETEST NEXT OUTAGE: Y/N -----
RHR-SB-39 TOP PSA-3 SN(2) 2362	19910420	ACC		NO
RRC-SA-20 PSA-35 SNUBBER 4215	19910423	ACC		NO
RRC-SA-66 PSA-35 SNUBBER 4167	19910420	ACC		NO
RRC-SB-25 PSA-35 SNUBBER 4158	19910423	ACC		NO
SGT-11 BOTTOM PSA-10 SN(2) 7787	19910424	ACC		NO

TOTAL COUNT = 38

Note: (1) S/N 292, which was a spare from LPCS-61, was tested prior to installing as a replacement for S/N 318 snubber at MS-148. This brings the total snubber test count in this table to 38, i.e., 37 in sample plan + 1 replacement. S/N 292 was not part of the sample plan.

APPENDIX A

NIS-1 Owner's Data Report for Inservice Inspection

FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner Washington Public Power Supply System
3000 George Washington Way, Richland, WA 99352
 (Name and Address of Owner)
2. Plant WNP-2, Hanford Reservation, Benton County, Washington
 (Name and Address of Plant)
3. Plant Unit WNP-2 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date 12/13/84 6. National Board Number for Unit N/A
7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
RPV	CBIN Nuclear Co.	T-45	29936-84W	8
MS-RV-1B	Crosby Valve and Gage Co.	N63790-00-0045	N/A	N/A
Lg Bore Pipe	Bechtel	(1)	N/A	N/A
Notes: (1)	The piping examined is included in pages 4-14.			

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

FORM NIS-1 (back)

8. Examination Dates 8/8/90 to 9/30/91 9. Inspection Interval from 12/13/84 to 12/13/94
10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. Approximately 63% of the examinations required for this inspection interval have been completed. Ref. pgs. 4-14 for examination details.
11. Abstract of Conditions Noted. Ref. pgs. 4-14.
12. Abstract of Corrective Measures Recommended and Taken
Ref. pgs. 4-14.

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.

Date Dec 12 19 91 Signed WPPSS By JWBaker
Owner

Certificate of Authorization No. (if applicable) N/A Expiration Date N/A

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Washington and employed by Arkwright Mut. Ins. Co. of Norwood, Mass. have inspected the components described in this Owners' Data Report during the period 8/8/90 to 9/30/91, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Data Report in accordance with the requirements of the ASME Code, Section XI.

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

* Factory Mutual System

Date 12/13 19 91

Don Haggard Commissions 9556 W NBI
Inspector's Signature National Board, State, Province and No.

FORM NIS-1

1. Owner: Washington Public Power Supply System
3000 George Washington Way
Richland, Washington 99352
2. Plant: WNP-2
Hanford Reservation
Benton County, Washington
3. Plant Unit: WNP-2
4. Owner Certificate of Authorization: N/A
5. Commercial Service Date: 12/13/1984
6. National Board Number for Unit: N/A

11. Abstract of Conditions Noted:

No unacceptable indications were found in any of the exams listed in the attached table except in Code Cat. B-J weld 20RRC(6)-8. A circumferential linear indication was found adjacent to the weld in the pipe side of this pipe-to-valve weld in the RHR Shutdown Cooling Suction Intertie with RRC Loop A (Dwg. RRC-105, RRC-V-113 valve). The indication exceeded the acceptance criteria of ASME Section XI Table IWB-3514-3 (1980 Ed. + W80).

No leaks were found in the leakage tests for Code-Category B-P Class 1 piping systems, Code-Category C-H Class 2 piping systems or Code-Categories D-A, D-B and D-C Class 3 piping systems. All ASME Class 1, 2 and 3 pressure boundaries shown in the ISI Boundary Diagrams in Sect. 7 of the ISI Program Plan were leak tested, except where covered by an exemption specified in Sect. 7.

The visual examination of the two surveillance specimen holders attached to the RPV interior wall at AZ 20 and 320 showed them to be intact. Code-Cat. B-N-1, RPV Interior, was used for conducting this exam. The spare specimen holder at AZ 120 that had broken off at R-4 was reinstalled at R-6.

12. Abstract of Corrective Measures Recommended and Taken:

An analytical evaluation for the linear indication in weld 20RRC(6)-8 performed in accordance with 1986 ASME Sect. XI IWB-3640 (not addressed in the 1980 ASME Sect. XI Code with Winter 1980 Addenda) concluded the weldment was acceptable as-is for continuous operation until the R-7 outage. A reexamination will be performed on this weld at R-7.

1. OWNER: WASHINGTON PUBLIC POWER SUPPLY SYSTEM, 3000 GEORGE WASHINGTON WAY, P.O. BOX 968,
 RICHLAND, WASHINGTON 99352 2. PLANT: WNP-2, HANFORD RESERVATION, BENTON COUNTY, WA.
 3. PLANT UNIT: WNP-2 4. OWNER CERTIFICATE OF AUTHORIZATION: N/A
 5. COMMERCIAL SERVICE DATE: 12/13/1984 6. NATIONAL BOARD NUMBER: N/A
 10. ABSTRACT OF EXAMINATIONS. LIST OF EXAMINATIONS:

CODE CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ITEM NO.	METHOD	DRAWING NO.
B-D	N4-330-IR	FW NZ-IR @ 330	B3.90	VOL	RPV-101
	N4-330-NB	FW NZ BORE @330	B3.100	VOL	RPV-101
B-F	20RHR(2)-2	SE TO PIPE	B5.50	VOL	RHR-104
	20RHR(2)-2	SE TO PIPE	B5.50	SUR	RHR-104
	12RFW(1)BF-12	SE EXT-SE STUB	B5.10	VOL	RFW-102
	12RFW(1)BF-12	SE EXT-SE STUB	B5.10	SUR	RFW-102
	12RFW(1)BF-13	SE STUB TO SE	B5.10	VOL	RFW-102
	12RFW(1)BF-13	SE STUB TO SE	B5.10	SUR	RFW-102
	12RFW(1)BF-14	SE TO N4	B5.10	VOL	RFW-102
	12RFW(1)BF-14	SE TO N4	C5.10	SUR	RFW-102
B-G-1	RPV STUD 35-1-5A	RPV STUD	B6.20	VOL	RPV-101
	RPV STUD 35-1-5A	RPV STUD	B6.30	SUR	RPV-101
	RPV STUD 35-1-12A	RPV STUD	B6.20	VOL	RPV-101
	RPV STUD 35-1-12A	RPV STUD	B6.30	SUR	RPV-101
	RPV STUD 35-1-19A	RPV STUD	B6.20	VOL	RPV-101
	RPV STUD 35-1-19A	RPV STUD	B6.30	SUR	RPV-101
	RPV STUD 35-1-26A	RPV STUD	B6.20	VOL	RPV-101
	RPV STUD 35-1-26A	RPV STUD	B6.30	SUR	RPV-101
	RPV STUD 35-1-33A	RPV STUD	B6.20	VOL	RPV-101
	RPV STUD 35-1-33A	RPV STUD	B6.30	SUR	RPV-101
	RPV STUD 35-1-40A	RPV STUD	B6.20	VOL	RPV-101
	RPV STUD 35-1-40A	RPV STUD	B6.30	SUR	RPV-101
	RPV NUT 36-1-5A	RPV NUT	B6.10	VOL	RPV-101
	RPV NUT 36-1-5A	RPV NUT	B6.10	SUR	RPV-101
	RPV NUT 36-1-12A	RPV NUT	B6.10	VOL	RPV-101
	RPV NUT 36-1-12A	RPV NUT	B6.10	SUR	RPV-101
	RPV NUT 36-1-19A	RPV NUT	B6.10	VOL	RPV-101
	RPV NUT 36-1-19A	RPV NUT	B6.10	SUR	RPV-101
	RPV NUT 36-1-26A	RPV NUT	B6.10	VOL	RPV-101
	RPV NUT 36-1-26A	RPV NUT	B6.10	SUR	RPV-101
	RPV NUT 36-1-33A	RPV NUT	B6.10	VOL	RPV-101

1. OWNER: WASHINGTON PUBLIC POWER SUPPLY SYSTEM, 3000 GEORGE WASHINGTON WAY, P.O. BOX 968,
 RICHLAND, WASHINGTON 99352 2. PLANT: WNP-2, HANFORD RESERVATION, BENTON COUNTY, WA.
 3. PLANT UNIT: WNP-2 4. OWNER CERTIFICATE OF AUTHORIZATION: N/A
 5. COMMERCIAL SERVICE DATE: 12/13/1984 6. NATIONAL BOARD NUMBER: N/A
 10. ABSTRACT OF EXAMINATIONS. LIST OF EXAMINATIONS:

CODE	CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ITEM NO.	METHOD	DRAWING NO.
B-G-1		RPV NUT 36-1-33A	RPV NUT	B6.10	SUR	RPV-101
		RPV NUT 36-1-40A	RPV NUT	B6.10	VOL	RPV-101
		RPV NUT 36-1-40A	RPV NUT	B6.10	SUR	RPV-101
B-G-2		HPCS-V-4-BLT	VALVE BOLTING	B7.70	VT-1	HPCS-101
		4HPCS(1)-1BD	FLANGE BOLTING	B7.50	VT-1	HPCS-101
		HPCS-V-5-BLT	VALVE BOLTING	B7.70	VT-1	HPCS-101
		4LPCS(1)-1BU	FLANGE BOLTING	B7.50	VT-1	LPCS-101
		LPCS-V-51-BLT	VALVE BOLTING	B7.70	VT-1	LPCS-101
		RWCU-V-1-BLT	VALVE BOLTING	B7.70	VT-1	RWCU-101
B-J		20RHR(2)-1	VLV TO SE	B9.11	VOL	RHR-104
		20RHR(2)-1	VLV TO SE	B9.11	SUR	RHR-104
		26MS(1)D-15	PIPE TO VALVE	B9.11	VOL	MS-104
		26MS(1)D-15	PIPE TO VALVE	B9.11	SUR	MS-104
		MS-V-22D/2MS(9)-4	DRAIN CONN	B9.32	SUR	MS-104
		12RFW(1)BF-9	PIPE TO ELL	B9.11	VOL	RFW-102
		12RFW(1)BF-9	PIPE TO ELL	B9.11	SUR	RFW-102
		12RFW(1)BF-10	ELL TO PIPE	B9.11	VOL	RFW-102
		12RFW(1)BF-10	ELL TO PIPE	B9.11	SUR	RFW-102
		12RFW(1)BF-11	PIPE TO SE EXT	B9.11	VOL	RFW-102
		12RFW(1)BF-11	PIPE TO SE EXT	B9.11	SUR	RFW-102
		20RRC(6)-7LUI	ELL SEAM	B9.12	VOL	RRC-105
		20RRC(6)-7LUI	ELL SEAM	B9.12	SUR	RRC-105
		20RRC(6)-7LUQ	ELL SEAM	B9.12	VOL	RRC-105
		20RRC(6)-7LUQ	ELL SEAM	B9.12	SUR	RRC-105
		20RRC(6)-7	ELL TO PIPE	B9.11	VOL	RRC-105
		20RRC(6)-7	ELL TO PIPE	B9.11	SUR	RRC-105
		20RRC(6)-7LD	PIPE SEAM	B9.12	VOL	RRC-105
		20RRC(6)-7LD	PIPE SEAM	B9.12	SUR	RRC-105
		20RRC(6)-7ALU	PIPE SEAM	B9.12	VOL	RRC-105
		20RRC(6)-7ALU	PIPE SEAM	B9.12	SUR	RRC-105
		20RRC(6)-7A	PIPE TO PIPE	B9.11	VOL	RRC-105

1. OWNER: WASHINGTON PUBLIC POWER SUPPLY SYSTEM, 3000 GEORGE WASHINGTON WAY, P.O. BOX 968,
 RICHLAND, WASHINGTON 99352 2. PLANT: WNP-2, HANFORD RESERVATION, BENTON COUNTY, WA.
 3. PLANT UNIT: WNP-2 4. OWNER CERTIFICATE OF AUTHORIZATION: N/A
 5. COMMERCIAL SERVICE DATE: 12/13/1984 6. NATIONAL BOARD NUMBER: N/A
 10. ABSTRACT OF EXAMINATIONS. LIST OF EXAMINATIONS:

CODE CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ITEM NO.	METHOD	DRAWING NO.
B-J	20RRC(6)-7A	PIPE TO PIPE	B9.11	SUR	RRC-105
	20RRC(6)-7ALD	PIPE SEAM	B9.12	VOL	RRC-105
	20RRC(6)-7ALD	PIPE SEAM	B9.12	SUR	RRC-105
	20RRC(6)-8LU	PIPE SEAM	B9.12	VOL	RRC-105
	20RRC(6)-8LU	PIPE SEAM	B9.12	SUR	RRC-105
	20RRC(6)-8	PIPE TO VALVE	B9.11	VOL	RRC-105
	20RRC(6)-8	PIPE TO VALVE	B9.11	SUR	RRC-105
	12RRC(7)B-1	VALVE TO PIPE	B9.11	VOL	RRC-107
	12RRC(7)B-1	VALVE TO PIPE	B9.11	SUR	RRC-107
	12RRC(7)B-1LD	PIPE SEAM	B9.12	VOL	RRC-107
	12RRC(7)B-1LD	PIPE SEAM	B9.12	SUR	RRC-107
B-K-1	RFW-185(W)	4 WELDED LUGS	B10.10	SUR	RFW-102
	RRC-RA-1(W)	1 WELDED LUG	B10.20	SUR	RRC-103
B-M-2	MS-RV-1B-BDY	VALVE BODY	B12.40	VT-3	MS-102
B-N-1	RPV INTERIOR	SURV SPEC HLDRS	B13.10	VT-3	RPV-101
B-P	RPV-PB-101(L)	LK PRES BNDRY	B15.10	VT-2	RPV-101
	RPV-PB-102(L)	LK PRES BNDRY	B15.10	VT-2	RPV-102
	RCIC-PB-101(L)	LK PRES BNDRY	B15.50	VT-2	RCIC-101
	RCIC-PB-102(L)	LK PRES BNDRY	B15.50	VT-2	RCIC-102
	HPCS-PB-101(L)	LK PRES BNDRY	B15.50	VT-2	HPCS-101
	LPCS-PB-101(L)	LK PRES BNDRY	B15.50	VT-2	LPCS-101
	RHR-PB-101(L)	LK PRES BNDRY	B15.50	VT-2	RHR-101
	RHR-PB-102(L)	LK PRES BNDRY	B15.50	VT-2	RHR-102
	RHR-PB-103(L)	LK PRES BNDRY	B15.50	VT-2	RHR-103
	RHR-PB-104(L)	LK PRES BNDRY	B15.50	VT-2	RHR-104
	RHR-PB-105(L)	LK PRES BNDRY	B15.50	VT-2	RHR-105
	RHR-PB-106(L)	LK PRES BNDRY	B15.50	VT-2	RHR-106
	MS-PB-101(L)	LK PRES BNDRY	B15.50	VT-2	MS-101
	MS-PB-102(L)	LK PRES BNDRY	B15.50	VT-2	MS-102

1. OWNER: WASHINGTON PUBLIC POWER SUPPLY SYSTEM, 3000 GEORGE WASHINGTON WAY, P.O. BOX 968,
 RICHLAND, WASHINGTON 99352 2. PLANT: WNP-2, HANFORD RESERVATION, BENTON COUNTY, WA.
 3. PLANT UNIT: WNP-2 4. OWNER CERTIFICATE OF AUTHORIZATION: N/A
 5. COMMERCIAL SERVICE DATE: 12/13/1984 6. NATIONAL BOARD NUMBER: N/A
 10. ABSTRACT OF EXAMINATIONS. LIST OF EXAMINATIONS:

CODE	CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ITEM NO.	METHOD	DRAWING NO.
B-P		MS-PB-103(L)	LK PRES BNDRY	B15.50	VT-2	MS-103
		MS-PB-104(L)	LK PRES BNDRY	B15.50	VT-2	MS-104
		MS-PB-105(L)	LK PRES BNDRY	B15.50	VT-2	MS-105
		MS-PB-106(L)	LK PRES BNDRY	B15.50	VT-2	MS-106
		RFW-PB-101(L)	LK PRES BNDRY	B15.50	VT-2	RFW-101
		RFW-PB-102(L)	LK PRES BNDRY	B15.50	VT-2	RFW-102
		RFW-PB-103(L)	LK PRES BNDRY	B15.50	VT-2	RFW-103
		RRC-PB-101(L)	LK PRES BNDRY	B15.50	VT-2	RRC-101
		RRC-PB-102(L)	LK PRES BNDRY	B15.50	VT-2	RRC-102
		RRC-PB-103(L)	LK PRES BNDRY	B15.50	VT-2	RRC-103
		RRC-PB-104(L)	LK PRES BNDRY	B15.50	VT-2	RRC-104
		RRC-PB-105(L)	LK PRES BNDRY	B15.50	VT-2	RRC-105
		RRC-PB-106(L)	LK PRES BNDRY	B15.50	VT-2	RRC-106
		RRC-PB-107(L)	LK PRES BNDRY	B15.50	VT-2	RRC-107
		RRC-PB-108(L)	LK PRES BNDRY	B15.50	VT-2	RRC-108
		RRC-PB-109(L)	LK PRES BNDRY	B15.50	VT-2	RRC-109
		RRC-PB-110(L)	LK PRES BNDRY	B15.50	VT-2	RRC-110
		RRC-PB-111(L)	LK PRES BNDRY	B15.50	VT-2	RRC-111
		RWCU-PB-101(L)	LK PRES BNDRY	B15.50	VT-2	RWCU-101
		SLC-PB-101(L)	LK PRESS BNDRY	B15.50	VT-2	SLC-101
C-C		RHR-245(W)	8 WELDED LUGS	C3.40	SUR	RHR-201
C-H		RCIC-PB-201(L)	LK PRES BNDRY	C7.20	VT-2	RCIC-201
		RCIC-PB-202(L)	LK PRES BNDRY	C7.20	VT-2	RCIC-202
		RCIC-PB-203(L)	LK PRES BNDRY	C7.20	VT-2	RCIC-203
		RCIC-PB-204(L)	LK PRES BNDRY	C7.20	VT-2	RCIC-204
		RCIC-PB-205(L)	LK PRES BNDRY	C7.20	VT-2	RCIC-205
		HPCS-PB-201(L)	LK PRES BNDRY	C7.20	VT-2	HPCS-201
		HPCS-PB-202(L)	LK PRES BNDRY	C7.20	VT-2	HPCS-202
		LPCS-PB-201(L)	LK PRES BNDRY	C7.20	VT-2	LPCS-201
		LPCS-PB-202(L)	LK PRES BNDRY	C7.20	VT-2	LPCS-202
		RHR-PB-201(L)	LK PRES BNDRY	C7.20	VT-2	RHR-201

1. OWNER: WASHINGTON PUBLIC POWER SUPPLY SYSTEM, 3000 GEORGE WASHINGTON WAY, P.O. BOX 968,
RICHLAND, WASHINGTON 99352
2. PLANT: WNP-2, HANFORD RESERVATION, BENTON COUNTY, WA.
3. PLANT UNIT: WNP-2
4. OWNER CERTIFICATE OF AUTHORIZATION: N/A
5. COMMERCIAL SERVICE DATE: 12/13/1984
6. NATIONAL BOARD NUMBER: N/A
10. ABSTRACT OF EXAMINATIONS. LIST OF EXAMINATIONS:

CODE	CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ITEM NO.	METHOD	DRAWING NO.
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C-H

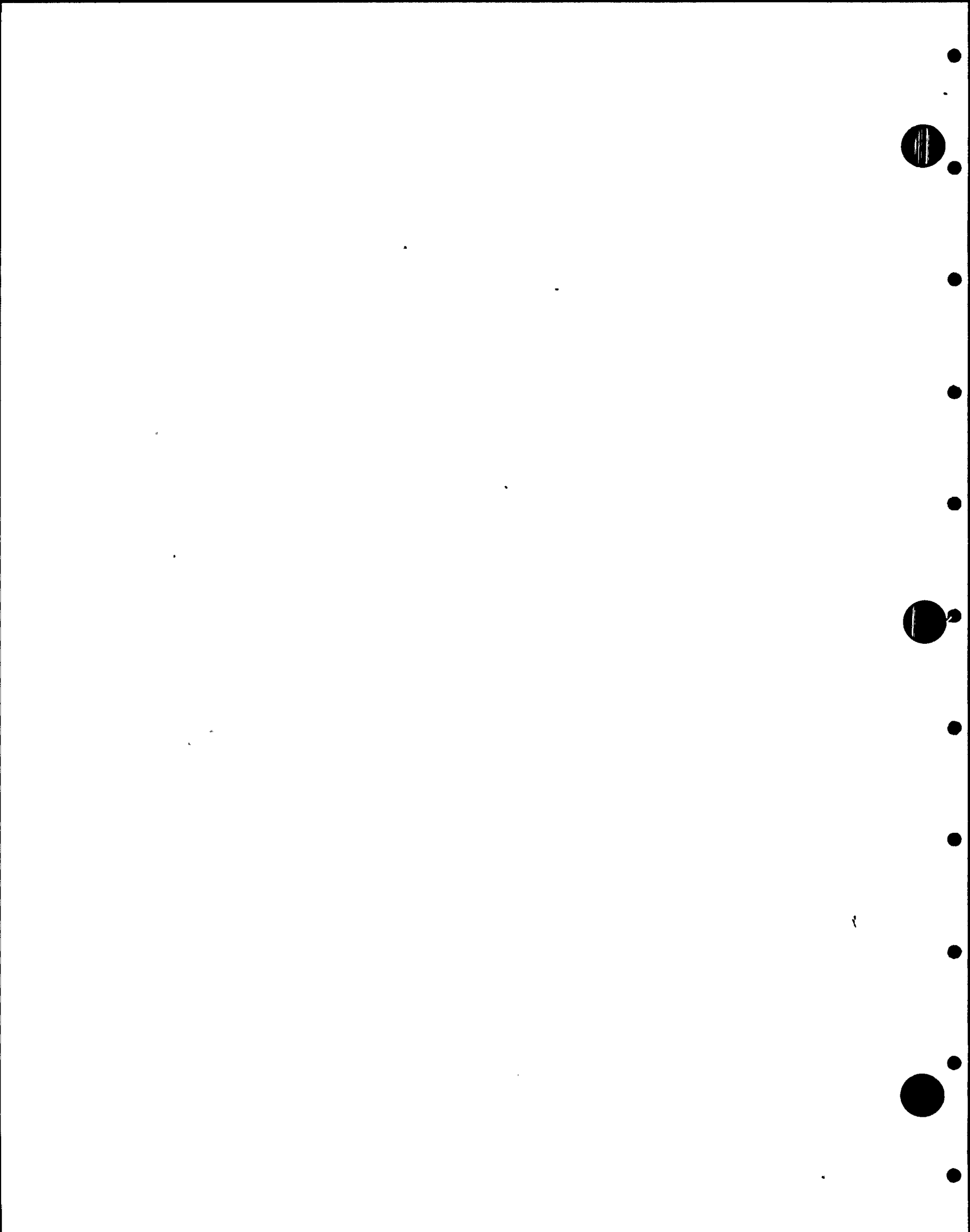
RHR-PB-202(L)	LK PRES BNDRY	C7.20	VT-2	RHR-202
RHR-PB-203(L)	LK PRES BNDRY	C7.20	VT-2	RHR-203
RHR-PB-205(L)	LK PRES BNDRY	C7.20	VT-2	RHR-205
RHR-PB-206(L)	LK PRES BNDRY	C7.20	VT-2	RHR-206
RHR-PB-207(L)	LK PRES BNDRY	C7.20	VT-2	RHR-207
RHR-PB-209(L)	LK PRES BNDRY	C7.20	VT-2	RHR-209
RHR-PB-210(L)	LK PRES BNDRY	C7.20	VT-2	RHR-210
RHR-PB-211(L)	LK PRES BNDRY	C7.20	VT-2	RHR-211
RCC-PB-201(L)	LK PRES BNDRY	C7.21	VT-2	RCC-201
RCC-PB-202(L)	LK PRES BNDRY	C7.21	VT-2	RCC-202
CRD-PB-201(L)	LK PRES BNDRY	C7.21	VT-2	CRD-201
CRD-PB-202(L)	LK PRES BNDRY	C7.21	VT-2	CRD-202

D-A

MS-PB-301(L)	LK PRES BNDRY	D1.10	VT-2	MS-301
MS-PB-302(L)	LK PRES BNDRY	D1.10	VT-2	MS-302
MS-PB-303(L)	LK PRES BNDRY	D1.10	VT-2	MS-303
MS-PB-304(L)	LK PRES BNDRY	D1.10	VT-2	MS-304
MS-PB-305(L)	LK PRES BNDRY	D1.10	VT-2	MS-305
MS-PB-306(L)	LK PRES BNDRY	D1.10	VT-2	MS-306
MS-PB-307(L)	LK PRES BNDRY	D1.10	VT-2	MS-307
MS-PB-308(L)	LK PRES BNDRY	D1.10	VT-2	MS-308
MS-PB-309(L)	LK PRES BNDRY	D1.10	VT-2	MS-309
MS-PB-310(L)	LK PRES BNDRY	D1.10	VT-2	MS-310
MS-PB-311(L)	LK PRES BNDRY	D1.10	VT-2	MS-311
MS-PB-312(L)	LK PRES BNDRY	D1.10	VT-2	MS-312
MS-PB-313(L)	LK PRES BNDRY	D1.10	VT-2	MS-313
MS-PB-314(L)	LK PRES BNDRY	D1.10	VT-2	MS-314
MS-PB-315(L)	LK PRES BNDRY	D1.10	VT-2	MS-315
MS-PB-316(L)	LK PRES BNDRY	D1.10	VT-2	MS-316
MS-PB-317(L)	LK PRES BNDRY	D1.10	VT-2	MS-317
MS-PB-318(L)	LK PRES BNDRY	D1.10	VT-2	MS-318

D-B

SW-PB-301(L)	LK PRES BNDRY	D2.10	VT-2	SW-301
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1. OWNER: WASHINGTON PUBLIC POWER SUPPLY SYSTEM, 3000 GEORGE WASHINGTON WAY, P.O. BOX 968,
 RICHLAND, WASHINGTON 99352 2. PLANT: WNP-2, HANFORD RESERVATION, BENTON COUNTY, WA.
 3. PLANT UNIT: WNP-2 4. OWNER CERTIFICATE OF AUTHORIZATION: N/A
 5. COMMERCIAL SERVICE DATE: 12/13/1984 6. NATIONAL BOARD NUMBER: N/A
 10. ABSTRACT OF EXAMINATIONS. LIST OF EXAMINATIONS:

CODE	CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ITEM NO.	METHOD	DRAWING NO.
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		SW-PB-302(L)	LK PRES BNDRY	D2.10	VT-2	SW-302
		SW-PB-303(L)	LK PRES BNDRY	D2.10	VT-2	SW-303
		SW-PB-304(L)	LK PRES BNDRY	D2.10	VT-2	SW-304
		SW-PB-305(L)	LK PRES BNDRY	D2.10	VT-2	SW-305
		SW-PB-306(L)	LK PRES BNDRY	D2.10	VT-2	SW-306
		SW-PB-307(L)	LK PRES BNDRY	D2.10	VT-2	SW-307
		SW-PB-308(L)	LK PRES BNDRY	D2.10	VT-2	SW-308
		SW-PB-309(L)	LK PRES BNDRY	D2.10	VT-2	SW-309
		SW-PB-310(L)	LK PRES BNDRY	D2.10	VT-2	SW-310
		SW-PB-311(L)	LK PRES BNDRY	D2.10	VT-2	SW-311
		RCC-443(W)	WELDED ATTACH	D2.20	VT-3	RCC-301
		RCC-269(W)	WELDED ATTACH	D2.20	VT-3	RCC-301
		RCC-276(W)	WELDED ATTACH	D2.20	VT-3	RCC-301
		RCC-280(W)	WELDED ATTACH	D2.20	VT-3	RCC-301
		RCC-287(W)	WELDED ATTACH	D2.20	VT-3	RCC-301
		RCC-306(W)	WELDED ATTACH	D2.20	VT-3	RCC-302
		RCC-488(W)	WELDED ATTACH	D2.20	VT-3	RCC-302
		RCC-345(W)	WELDED ATTACH	D2.20	VT-3	RCC-302
		RCC-465(W)	WELDED ATTACH	D2.20	VT-3	RCC-302
		CCH-PB-304(L)	LK PRES BNDRY	D2.10	VT-2	CCH-304

D-C		FPC-PB-301(L)	LK PRES BNDRY	D3.10	VT-2	FPC-301
		FPC-PB-302(L)	LK PRES BNDRY	D3.10	VT-2	FPC-302
		FPC-PB-303(L)	LK PRES BNDRY	D3.10	VT-2	FPC-303
		FPC-PB-304(L)	LK PRES BNDRY	D3.10	VT-2	FPC-304
		FPC-PB-305(L)	LK PRES BNDRY	D3.10	VT-2	FPC-305

IWF		RCIC-946N	STRUT	F-X	VT3H	RCIC-201
		RCIC-945N	PSA-10 SNUBBER	F-X	VT3H	RCIC-201
		RCIC-38	PSA-1 SN(2)	F-X	VT3H	RCIC-201
		RCIC-943N	STRUT	F-X	VT3H	RCIC-201
		RCIC-944N	PSA-3 SN(2)	F-X	VT3H	RCIC-201
		RCIC-961N	PSA-1/4 SNUBBER	F-X	VT3H	RCIC-201

1. OWNER: WASHINGTON PUBLIC POWER SUPPLY SYSTEM, 3000 GEORGE WASHINGTON WAY, P.O. BOX 968,
 RICHLAND, WASHINGTON 99352 2. PLANT: WNP-2, HANFORD RESERVATION, BENTON COUNTY, WA.
 3. PLANT UNIT: WNP-2 4. OWNER CERTIFICATE OF AUTHORIZATION: N/A
 5. COMMERCIAL SERVICE DATE: 12/13/1984 6. NATIONAL BOARD NUMBER: N/A
 10. ABSTRACT OF EXAMINATIONS. LIST OF EXAMINATIONS:

CODE	CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ITEM NO.	METHOD	DRAWING NO.
IWF		HPCS-900N	STRUT	F-X	VT3H	HPCS-201
		HPCS-901N	BOX	F-X	VT3H	HPCS-201
		HPCS-52	ANCHOR	F-X	VT3H	HPCS-201
		HPCS-46	SPRING	F-X	VT3H	HPCS-201
		HPCS-45	SPRING	F-X	VT3H	HPCS-201
		HPCS-47	PSA-3 SN(2)	F-X	VT3H	HPCS-201
		HPCS-48	STRUT	F-X	VT3H	HPCS-201
		HPCS-49	STRUT	F-X	VT3H	HPCS-201
		HPCS-17	STRUT	F-X	VT3H	HPCS-202
		HPCS-16	STRUT	F-X	VT3H	HPCS-202
		HPCS-18	STRUT	F-X	VT3H	HPCS-202
		RHR-243	SPRING	F-X	VT3H	RHR-201
		RHR-1022N	PSA-35 SN(2)	F-X	VT3H	RHR-201
		RHR-244	PSA-35 SNUBBER	F-X	VT3H	RHR-201
		RHR-260	PSA-10 SNUBBER	F-X	VT3H	RHR-201
		RHR-261	SPRING	F-X	VT3H	RHR-201
		RHR-245	BOX	F-X	VT3H	RHR-201
		RHR-963N	BOX	F-X	VT3H	RHR-201
		RHR-463	PSA-3 SNUBBER	F-X	VT3H	RHR-207
		RHR-464	BOX	F-X	VT3H	RHR-207
		RHR-468	SPRING	F-X	VT3H	RHR-207
		RHR-465	PSA-3 SN(2)	F-X	VT3H	RHR-207
		RHR-467	STRUT	F-X	VT3H	RHR-207
		RHR-466	PSA-3 SNUBBER	F-X	VT3H	RHR-207
		RHR-469	SPRING	F-X	VT3H	RHR-207
		RHR-956N	BOX	F-X	VT3H	RHR-207
		RHR-472	PSA-3 SNUBBER	F-X	VT3H	RHR-207
		RHR-473	SPRING	F-X	VT3H	RHR-207
		RHR-475	ANCHOR	F-X	VT3H	RHR-207
		RHR-478	SPRING	F-X	VT3H	RHR-207
		RHR-479	PSA-3 SN(2)	F-X	VT3H	RHR-207
		RHR-480	STRUT	F-X	VT3H	RHR-207
		RHR-481	PSA-35 SNUBBER	F-X	VT3H	RHR-207

1. OWNER: WASHINGTON PUBLIC POWER SUPPLY SYSTEM, 3000 GEORGE WASHINGTON WAY, P.O. BOX 968,
 RICHLAND, WASHINGTON 99352 2. PLANT: WNP-2, HANFORD RESERVATION, BENTON COUNTY, WA.
 3. PLANT UNIT: WNP-2 4. OWNER CERTIFICATE OF AUTHORIZATION: N/A
 5. COMMERCIAL SERVICE DATE: 12/13/1984 6. NATIONAL BOARD NUMBER: N/A
 10. ABSTRACT OF EXAMINATIONS. LIST OF EXAMINATIONS:

CODE	CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ITEM NO.	METHOD	DRAWING NO.
IWF		RHR-486	SPRING	F-X	VT3H	RHR-207
		RHR-485	PSA-10 SNUBBER	F-X	VT3H	RHR-207
		RHR-608	SPRING	F-X	VT3H	RHR-208
		RHR-581	STRUT	F-X	VT3H	RHR-208
		MS-88	SPRING	F-X	VT3H	MS-201
		RFW-185	SPRING	F-X	VT3H	RFW-102
		RRC-HA-4	SPRING	F-X	VT3H	RRC-103
		RRC-HA-5	SPRING	F-X	VT3H	RRC-103
		RRC-SA-3	PSA-100 SNUBBER	F-X	VT3H	RRC-103
		RRC-SA-4	PSA-100 SNUBBER	F-X	VT3H	RRC-103
		RRC-SA-5	PSA-100 SNUBBER	F-X	VT3H	RRC-103
		RRC-900N	STRUT	F-X	VT3H	RRC-103
		RRC-SA-6	PSA-100 SNUBBER	F-X	VT3H	RRC-103
		RRC-RA-1	STRUT	F-X	VT3H	RRC-103
		RRC-HB-2	SPRING	F-X	VT3H	RRC-103
		RRC-HB-3	SPRING	F-X	VT3H	RRC-103
		RRC-HB-4	SPRING	F-X	VT3H	RRC-103
		RRC-HB-5	SPRING	F-X	VT3H	RRC-103
		RRC-901N	STRUT	F-X	VT3H	RRC-103
		RHR-SA-51	PSA-35 SNUBBER	F-X	VT3H	RRC-105
		RHR-SA-52	PSA-10 SNUBBER	F-X	VT3H	RRC-105
		RRC-3	SPRING	F-X	VT3H	RRC-108
		RRC-4	SPRING	F-X	VT3H	RRC-108
		RWCU-1C-2PS	STRUT	F-X	VT3H	RWCU-101
		RWCU-140	SPRING	F-X	VT3H	RWCU-101
		RWCU-1C-2	PSA-1 SNUBBER	F-X	VT3H	RWCU-101
		RWCU-1C-1PS	PIPE STOP	F-X	VT3H	RWCU-101
		RWCU-139	SPRING	F-X	VT3H	RWCU-101
		FPC-54	BOX	F-X	VT3H	FPC-301
		FPC-55	BOX	F-X	VT3H	FPC-301
		FPC-56	BOX	F-X	VT3H	FPC-301
		FPC-53	BOX	F-X	VT3H	FPC-301
		FPC-130	BOX	F-X	VT3H	FPC-301

1. OWNER: WASHINGTON PUBLIC POWER SUPPLY SYSTEM, 3000 GEORGE WASHINGTON WAY, P.O. BOX 968,
 RICHLAND, WASHINGTON 99352 2. PLANT: WNP-2, HANFORD RESERVATION, BENTON COUNTY, WA.
 3. PLANT UNIT: WNP-2 4. OWNER CERTIFICATE OF AUTHORIZATION: N/A
 5. COMMERCIAL SERVICE DATE: 12/13/1984 6. NATIONAL BOARD NUMBER: N/A
 10. ABSTRACT OF EXAMINATIONS. LIST OF EXAMINATIONS:

CODE	CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ITEM NO.	METHOD	DRAWING NO.
IWF		FPC-129	BOX	F-X	VT3H	FPC-301
		FPC-128	BOX	F-X	VT3H	FPC-301
		FPC-127	BOX	F-X	VT3H	FPC-301
		FPC-65	PSA-1 SNUBBER	F-X	VT3H	FPC-301
		FPC-916N	SPRING	F-X	VT3H	FPC-301
		FPC-918N	PSA-1 SNUBBER	F-X	VT3H	FPC-301
		FPC-88	SPRING	F-X	VT3H	FPC-301
		FPC-101	RIGID	F-X	VT3H	FPC-301
		FPC-87	BOX	F-X	VT3H	FPC-301
		FPC-195	BOX	F-X	VT3H	FPC-304
		FPC-196	BOX	F-X	VT3H	FPC-304
		FPC-197	BOX	F-X	VT3H	FPC-304
		FPC-198	BOX	F-X	VT3H	FPC-304
		FPC-199	BOX	F-X	VT3H	FPC-304
		FPC-200	BOX	F-X	VT3H	FPC-304
		FPC-202	BOX	F-X	VT3H	FPC-304
		FPC-906N	BOX	F-X	VT3H	FPC-304
		FPC-203	BOX	F-X	VT3H	FPC-304
		FPC-204	BOX	F-X	VT3H	FPC-304
		FPC-205	RIGID	F-X	VT3H	FPC-304
		FPC-83	RIGID	F-X	VT3H	FPC-305
		FPC-82	RIGID	F-X	VT3H	FPC-305
		FPC-79	RIGID	F-X	VT3H	FPC-305
		FPC-78	BOX	F-X	VT3H	FPC-305
		FPC-167	BOX	F-X	VT3H	FPC-305
		FPC-166	BOX	F-X	VT3H	FPC-305
		FPC-911N	BOX	F-X	VT3H	FPC-305
		FPC-165	BOX	F-X	VT3H	FPC-305
		FPC-206	BOX	F-X	VT3H	FPC-305
		FPC-164	BOX	F-X	VT3H	FPC-305
		FPC-163	BOX	F-X	VT3H	FPC-305
		FPC-912N	BOX	F-X	VT3H	FPC-305
		FPC-214	BOX	F-X	VT3H	FPC-305

1. OWNER: WASHINGTON PUBLIC POWER SUPPLY SYSTEM, 3000 GEORGE WASHINGTON WAY, P.O. BOX 968,
 RICHLAND, WASHINGTON 99352 2. PLANT: WNP-2, HANFORD RESERVATION, BENTON COUNTY, WA.
 3. PLANT UNIT: WNP-2 4. OWNER CERTIFICATE OF AUTHORIZATION: N/A
 5. COMMERCIAL SERVICE DATE: 12/13/1984 6. NATIONAL BOARD NUMBER: N/A
 10. ABSTRACT OF EXAMINATIONS. LIST OF EXAMINATIONS:

CODE CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ITEM NO.	METHOD	DRAWING NO.
IWF	FPC-215	BOX	F-X	VT3H	FPC-305
	FPC-216	BOX	F-X	VT3H	FPC-305
	FPC-240	BOX	F-X	VT3H	FPC-305
	FPC-230	SPRING	F-X	VT3H	FPC-305
	FPC-227	PSA-3 SNUBBER	F-X	VT3H	FPC-305
	FPC-225	STRUT	F-X	VT3H	FPC-305
	FPC-5	SPRING	F-X	VT3H	FPC-308
	FPC-6	STRUT	F-X	VT3H	FPC-308
	FPC-8	STRUT	F-X	VT3H	FPC-308
	FPC-9	BOX	F-X	VT3H	FPC-308
	FPC-10	BOX	F-X	VT3H	FPC-308
	FPC-11	BOX	F-X	VT3H	FPC-308
	FPC-12	STRUT	F-X	VT3H	FPC-308
	FPC-13	BOX	F-X	VT3H	FPC-308
	FPC-14	STRUT	F-X	VT3H	FPC-308
	FPC-17	STRUT	F-X	VT3H	FPC-308
	FPC-18	SPRING	F-X	VT3H	FPC-308
	FPC-19	BOX	F-X	VT3H	FPC-308
	FPC-20	STRUT	F-X	VT3H	FPC-308
	RCC-255	BOX	F-X	VT3H	RCC-201
	RCC-256	SPRING	F-X	VT3H	RCC-201
	RCC-389	SPRING	F-X	VT3H	RCC-202
	RCC-912N	STRUT	F-X	VT3H	RCC-301
	RCC-478	STRUT	F-X	VT3H	RCC-301
	RCC-443	ANCHQR	F-X	VT3H	RCC-301
	RCC-269	BOX	F-X	VT3H	RCC-301
	RCC-908N	BOX	F-X	VT3H	RCC-301
	RCC-274	SPRING	F-X	VT3H	RCC-301
	RCC-276	BOX	F-X	VT3H	RCC-301
	RCC-279	SPRING	F-X	VT3H	RCC-301
	RCC-280	ANCHQR	F-X	VT3H	RCC-301
	RCC-285	STRUT	F-X	VT3H	RCC-301
	RCC-469	STRUT	F-X	VT3H	RCC-301

1. OWNER: WASHINGTON PUBLIC POWER SUPPLY SYSTEM, 3000 GEORGE WASHINGTON WAY, P.O. BOX 968,
 RICHLAND, WASHINGTON 99352 2. PLANT: WNP-2, HANFORD RESERVATION, BENTON COUNTY, WA.
 3. PLANT UNIT: WNP-2 4. OWNER CERTIFICATE OF AUTHORIZATION: N/A
 5. COMMERCIAL SERVICE DATE: 12/13/1984 6. NATIONAL BOARD NUMBER: N/A
 10. ABSTRACT OF EXAMINATIONS. LIST OF EXAMINATIONS:

CODE CATEGORY	IDENTIFICATION NO.	DESCRIPTION	ITEM NO.	METHOD	DRAWING NO.
IWF	RCC-287	ANCHOR	F-X	VT3H	RCC-301
	RCC-306	BOX	F-X	VT3H	RCC-302
	RCC-462	SPRING	F-X	VT3H	RCC-302
	RCC-488	BOX	F-X	VT3H	RCC-302
	SLC-4453-33	RIGID	F-X	VT3H	SLC-101
	SLC-4453-35	RIGID	F-X	VT3H	SLC-101
	SLC-4453-36	RIGID	F-X	VT3H	SLC-101
	SLC-4453-38	RIGID	F-X	VT3H	SLC-101
	SLC-4453-41	RIGID	F-X	VT3H	SLC-101
	SLC-4453-42	RIGID	F-X	VT3H	SLC-101
	SLC-4453-43	RIGID	F-X	VT3H	SLC-101
	SLC-4453-44	RIGID	F-X	VT3H	SLC-101
	SLC-4453-45	RIGID	F-X	VT3H	SLC-101
	SLC-4453-46	RIGID	F-X	VT3H	SLC-101
	SLC-4453-55	RIGID	F-X	VT3H	SLC-101
	SLC-4453-56	RIGID	F-X	VT3H	SLC-101
	SLC-4453-57	RIGID	F-X	VT3H	SLC-101
	SLC-4453-63	RIGID	F-X	VT3H	SLC-101
	SLC-4453-65	RIGID	F-X	VT3H	SLC-101
	SLC-4475-11	RIGID	F-X	VT3H	SLC-101
	SLC-4475-17	RIGID	F-X	VT3H	SLC-101
	SLC-4475-18	RIGID	F-X	VT3H	SLC-101
	SLC-4475-19	STRUT	F-X	VT3H	SLC-101
	SLC-4475-110	RIGID	F-X	VT3H	SLC-101

APPENDIX B

Appendix B summarizes the results of ISI examinations completed at Outage RF91A. Outage RF91A is identified as "R6" in this summary.

The following notes in the REMARKS column apply:

- (1) This weld did not receive full UT coverage from both sides. It did receive full coverage from one side and meets ASME Section XI Code requirements.
- (2) This weld did not receive full ASME Section XI Code coverage.

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RPV-101

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RPV
DESCRIPTION: NOZZLES - SHELL

PAGE 001
DATE 12/05/91

IDENT. NO.	EXAM. METHOD	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
N4-330-IR	VOL	1RPU-061	25, 70				NO RECORDABLE INDICATIONS. EXAMINERS RECEIVED ABOUT 300MP ON N4-330-IR AND N4-330-NB EXAM
N4-330-NB	VOL	1RPU-061	25, 70				NO RECORDABLE INDICATIONS EXAMINERS RECEIVED ABOUT 300MP ON N4-330-NB AND N4-330-IR EXAMS

WNP-02
 INTERVAL: 01
 PERIOD: 02
 OUTAGE: R6
 DRAWING NO. RPV-101

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
 SYSTEM OR COMPONENT RPV
 DESCRIPTION: RPV STUDS, NUTS, ETC

PAGE 002
 DATE 12/05/91

IDENT. NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY OTHER		
RPV STUD 35-1-5A	VOL	1RPU-063	0				NO RECORDABLE INDICATIONS
	SUR	1RPM-032	ACC				NO RECORDABLE INDICATIONS
RPV STUD 35-1-12A	VOL	1RPU-063	0				NO RECORDABLE INDICATIONS
	SUR	1RPM-032	ACC				NO RECORDABLE INDICATIONS
RPV STUD 35-1-19A	VOL	1RPU-063	0				NO RECORDABLE INDICATIONS
	SUR	1RPM-032	ACC				NO RECORDABLE INDICATIONS
RPV STUD 35-1-26A	VOL	1RPU-063	0				NO RECORDABLE INDICATIONS
	SUR	1RPM-032	ACC				NO RECORDABLE INDICATIONS
RPV STUD 35-1-33A	VOL	1RPU-063	0				NO RECORDABLE INDICATIONS
	SUR	1RPM-032	ACC				NO RECORDABLE INDICATIONS
RPV STUD 35-1-40A	VOL	1RPU-063	0				NO RECORDABLE INDICATIONS
	SUR	1RPM-032	ACC				NO RECORDABLE INDICATIONS
RPV NUT 36-1-5A	VOL	1RPU-062	0, 37, 45				NO RECORDABLE INDICATIONS
	SUR	1RPM-033	ACC				NO RECORDABLE INDICATIONS
RPV NUT 36-1-12A	VOL	1RPU-062	0, 37, 45				NO RECORDABLE INDICATIONS

WNP-02
 INTERVAL: 01
 PERIOD: 02
 OUTAGE: R6
 DRAWING NO. RPV-101

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
 SYSTEM OR COMPONENT RPV
 DESCRIPTION: RPV STUDS, NUTS, ETC

PAGE 003
 DATE 12/05/91

IDENT. NO.	EXAM. METHOD	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
RPV NUT 36-1-19A	SUR	1RPM-033	ACC				NO RECORDABLE INDICATIONS
	VOL	1RPU-062	0,37,45				NO RECORDABLE INDICATIONS
RPV NUT 36-1-26A	SUR	1RPM-033	ACC				NO RECORDABLE INDICATIONS
	VOL	1RPU-062	0,37,45				NO RECORDABLE INDICATIONS
RPV NUT 36-1-33A	SUR	1RPM-033	ACC				NO RECORDABLE INDICATIONS
	VOL	1RPU-062	0,37,45				NO RECORDABLE INDICATIONS
RPV NUT 36-1-40A	SUR	1RPM-033	ACC				NO RECORDABLE INDICATIONS
	VOL	1RPU-062	0,37,45				NO RECORDABLE INDICATIONS
RPV WASHERS	SUR	1RPM-033	ACC				NO RECORDABLE INDICATIONS
	VT-1	1RPV-126	ACC				WASHERS WERE EXAMINED FOR THE FOLLOWING STUDS: 35-1-5A, -12A, -19A, -26A, -33A AND -40A. NO RECORDABLE INDICATIONS WERE NOTED.
JET PUMP BEAMS	VT-3	1RPV-127	ACC				LIMITED EXAM, VT-3 INSTEAD OF VT-1 NO PHYSICAL DAMAGE/ABNORMAL COND. BEAM AND KEEPER IN PROPER POSITION VT-1 TO BE PERFORMED AT R7



WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RPV-101

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RPV
DESCRIPTION: RPV STUDS, NUTS, ETC

PAGE 004
DATE 12/05/91

IDENT..NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
	VOL	1RPU-064	ACC				NO RECORDABLE INDICATIONS REF. GE LTR EPB-91-7
JET PUMP SENSING LINES	VT-1	1RPV-128	ACC				NO RECORDABLE INDICATIONS
INCORE DRY TUBES	VT-1	1RPV-128	ACC				NO RECORDABLE INDICATIONS ONLY TUBE AT 49-52 AZ, 381-321 EL EXAMINED DUE TO IND. NOTED AT R-5.
CORE SPRAY SPARGERS	VT-1	1RPV-128	ACC				NO RECORDABLE INDICATIONS
STEAM DRYER	VT-3	1RPV-128		ACC			NO RECORD. INDICATIONS EXCEPT FOR 7 SHALLOW SCRAPES ON SEPARATOR AND SUPERFICIAL DAMAGE TO DRYER BANK PLATE @ 40 AZ THAT OCCURRED WHEN MOVING SEPARATOR (PER 291-276)

WNP-02
INTERVAL: 01
PERIOD: 2
OUTAGE: R6
DRAWING NO. RPV-101

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RPV
DESCRIPTION: 2 SURV SPEC HLDR

PAGE 005
DATE 12/05/91

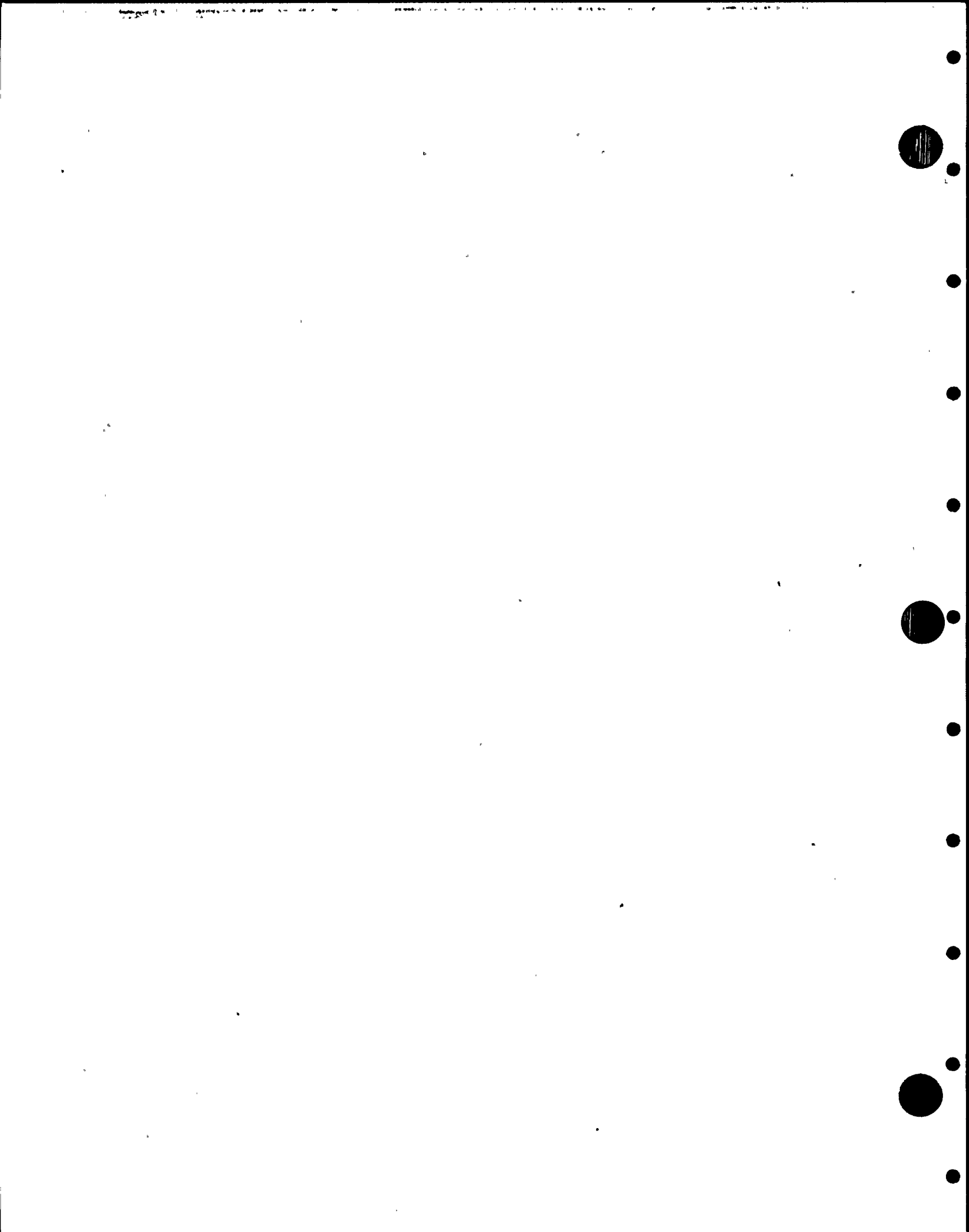
<u>IDENT. NO.</u> RPV INTERIOR	EXAM. DATA SHEET NO.	EXAM. DATA SHEET NO.	<u>EXAMINATION RESULTS</u>				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
			<u>INDIC.</u>	<u>INDIC.</u>	<u>GEOMETRY</u>	<u>OTHER</u>	
VT-3	1RPV-128	ACC					NO RECORDABLE INDICATIONS FOR 30 & 320 AZ SPECIMEN HLDRS. NEW SPEC. HLDR W/SPECIMENS RECOVERED AT R4 INSTALLED AT 120 AZ. H

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RPV-101

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RPV
DESCRIPTION: RPV STUDS, NUTS, ETC

PAGE 006
DATE 12/05/91

<u>IDENT..NO.</u> RPV-PB-101(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	<u>EXAMINATION RESULTS</u>				<u>REMARKS</u>
			<u>NO</u> <u>INDIC.</u>	<u>INSIGNIF</u> <u>INDIC.</u>	<u>SIGNIFICANT</u> <u>GEOMETRY</u>	<u>OTHER</u>	
	VI-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS

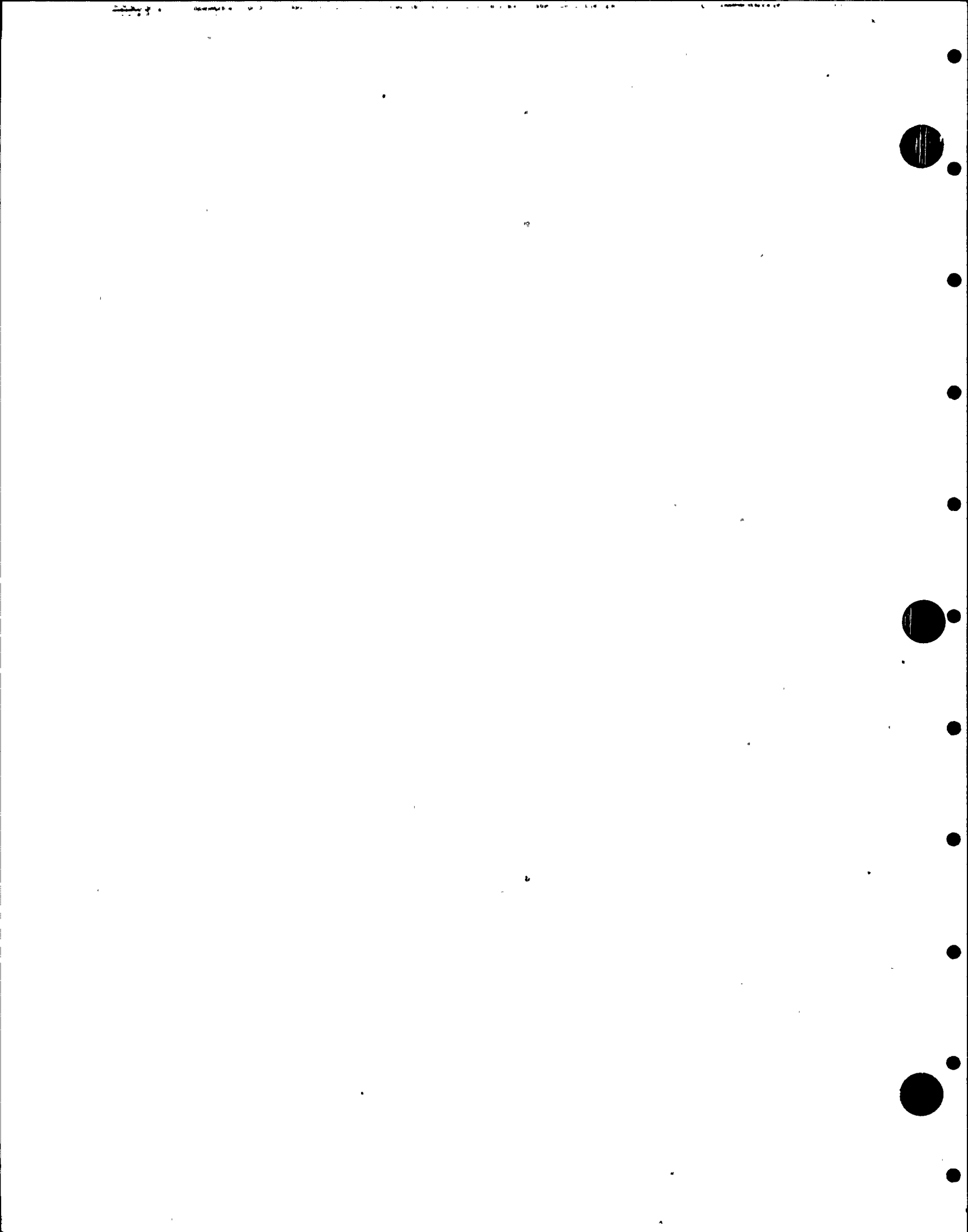


WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RPV-102

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RPV
DESCRIPTION: TOP & BTM HD NOZZLES

PAGE 001
DATE 12/05/91

IDENT..NO.---	EXAM. MTH.---	EXAM. SHEET NO.---	EXAMINATION RESULTS				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
			INDIC.	INDIC.	GEOMETRY	OTHER	
RPV-PB-102(L)	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS



WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RCIC-101

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RCIC(13)-4
DESCRIPTION: RCIC STEAM SUPPLY

PAGE 001
DATE 12/05/91

IDENT. NO. RCIC-PB-101(L)	EXAM. MIH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMEIRY	OTHER	
	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RCIC-102

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RCIC(1)-4
DESCRIPTION: RPV HEAD SPRAY

PAGE 001
DATE 12/05/91

<u>IDENT..NO.</u>	<u>EXAM.</u>	<u>DATA</u>	<u>EXAMINATION RESULTS</u>				<u>REMARKS</u>
			<u>NO</u>	<u>INSIGNIF</u>	<u>SIGNIFICANT</u>		
<u>RCIC-PB-102(L)</u>	<u>MTN.</u>	<u>NO.</u>	<u>INDIC.</u>	<u>INDIC.</u>	<u>GEOMETRY</u>	<u>OTHER</u>	
	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS

WNP-02
 INTERVAL: 01
 PERIOD: 02
 OUTAGE: R6
 DRAWING NO. RCIC-201

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
 SYSTEM OR COMPONENT RCIC(13)-4
 DESCRIPTION: RCIC STEAM SUPPLY

PAGE 001
 DATE 12/05/91

IDENT..NO.-----	EXAM. MTH.	EXAM. DATA SHEET NO.-----	EXAMINATION RESULTS-----				REMARKS-----
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY OTHER		
RCIC-946N	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RCIC-945N	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RCIC-38	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RCIC-943N	VT3H	1HV-0213		ACC			NO RECORDABLE INDICATIONS EXCEPT FOR RUST ON SOME WELDS AND STEEL SURFACES
RCIC-944N	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RCIC-34	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS. LINE INSULATED AND HOT, BOTH EARS OF CLAMP VISIBLF AND ACC
RCIC-961N	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS LINE INSULATED, LINE VIBRATES

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. HPCS-101

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT HPCS(1)-4
DESCRIPTION: HIGH PRES CORE SPRAY

PAGE 001
DATE 12/05/91

IDENT..NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMEIRY	OTHER	
HPCS-V-4-BLT	VT-1	1HPV-006	ACC				NO RECORDABLE INDICATIONS
4HPCS(1)-1BD	VT-1	1HPV-005	ACC				MINOR CORROSION PRESENT
HPCS-V-5-BLT	VT-1	1HPV-004	ACC				NO RECORDABLE INDICATIONS MINOR RUST PRESENT
HPCS-PB-101(L)	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. HPCS-201

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT HPCS(2)-1
DESCRIPTION: HPCS-P-1 SUCTION

PAGE 001
DATE 12/05/91

IDENT..NO.-----	EXAM. MTH.-----	EXAM. DATA SHEET NO.-----	EXAMINATION RESULTS-----				REMARKS-----
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY OTHER		
HPCS-900N	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
HPCS-901N	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
HPCS-52	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
HPCS-46	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
HPCS-45	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
HPCS-47	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
HPCS-48	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
HPCS-49	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
HPCS-PB-201(L)	VT-2	1HPV-007	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. HPCS-202

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT HPCS(1)-4
DESCRIPTION: HPCS-P-1 DISCHARGE

PAGE 001
DATE 12/05/91

EXAM. DATA SHEET NO.	EXAMINATION RESULTS
	NO INSIGNIF SIGNIFICANT
	INDIC. INDIC. GEOMETRY OTHER

IDENT. NO.	EXAM. MTH.	NO.	INDIC.	INDIC.	GEOMETRY	OTHER	REMARKS
HPCS-17	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
HPCS-16	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
HPCS-18	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
HPCS-PB-202(L)	YT-2	1HPV-007	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. LPCS-101

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT LPCS(1)-4
DESCRIPTION: LOW PRES CORE SPRAY

PAGE 001
DATE 12/05/91

IDENT..NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
4LPCS(1)-1BU	VT-1	1LPV-006	ACC				NO RECORDABLE INDICATIONS MINOR RUST PRESENT
LPCS-V-51-BLT	VT-1	1LPV-005	ACC				NO RECORDABLE INDICATIONS MINOR RUST PRESENT.
LPCS-PB-101(L)	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. LPCS-201

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT LPCS(2)-1
DESCRIPTION: LPCS-P-1 SUCTION

PAGE 001
DATE 12/05/91

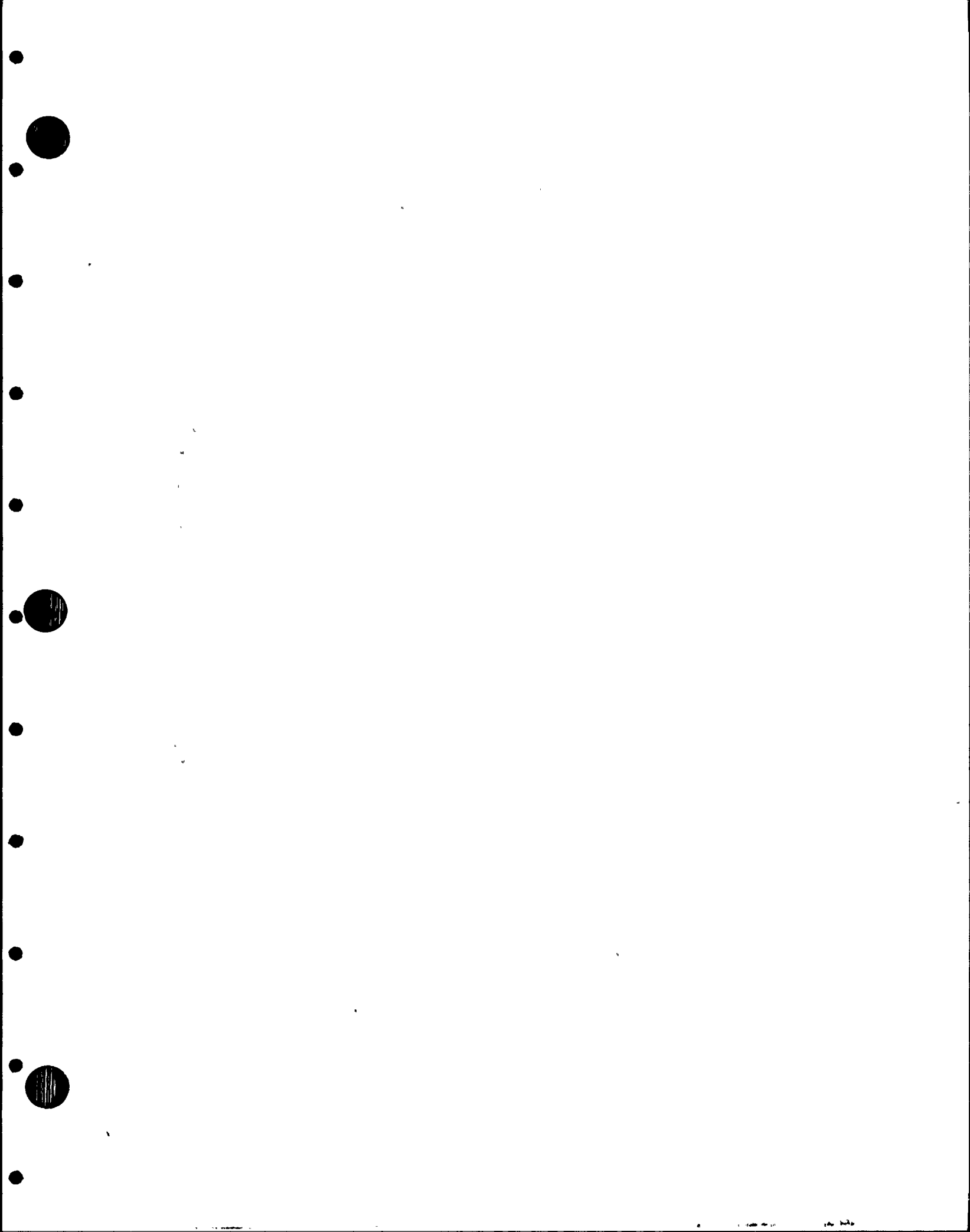
IDENT..NO.	EXAM. DATA SHEET NO.	EXAM. MIH. NO.	EXAMINATION RESULTS				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
			INDIC.	INDIC.	GEOMETRY	OTHER	
LPCS-PB-201(L)	VT-2	1LPV-007	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. LPCS-202

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT LPCS(1)-2
DESCRIPTION: LPCS-P-1 DISCHARGE

PAGE 001
DATE 12/05/91

IDENT..NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
			INDIC.	INDIC.	GEOMETRY	OTHER	
LPCS-PB-202(L)	VT-2	1LPV-007	ACC				NO RECORDABLE INDICATIONS



WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RHR-102

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RHR(1)-4
DESCRIPTION: RHR/LPCI LOOP "B"

PAGE 001
DATE 12/05/91

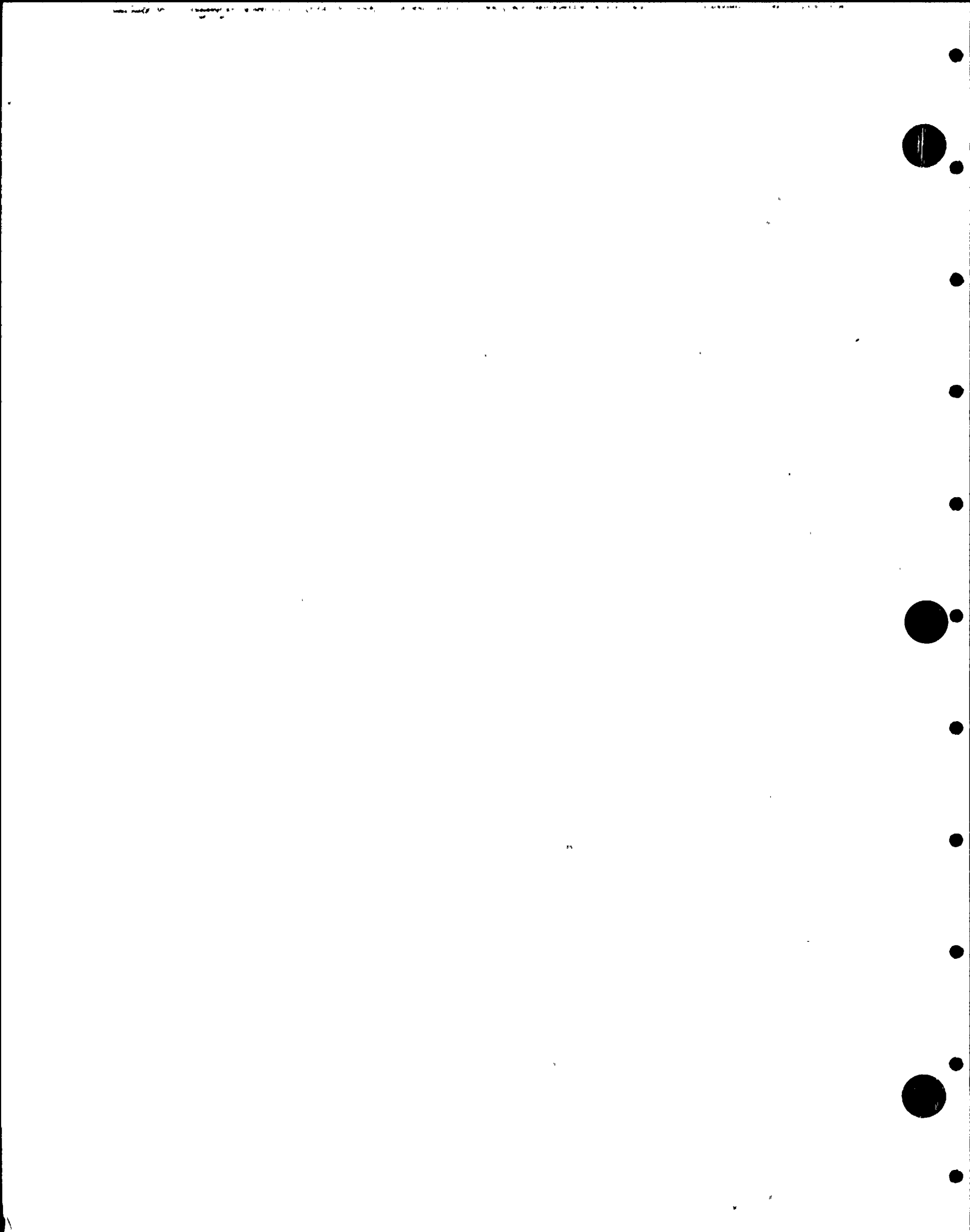
IDENT. NO. RHR-PB-102(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RHR-101

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RHR(1)-4
DESCRIPTION: RHR/LPCI LOOP "A"

PAGE 001
DATE 12/05/91

IDENT..NO.---	EXAM. MTH.	EXAM. DATA SHEET NO.---	EXAMINATION RESULTS-----				REMARKS-----
			NO	INSIGNIF	SIGNIFICANT		
			INDIC.	INDIC.	GEOMETRY	OTHER	
RHR-PR-101(L)	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS

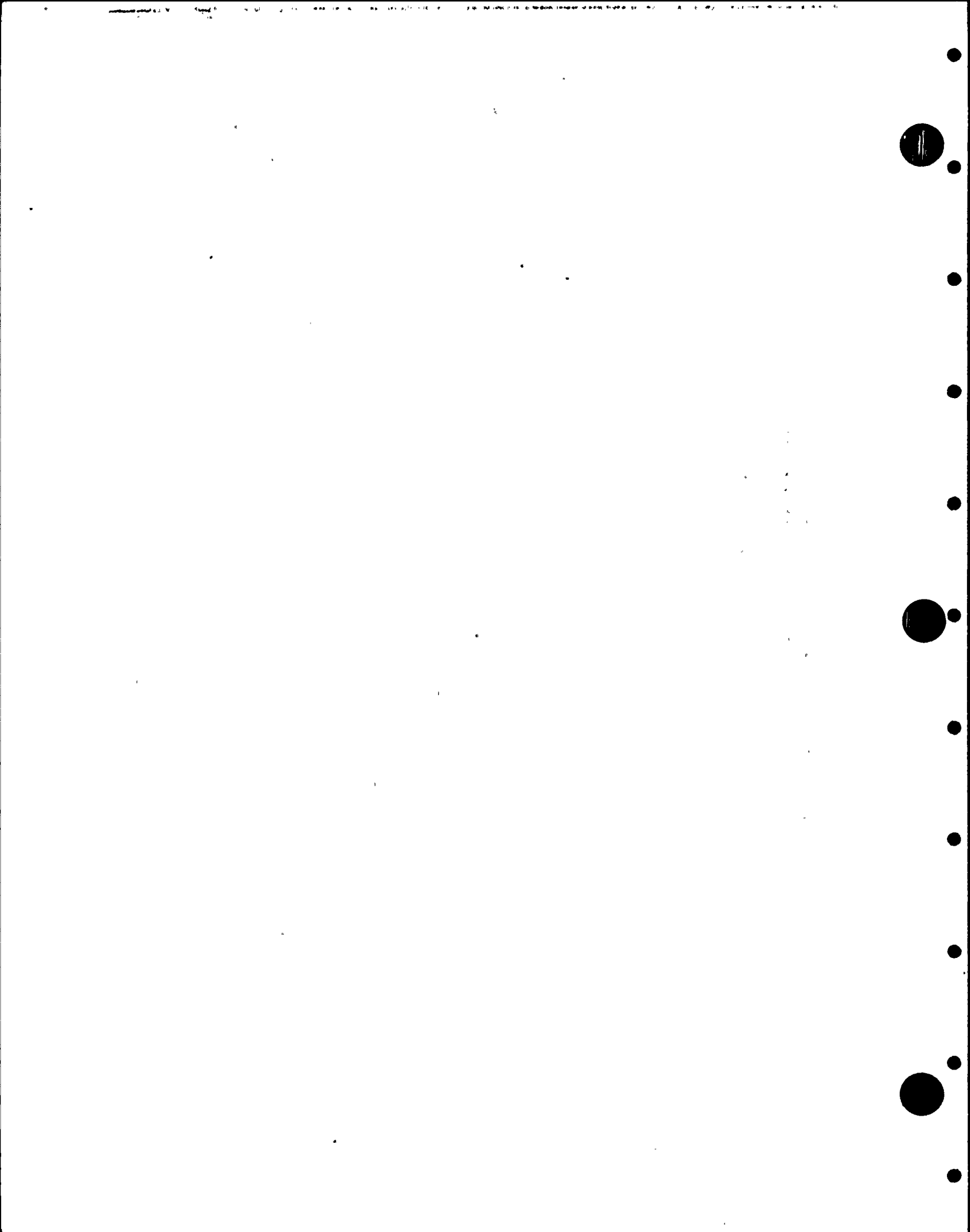


WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RHR-103

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RHR(1)-4
DESCRIPTION: RHR SHUTDOWN COOL SUCTION

PAGE 001
DATE 12/05/91

IDENT. NO.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS		REMARKS
		NO INDIC.	INSIGNIF SIGNIFICANT INDIC. INDIC. GEOMETRY OTHER	
RHR-PB-103(L)	VT-2	1VT2-91	ACC	NO RECORDABLE INDICATIONS



WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RHR-104

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RHR(2)-4
DESCRIPTION: RHR SHUTDN COOL SUCT

PAGE 001
DATE 12/05/91

IDENT..NO.-----	EXAM. MTH.	EXAM. DATA SHEET NO.-----	EXAMINATION RESULTS				REMARKS-----
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY OTHER		
20RHR (2) -1	VOL	1RHU-083		45			INTERPITTENT ID GEOM NOTED
		1RHU-085		45			ID GEOM NOTED 3 PLACES NO DNSTM EXAM DUE TO VALVE CONFIG
20RHR (2) -2	SUR	1RHP-062	ACC				NO RECORDABLE INDICATIONS
	VOL	1RHU-084	45				NO RECORDABLE INDICATIONS SEE NOTE 1
		1RHU-085		60RL			ID GEOM NOTED NO EXAM ON UPSTM SIDE DUE TO VALVE CONFIG SEE NCTE 1
RHR-PB-104 (L)	SUR	1RHP-063	ACC				NO RECORDABLE INDICATIONS
	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RHR-105

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RHR(1)-4S
DESCRIPTION: SHUTDN COOL RET LP-A

PAGE 001
DATE 12/05/91

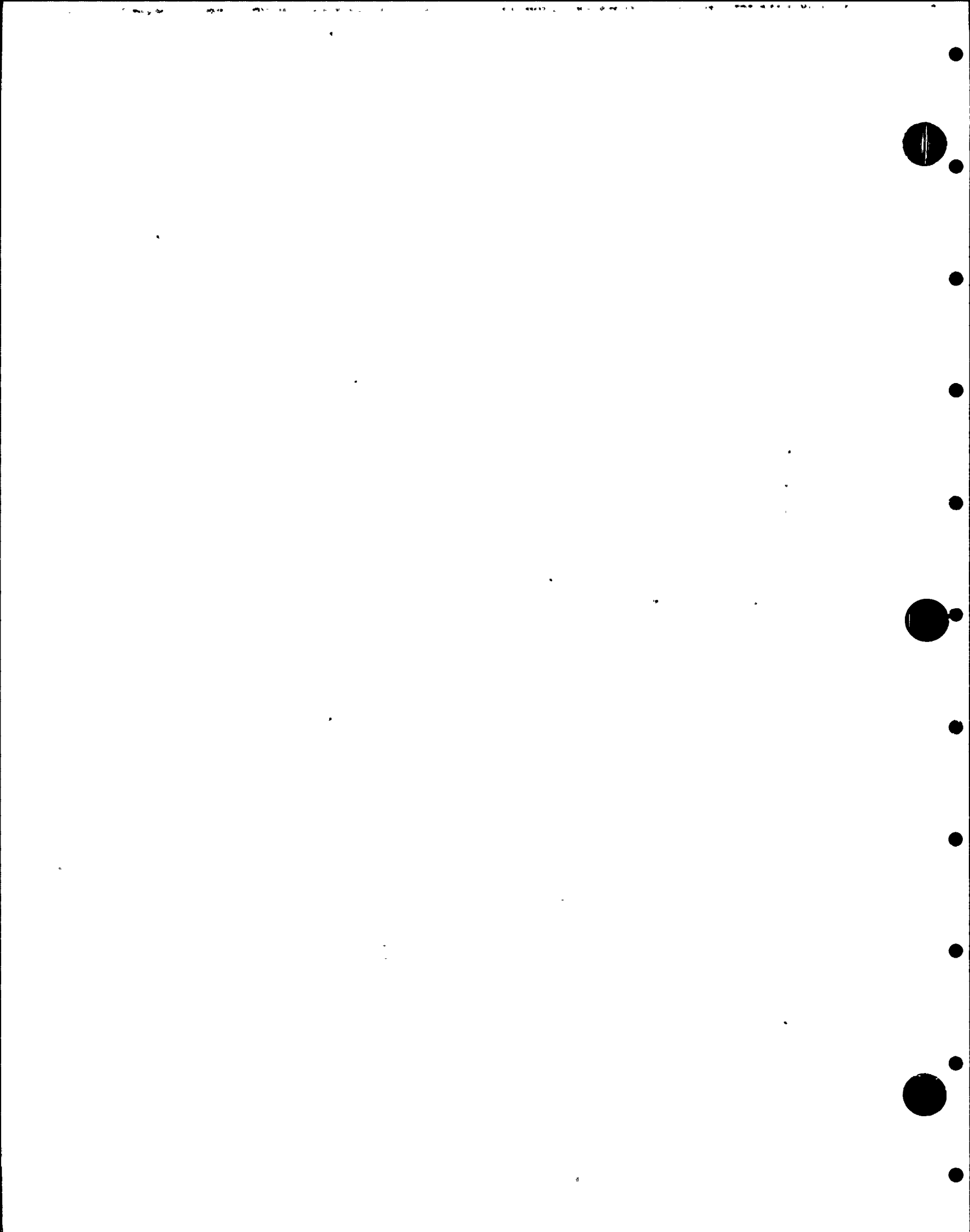
		EXAM.	EXAMINATION RESULTS					
		DATA						
		SHEET	NO	INSIGNIF	SIGNIFICANT			
IDENT. NO.	EXAM.	NO.	INDIC.	INDIC.	GEOMETRY	OTHER	REMARKS	
RHR-PB-105(L)	MTM.							
	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS	

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RHR-106

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RHR(1)-4S
DESCRIPTION: SHUTDN COOL RET LP-B

PAGE 001
DATE 12/05/91

<u>IDENT..NO.</u> RHR-PB-106(L)	<u>EXAM.</u> <u>MTH.</u>	<u>EXAM.</u> <u>DATA</u> <u>SHEET</u> <u>NO.</u>	<u>EXAMINATION RESULTS</u>				<u>REMARKS</u>
			<u>NO</u>	<u>INSIGNIF</u>	<u>SIGNIFICANT</u>		
			<u>INDIC.</u>	<u>INDIC.</u>	<u>GEOMETRY</u>	<u>OTHER</u>	
	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS

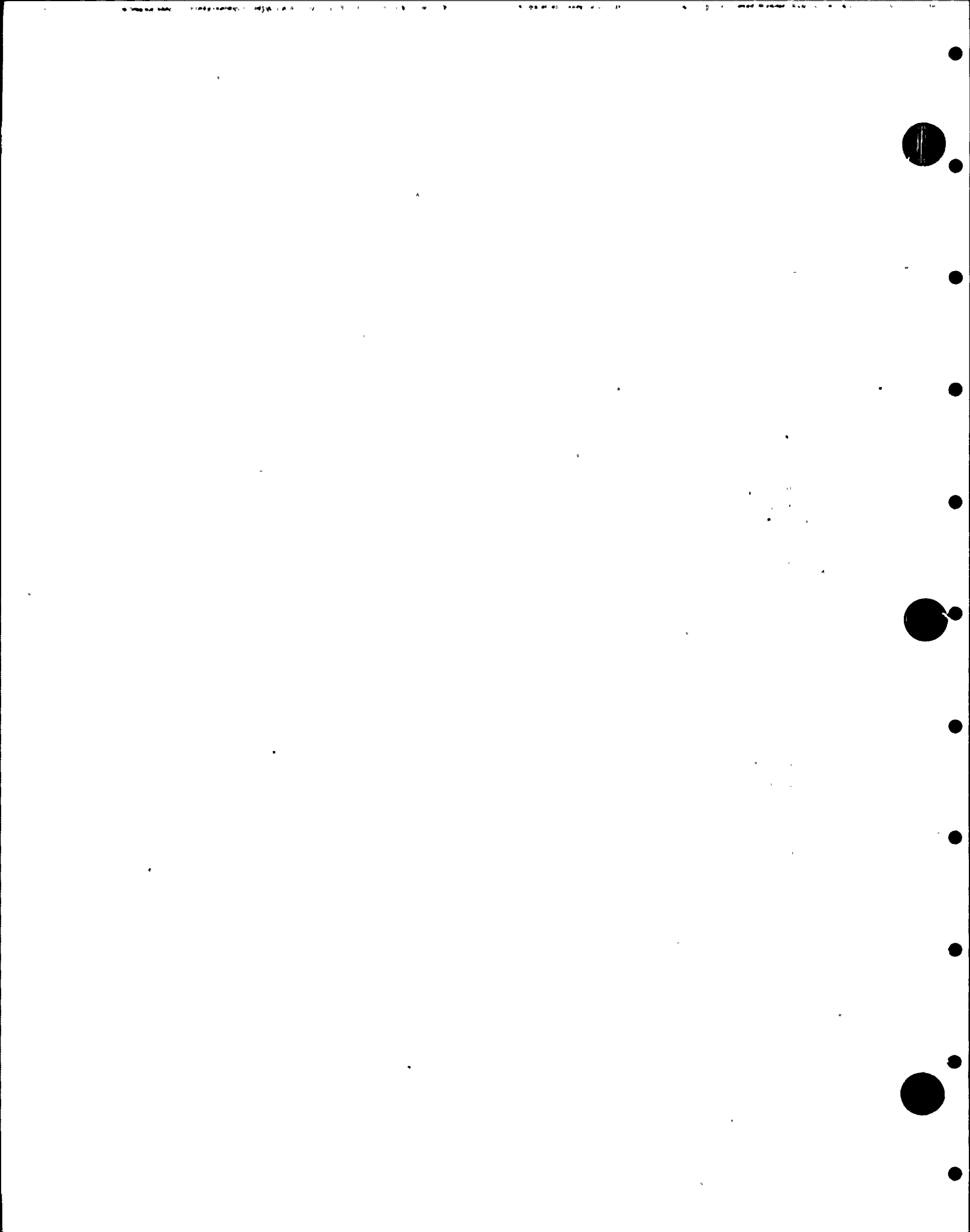


WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RHR-201

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RHR(1)-2
DESCRIPTION: SIM SPLY TO RHR HX1A

PAGE 001
DATE 12/05/91

IDENT. NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS			REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY OTHER	
RHR-243	VT3H	1HV-0213	ACC			NO RECORDABLE INDICATIONS
RHR-1022N	VT3H	1HV-0213	ACC			NO RECORDABLE INDICATIONS
RHR-244	VT3H	1HV-0213	ACC			NO RECORDABLE INDICATIONS
RHR-260	VT3H	1HV-0213	ACC			NO RECORDABLE INDICATIONS
RHR-261	VT3H	1HV-0213	ACC			NO RECORDABLE INIDICATIONS



WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RHR-201

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RHR(1)-2
DESCRIPTION: 2IM SPLY TO RHR HX1A

PAGE 002
DATE 12/05/91

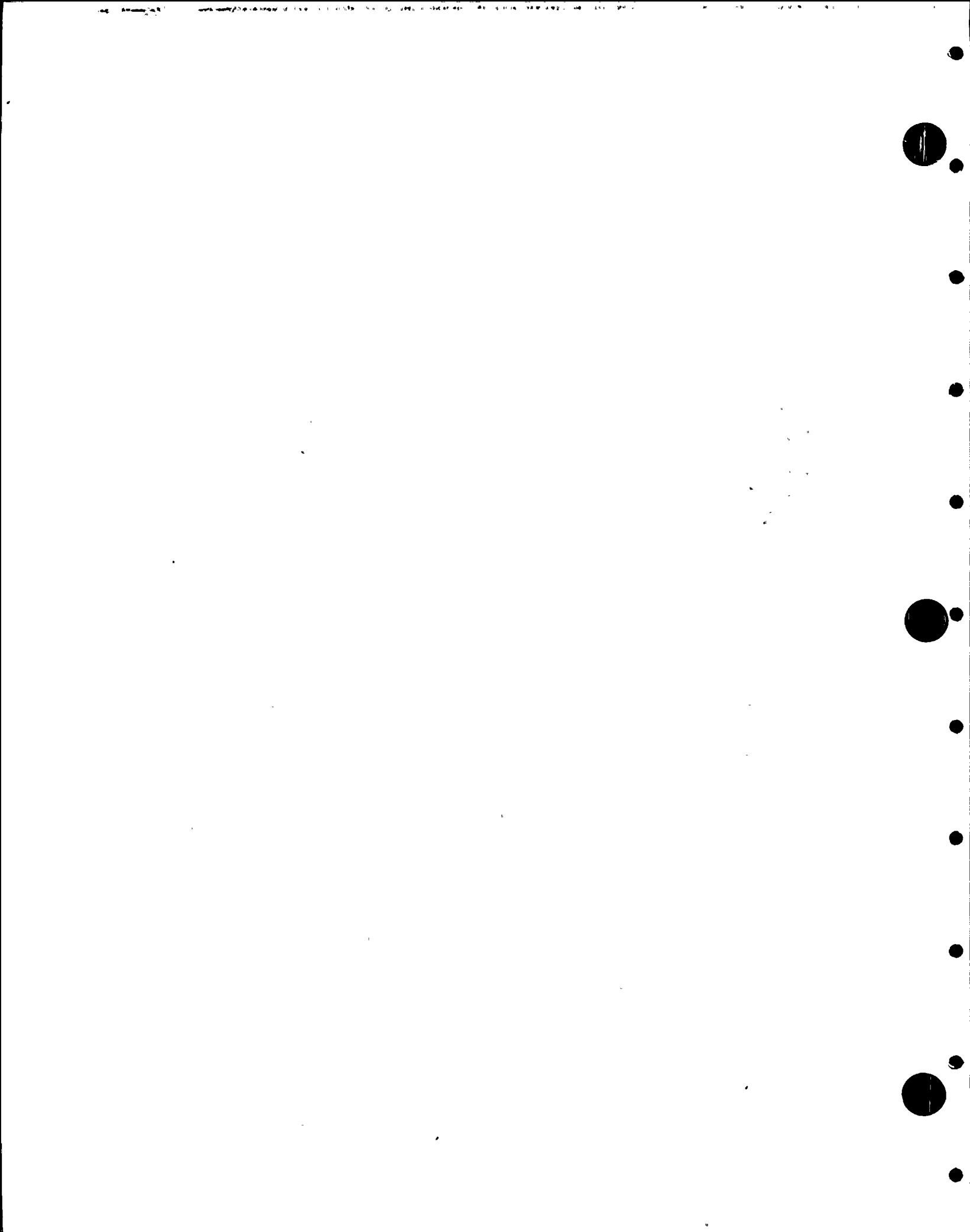
IDENT..NO.----- RHR-245(W)	EXAM. DATA SHEET MTH. NO.-----	EXAMINATION RESULTS-----				REMARKS-----
		NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
	SUR 1RHM-040	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RHR-201

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RHR(11)-2
DESCRIPTION: SIM SPLY TO RHR HX1A

PAGE 003
DATE 12/05/91

<u>IDENT..NO.</u>	<u>EXAM.</u> <u>MT.</u>	<u>EXAM.</u> <u>DATA</u> <u>SHEET</u> <u>NO.</u>	<u>EXAMINATION RESULTS</u>				<u>REMARKS</u>
			<u>NO</u>	<u>INSIGNIF</u>	<u>SIGNIFICANT</u>		
			<u>INDIC.</u>	<u>INDIC.</u>	<u>GEOMETRY</u>	<u>OTHER</u>	
RHR-245	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RHR-963N	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RHR-PB-201(L)	VT-2	1RHV-025	ACC				NO RECORDABLE INDICATIONS



WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RHR-202

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT 16RHR(5)-2
DESCRIPTION: DRYWELL SPRAY SUP"A"

PAGE 001
DATE 12/05/91

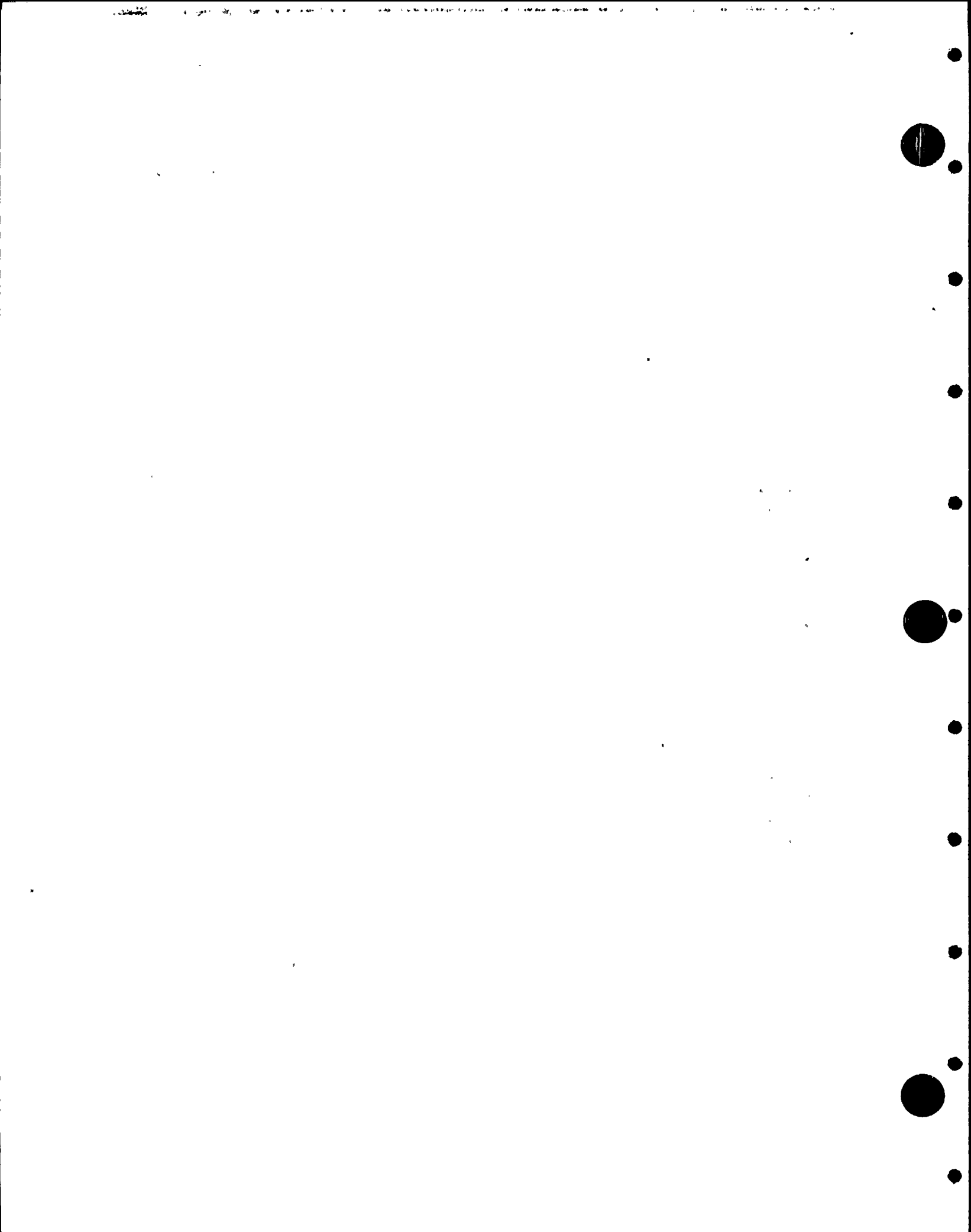
IDENT. NO.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
		NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
RHR-PB-202(L)	VT-2	1RHV-025	ACC			NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RHR-203

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT 18RHR(4)-2
DESCRIPTION: RHR TEST LINE LOOP A

PAGE 001
DATE 12/05/91

<u>IDENT. NO.</u> RHR-PR-203(L)	EXAM. MTH.	DATA SHEET NO.	<u>EXAMINATION RESULTS</u>				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
			<u>INDIC.</u>	<u>INDIC.</u>	<u>GEOMEITRY</u>	<u>OTHER</u>	
	VT-2	1RHV-025	ACC				NO RECORDABLE INDICATIONS

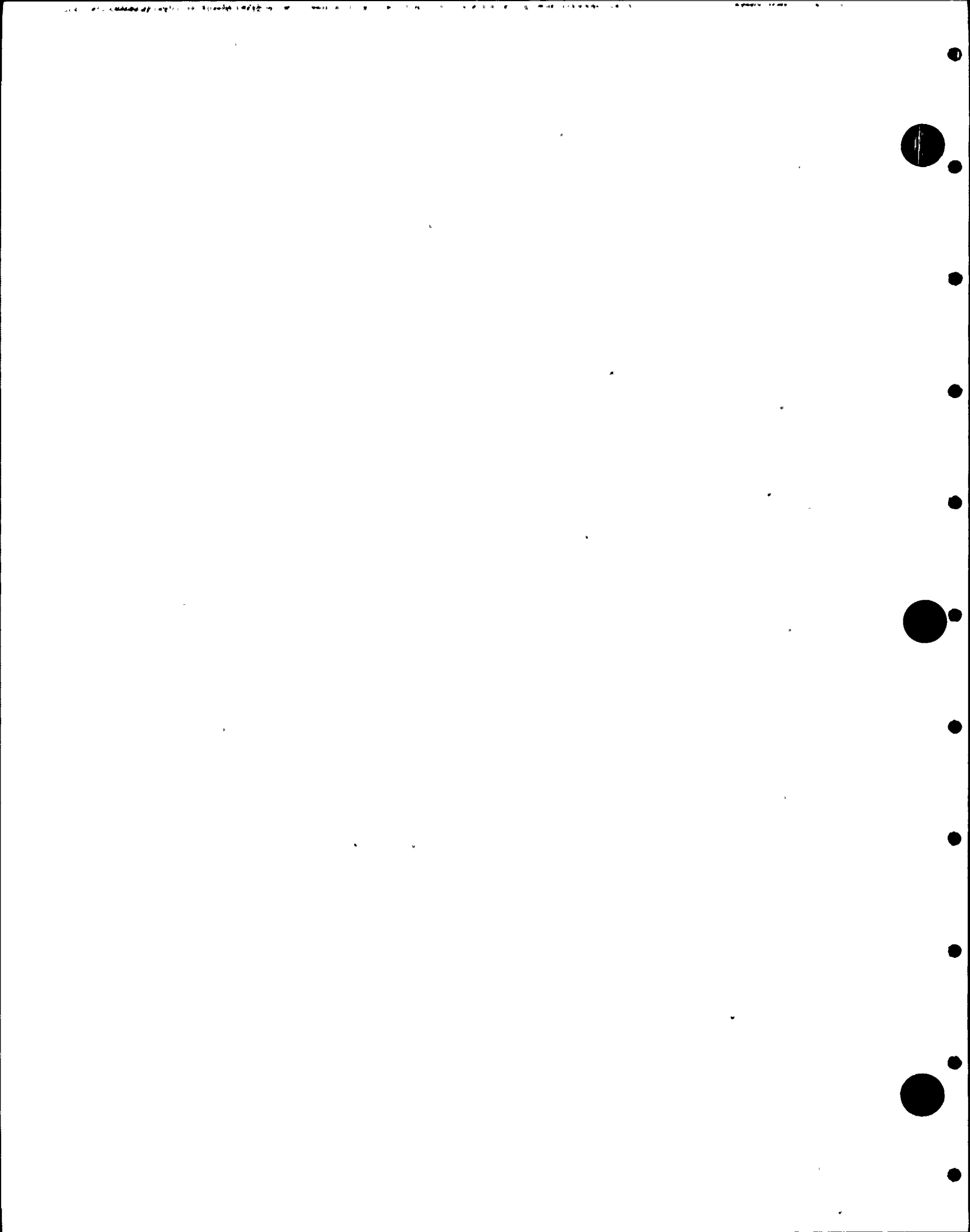


WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RHR-205

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT 24RHR(2)-2
DESCRIPTION: RHR_SHUTDOWN_COOL_SUCT

PAGE 001
DATE 12/05/91

IDENT. NO. RHR-PB-205(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
			INDIC.	INDIC.	GEOMETRY	OTHER	
	VT-2	1RHR-025	ACC				NO RECORDABLE INDICATIONS



WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RHR-206

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT 20RHR(8)-2
DESCRIPTION: RHR-LPCS CROSSTIE

PAGE 001
DATE 12/05/91

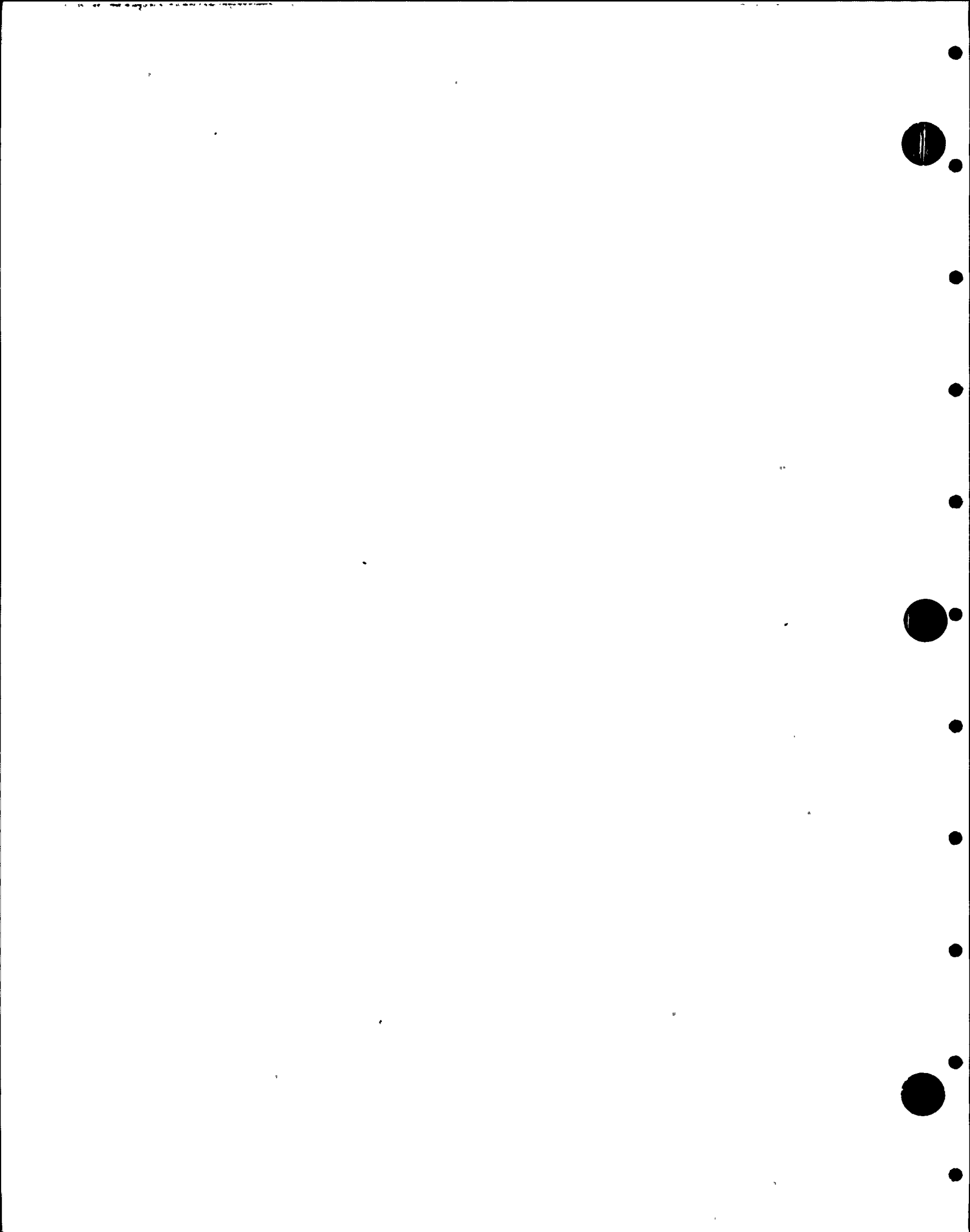
IDENT. NO. RHR-PB-206(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
			INDIC.	INDIC.	GEOMETRY	OTHER	
	VT-2	1RHV-025	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RHR-207

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RHR(1)2
DESCRIPTION: LOOP B SPLY-RHR HX1B

PAGE 001
DATE 12/05/91

IDENT. NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
RHR-463	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RHR-464	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RHR-468	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RHR-465	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RHR-467	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RHR-466	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RHR-469	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RHR-956N	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RHR-472	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RHR-473	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RHR-475	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RHR-478	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RHR-479	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RHR-480	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RHR-481	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS



WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RHR-207

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RHR(1)2
DESCRIPTION: LOOP_B_SPLY-RHR_HX1B

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<u>IDENT..NO.</u>	<u>EXAM.</u> <u>MT.</u>	<u>EXAM.</u> <u>DATA</u> <u>SHEET</u> <u>NO.</u>	<u>EXAMINATION RESULTS</u>				<u>REMARKS</u>
			<u>NO</u> <u>INDIC.</u>	<u>INSIGNIF</u> <u>INDIC.</u>	<u>SIGNIFICANT</u> <u>GEOMETRY OTHER</u>		
RHR-486	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RHR-485	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RHR-PB-207(L)	VT-2	1RHV-024	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RHR-208

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RHR(20)-2
DESCRIPTION: LOOP B SPLY-RHR HX1B

PAGE 001
DATE 12/05/91

IDENT..NO.---	EXAM. MTH.---	EXAM. DATA SHEET NO.---	EXAMINATION RESULTS-----				REMARKS-----
			NO INDIC.---	INSIGNIF INDIC.---	SIGNIFICANT GEOMETRY OTHER		
RHR-608	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RHR-581	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS



WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RHR-209

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RHR(1)2
DESCRIPTION: LOOP B SPLY-RHR HX1B

PAGE 001
DATE 12/05/91

IDENT..NO. RHR-PB-209(L)	EXAM. MTII.	DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
			INDIC.	INDIC.	GEOMETRY	OTHER	
	VT-2	1RHH-024	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RHR-210

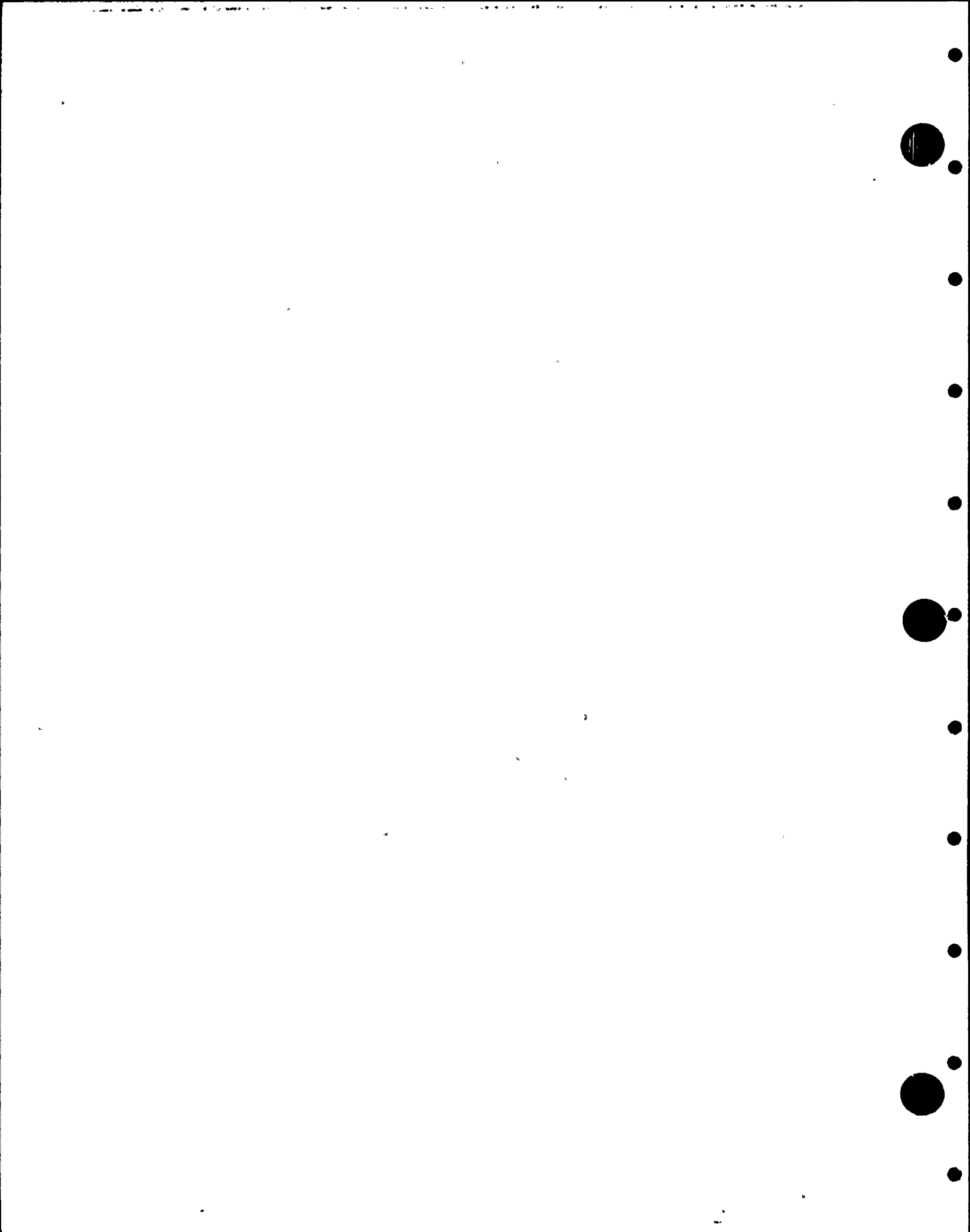
WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RHR(1)-2
DESCRIPTION: LOOP C/LPCI RETURN

PAGE 001
DATE 12/05/91

EXAM.
DATA

EXAMINATION RESULTS

<u>IDENT..NO.</u>	<u>EXAM.</u>	<u>SHEET</u>	<u>NO</u>	<u>INSIGNIF</u>	<u>SIGNIFICANT</u>	
<u>RHR-PB-210(L)</u>	<u>MTM.</u>	<u>NO.</u>	<u>INDIC.</u>	<u>INDIC.</u>	<u>GEOMETRY OTHER</u>	<u>REMARKS</u>
	VT-2	1RHV-026	ACC			NO RECORDABLE INDICATIONS

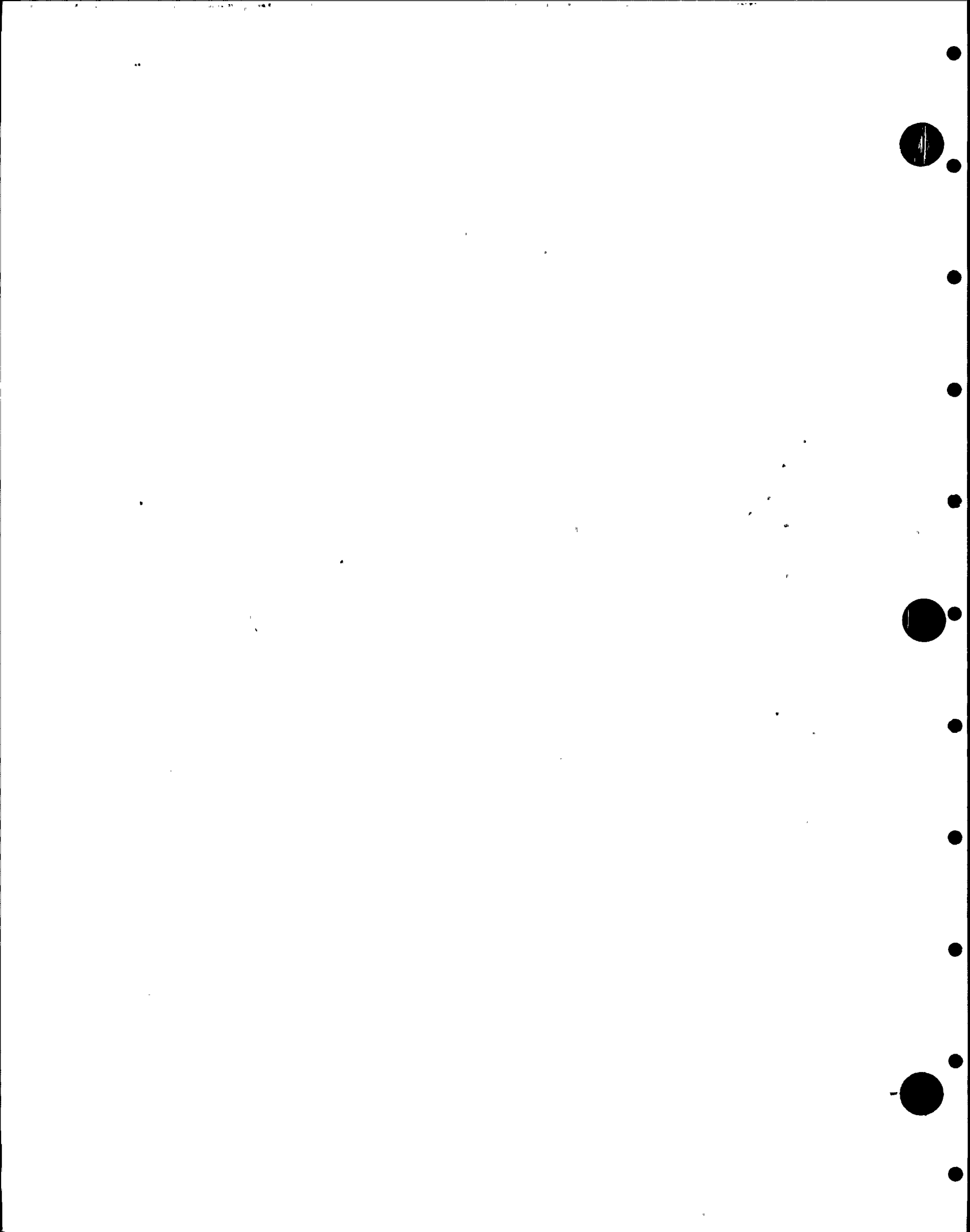


WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RHR-211

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RHR(21)-1
DESCRIPTION: RHR-P-2C SUCTION

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IDENT. NO.	EXAM. METHOD	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF. INDIC.	SIGNIFICANT GEOMEIRY	OTHER	
18RHR(21)-16A	VOL	1RHU-086	0,45,60				0: EXAM FOR LAMINATIONS, 45: EXAM FROM ELBOW SIDE ONLY, 60: EXAM FROM FLANGE TAPER ONLY. PSI OF 18RHR(21)-16 CUTOUT/REWELD TO INST ALL 2 FLANGES PER BDC-90-0027-0B.
	SUR	1RHM-042	ACC				NO RECORDABLE INDICATIONS. PSI OF CUTOUT/REWELD OF 18RHR(21)-16 TO INSTALL 2 FLANGES PER BDC-90-0027-0B.
18RHR(21)-15B	SUR	1RHM-041	ACC				NO RECORDABLE INDICATIONS. PSI OF ID FILLET WELD AFTER INSTALLING 2 FLANGES PER BDC-90-0027-0B.
18RHR(21)-15A	SUR	1RHM-041	ACC				NO RECORDABLE INDICATIONS. PSI OF OD FILLET WELD AFTER INSTALLING 2 FLANGES PER BDC-90-0027-0B.
RHR-PB-211(L)	VT-2	1RHV-026	ACC				NO RECORDABLE INDICATIONS

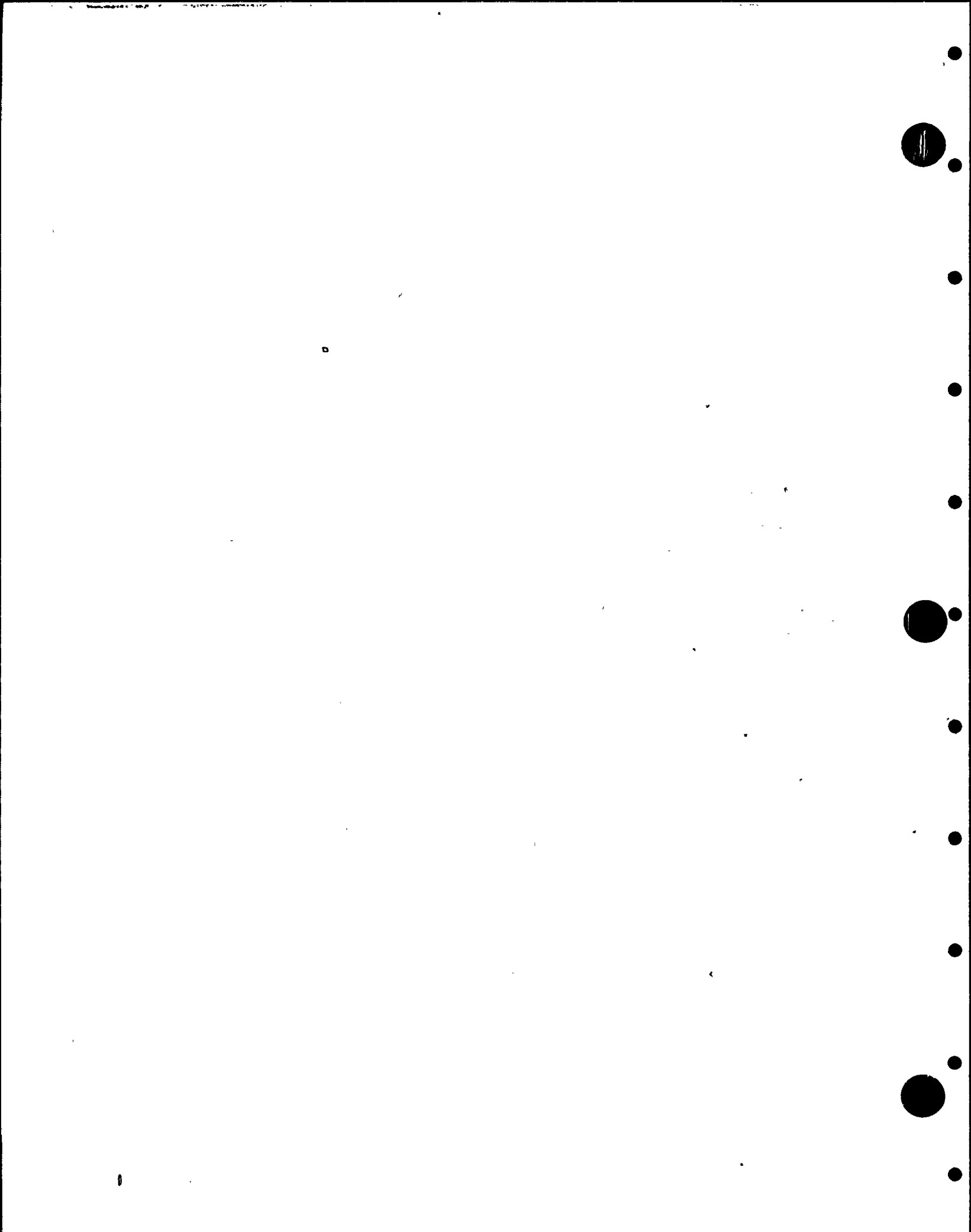


WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-101

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(1)-4
DESCRIPTION: MAIN STEAM LINE A

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DATE 12/05/91

IDENT..NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
MS-PB-101(L)	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS



WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-102

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(1)-4
DESCRIPTION: 2AIN STEAM LINE B

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DATE 12/05/91

IDENT. NO. MS-RV-1B-BDY	EXAM. MTH.	EXAM. NO.	DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
				NO	INSIGNIF	SIGNIFICANT		
				INDIC.	INDIC.	GEOMEIRY	QIHER	
	VT-3	1MSV-098	ACC					NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-102

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(1)-4
DESCRIPTION: MAIN STEAM LINE B

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IDENT. NO. MS-PB-102(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-103

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(1)-4
DESCRIPTION: MAIN STEAM LINE C

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IDENT. NO. <u>MS-PB-103(L)</u>	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-104

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(1)-4
DESCRIPTION: MAIN STEAM LINE D

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DATE 12/05/91

IDENT..NO.---	EXAM. MTH.---	EXAM. DATA SHEET NO.---	EXAMINATION RESULTS				REMARKS
			NO INDIC.---	INSIGNIF INDIC.---	SIGNIFICANT GEOMETRY	OTHER	
26MS(1)D-15	VOL	1MSU-056		44			INT RGOT GEOM NOTED NO DNSTM EXAM DUE TO VALVE CONFIG SEE NOTE 1
MS-V-22D/2MS(9)-4	SUR	1MSM-027	ACC				NO RECORDABLE INDICATIONS
MS-PB-104(L)	SUR	1MSP-066	ACC				NO RECORDABLE INDICATIONS
	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-105

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(9)-4
DESCRIPTION: MS VALVE DRAINS

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EXAM.
DATA

EXAMINATION RESULTS

IDENT. NO.
MS-PB-105(L)

EXAM.
SHEET
MIH.

SHEET
NO.

NO

INSIGNIF

SIGNIFICANT

INDIC.

INDIC.

GEOMETRY OTHER

REMARKS

VT-2

1VT2-91

ACC

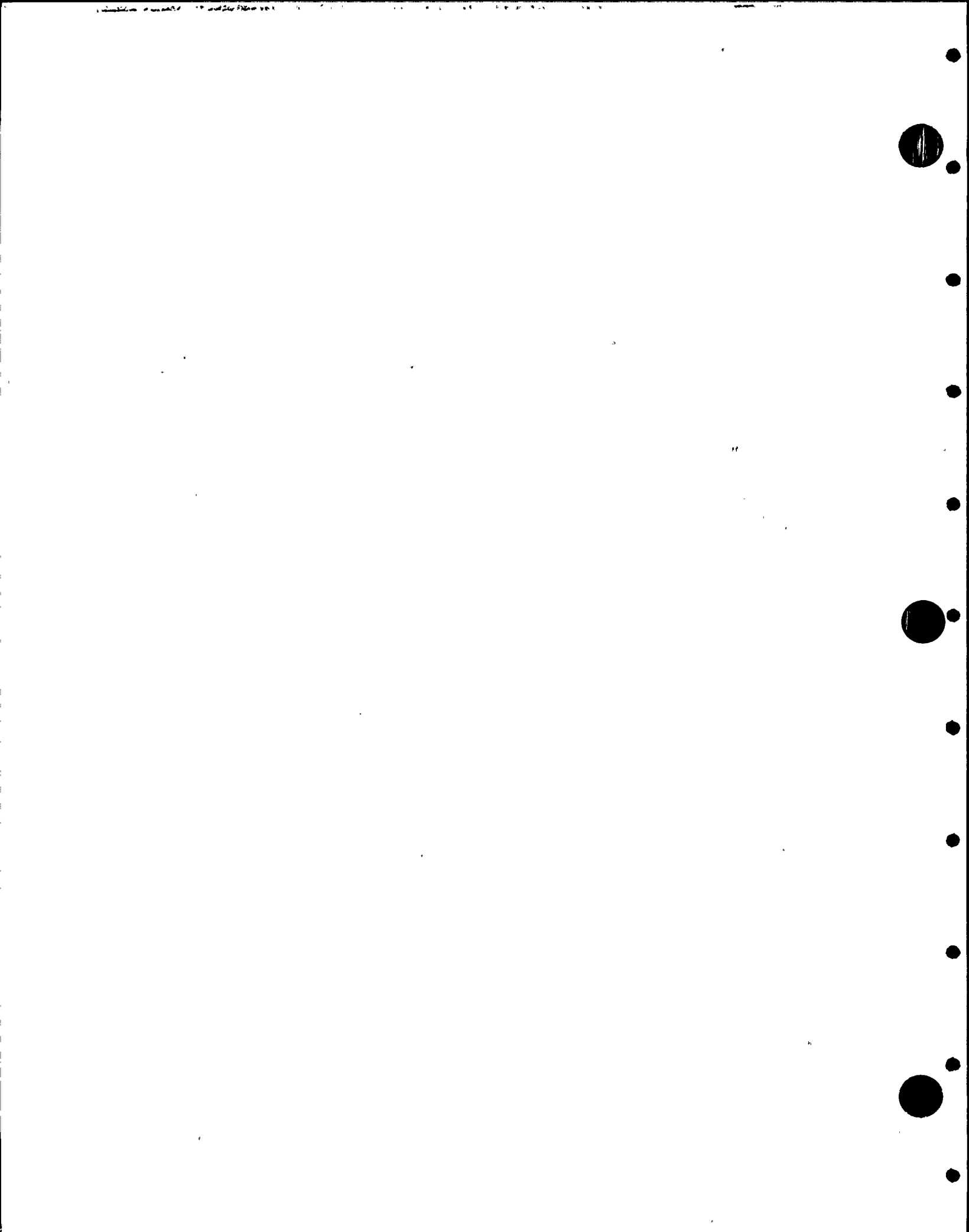
NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-106

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(12)-4
DESCRIPTION: MS RX VES HEAD VENT

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DATE 12/05/91

<u>IDENT..NO.</u>	<u>EXAM.</u> <u>MTH.</u>	<u>EXAM.</u> <u>SHEET</u> <u>NO.</u>	<u>EXAMINATION RESULTS</u>				<u>REMARKS</u>
			<u>NO</u>	<u>INSIGNIF</u>	<u>SIGNIFICANT</u>		
			<u>INDIC.</u>	<u>INDIC.</u>	<u>GEOMETRY</u>	<u>OTHER</u>	
MS-PB-106(L)	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS.



WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-201

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(1)-4
DESCRIPTION: MAIN STEAM LINE A

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IDENT..NO.----- MS-88	EXAM. MTH.-----	EXAM. DATA SHEET NO.-----	EXAMINATION RESULTS-----				REMARKS-----
			NO INDIC.---	INSIGNIF INDIC.---	SIGNIFICANT GEOMETRY	OTHER	
	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-201

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT 2MS(20)-4
DESCRIPTION: MS PRESS STAB. LINE

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DATE 12/05/91

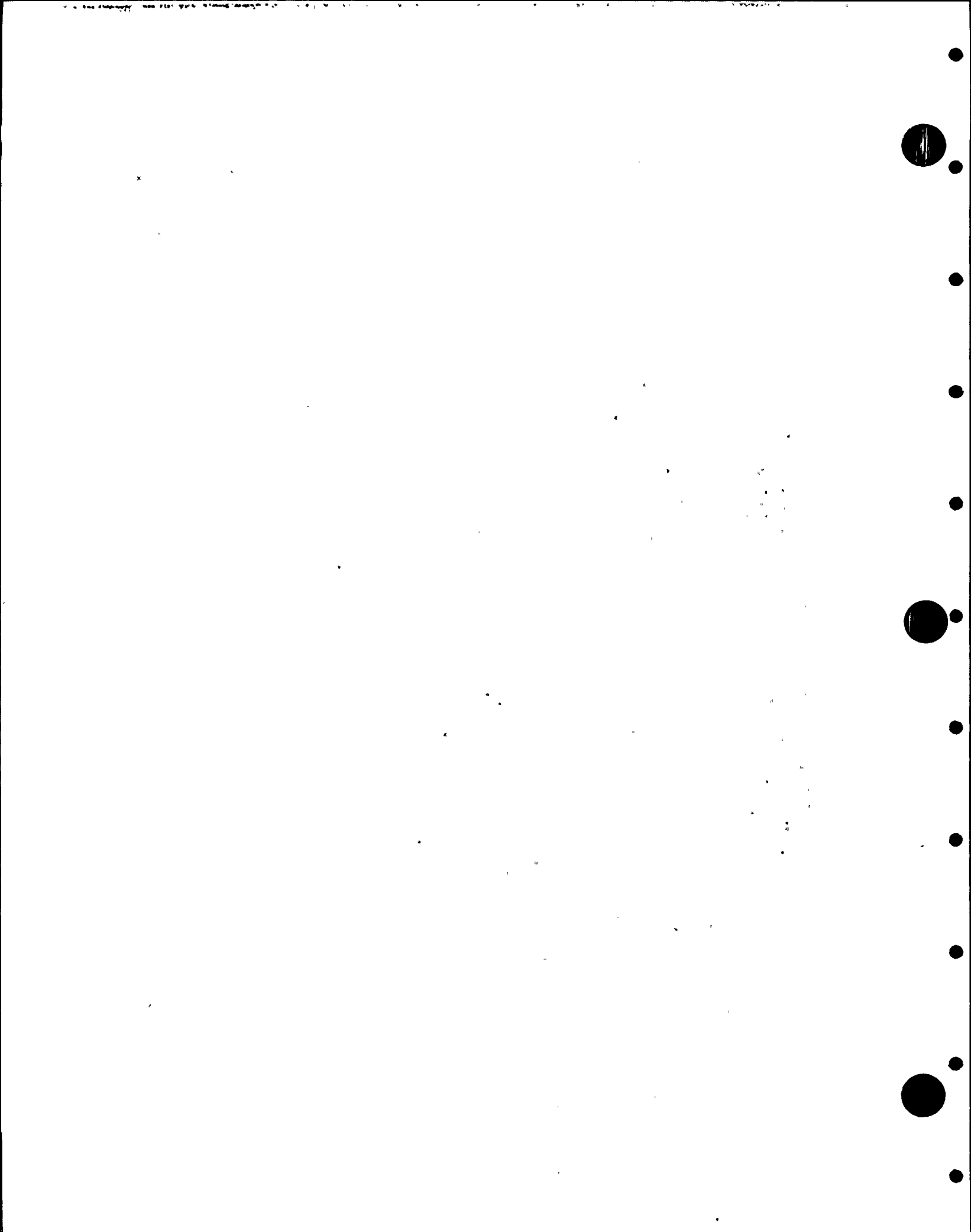
IDENT..NO.---	EXAM. MTH.	EXAM. DATA SHEET NO.---	EXAMINATION RESULTS-----				REMARKS-----
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY OTHER		
2MS(20)A-3	SUR	1MSP-065	ACC				NO RECORDABLE INDICATIONS
2MS(20)A-4	SUR	1MSP-065	ACC				NO RECORDABLE INDICATIONS
2MS(20)A-5	SUR	1MSP-065	ACC				NO RECORDABLE INDICATIONS
2MS(20)A-6	SUR	1MSP-065	ACC				NO RECORDABLE INDICATIONS
2MS(20)A-7	SUR	1MSP-065	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RFW-101

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RFW(1)-4
DESCRIPTION: RX FEEDWATER LINE A

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DATE 12/05/91

IDENT. NO. RFW-PB-101(L)	EXAM. MIN.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
			INDIC.	INDIC.	GEOMETRY	OTHER	
	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS



WNP-02
 INTERVAL: 01
 PERIOD: 02
 OUTAGE: R6
 DRAWING NO. RFW-102

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
 SYSTEM OR COMPONENT RFW(1)-4
 DESCRIPTION: RX FEEDWATER LINE B

PAGE 001
 DATE 12/05/91

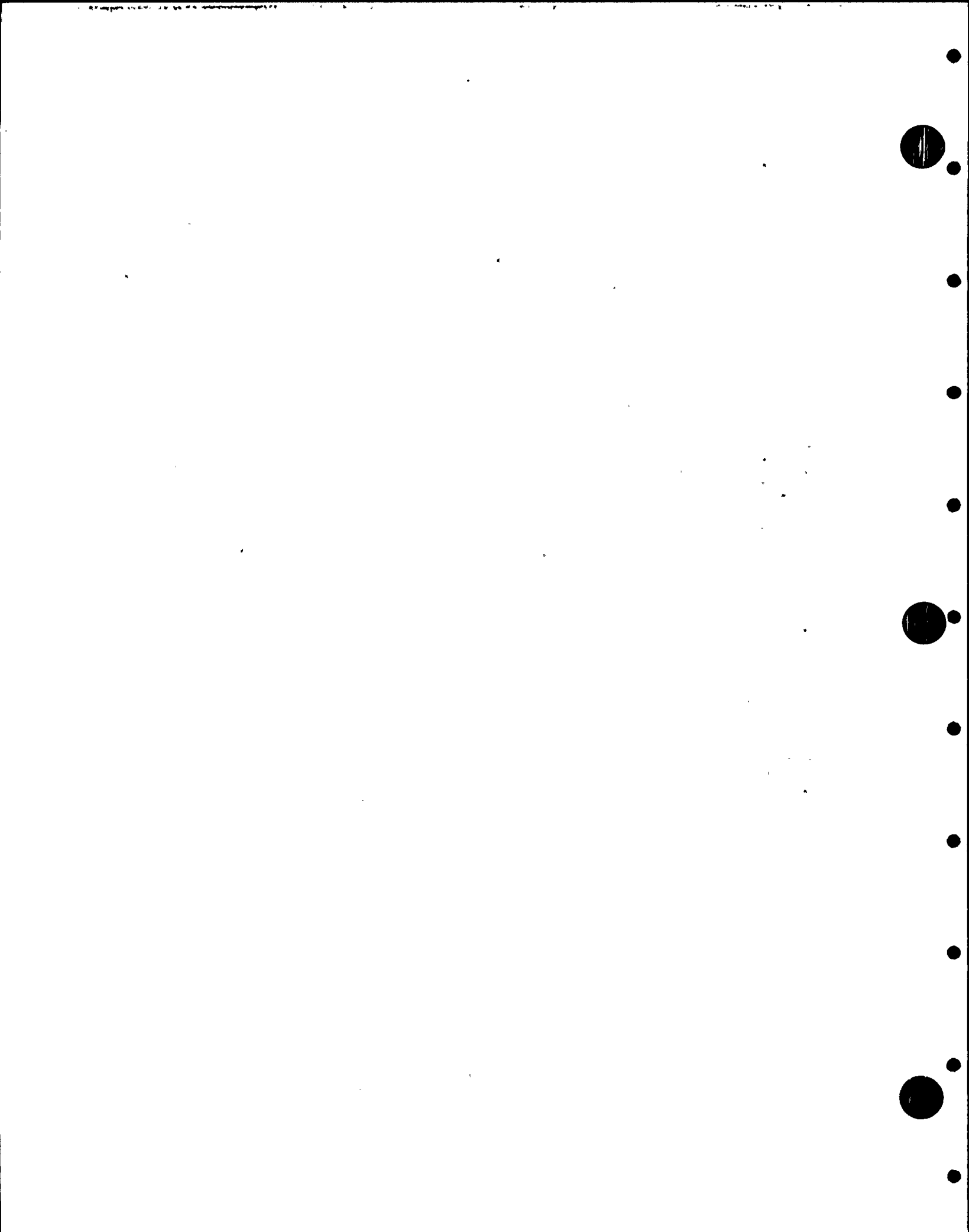
IDENT..NO.----- RFW-185(W)	EXAM. MTH.	EXAM. DATA SHEET NO.-----	EXAMINATION RESULTS				REMARKS-----
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY OTHER		
RFW-185	SUR	1FWM-024	ACC				NO RECORDABLE INDICATIONS
12RFW(1)BF-9	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
	VOL	1FWU-103	ACC				NO RECORDABLE INDICATIONS
12RFW(1)BF-10	SUR	1FWM-024	ACC				NO RECORDABLE INDICATIONS
	VOL	1FWU-103	45				NO RECORDABLE INDICATIONS
12RFW(1)BF-11	SUR	1FWM-024	ACC				NO RECORDABLE INDICATIONS
	VOL	1FWU-103	45				NO RECORDABLE INDICATIONS
12RFW(1)BF-12	SUR	1FWM-024	ACC				NO RECORDABLE INDICATIONS
	VOL	1FWU-104	45				NO RECORDABLE INDICATIONS
		1FWU-105	60				NO RECORDABLE INDICATIONS
12RFW(1)BF-13	SUR	1FWP-062	ACC				NO RECORDABLE INDICATIONS
	VOL	1FWU-101	45				NO RECORDABLE INDICATIONS
							LMTD EXAM DIDN'T GET ROD MIN
							EXAM VOL IN TWO BEAM DIRECTIONS:
							100% IN ONE BEAM DIR, 84% IN 2ND
							CONFIG RESTRAINTS ON BOTH SIDES
							SEE NOTE 2

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RFW-102

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RFW(1)-4
DESCRIPTION: RX FEEDWATER LINE B

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IDENT..NO.	EXAM. MTM.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
		1FWU-102	60				NO RECORDABLE INDICATIONS LMTD EXAM DIDN'T GET ROD MIN EXAM VOL IN TWO BEAM DIRECTIONS: 100% IN ONE BEAM DIR, 84% IN 2ND CONFIG RESTRAINTS ON BOTH SIDES SEE NOTE 2
12RFW(1)BF-14	SUR	1FWP-062	ACC				NO RECORDABLE INDICATIONS
	VOL	1FWU-099	45				NO RECORDABLE INDICATIONS LMTD EXAM DIDN'T GET MIN ROD EXAM VOL IN TWO BEAM DIRECTIONS: 100% IN ONE BEAM DIR, 80% IN 2ND CONFIG RESTRAINTS ON BOTH SIDES SEE NOTE 2
		1FWU-100	60RL				NO RECORDABLE INDICATIONS LMTD EXAM DIDN'T GET ROD MIN EXAM VOL IN TWO BEAM DIRECTIONS: 100% IN ONE BEAM DIR, 80% IN 2ND CONFIG RESTRAINTS ON BOTH SIDES SEE NOTE 1
RFW-PB-102(L)	SUR	1FWP-062	ACC				NO RECORDABLE INDICATIONS
	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS

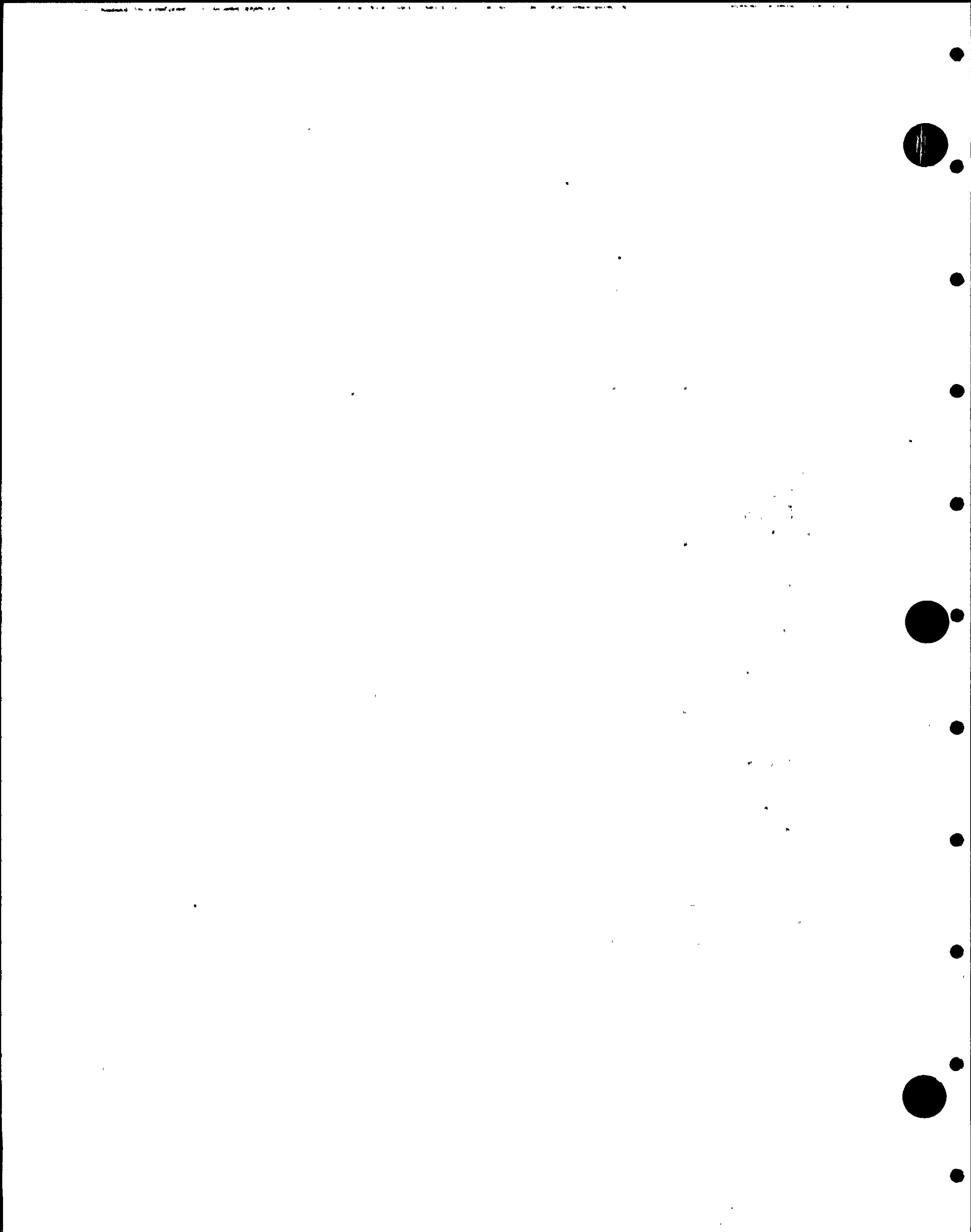


WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RFW-103

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RFW(11)-4
DESCRIPTION: REACTOR FEEDWATER

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IDENT. NO. RFW-PB-103(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS



WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RRC-101

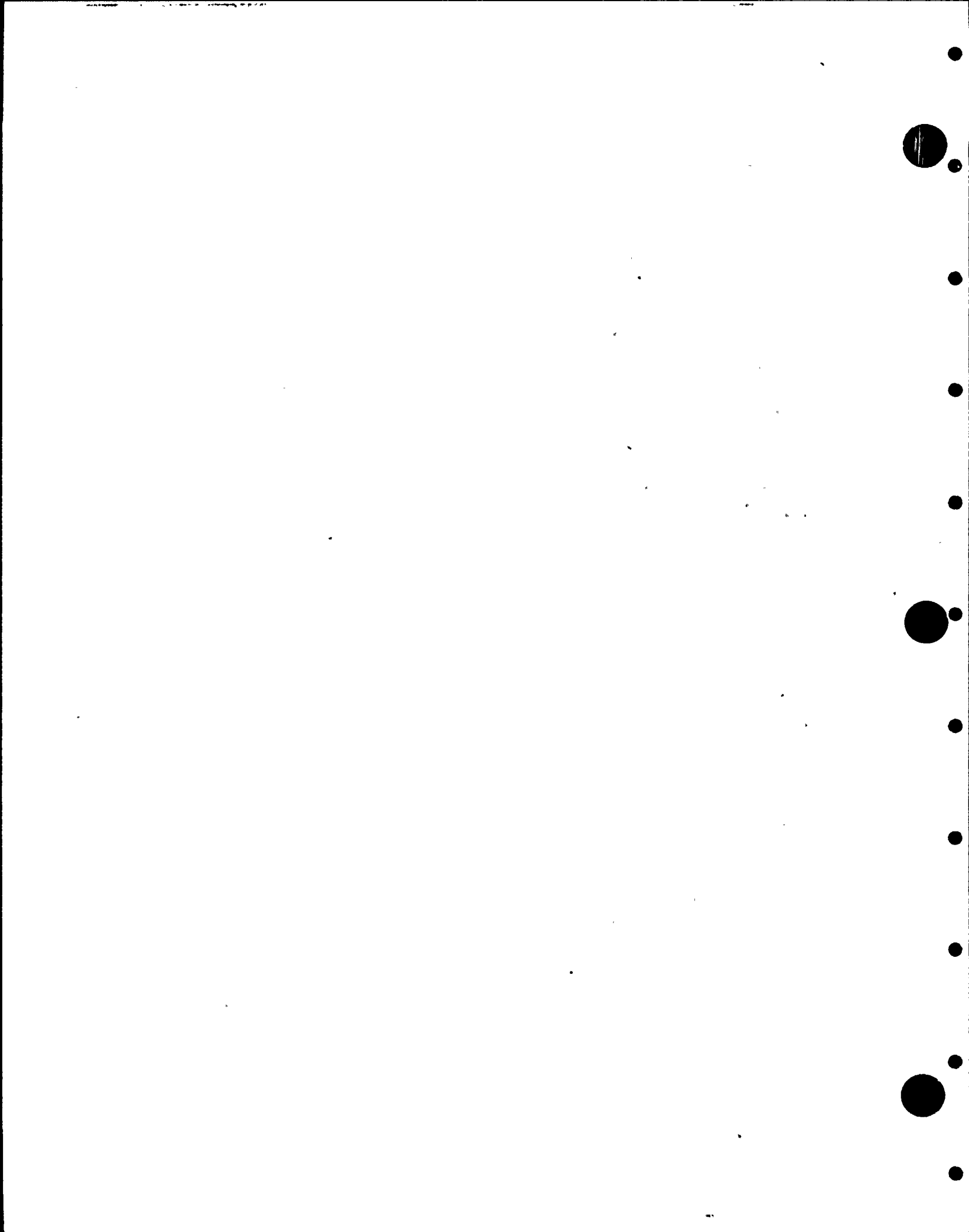
WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RRC(2)-4S
DESCRIPTION: REACTOR RECIR LOOP A

PAGE 001
DATE 12/05/91

EXAM.
DATA

EXAMINATION RESULTS

<u>IDENT..NO.</u>	<u>EXAM.</u>	<u>SHEET</u>	<u>NO</u>	<u>INSIGNIF</u>	<u>SIGNIFICANT</u>	
<u>MIT.</u>	<u>NO.</u>	<u>INDIC.</u>	<u>INDIC.</u>	<u>GEOMETRY</u>	<u>OTHER</u>	<u>REMARKS</u>
RRC-PB-101(L)	VT-2	1VT2-91	ACC			NO RECORDABLE INDICATIONS



WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RRC-102

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RRC(2)-4S
DESCRIPTION: REACTOR RECIR LOOP B

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<u>IDENT..NO.</u>	<u>EXAM.</u> <u>MT.</u>	<u>EXAM.</u> <u>SHEET</u> <u>NO.</u>	<u>EXAMINATION RESULTS</u>				<u>REMARKS</u>
			<u>NO</u>	<u>INSIGNIF</u>	<u>SIGNIFICANT</u>		
			<u>INDIC.</u>	<u>INDIC.</u>	<u>GEOMETRY</u>	<u>OTHER</u>	
RRC-PB-102(L)	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RRC-103

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RRC-P-1A
DESCRIPTION: RRC LOOP A PUMP

PAGE 001
DATE 12/05/91

IDENT. NO.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
		NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
RRC-HA-4	VT3H	1HV-0213	ACC			NO RECORDABLE INDICATIONS
RRC-HA-5	VT3H	1HV-0213	ACC			NO RECORDABLE INDICATIONS
RRC-SA-3	VT3H	1HV-0213	ACC			NO RECORDABLE INDICATIONS
RRC-SA-4	VT3H	1HV-0213	ACC			NO RECORDABLE INDICATIONS
RRC-SA-5	VT3H	1HV-0213	ACC			NO RECORDABLE INDICATIONS
RRC-900N	VT3H	1HV-0213	ACC			NO RECORDABLE INDICATIONS
RRC-SA-6	VT3H	1HV-0213	ACC			NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RRC-103

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RRC-P-1A
DESCRIPTION: 2RC LOOP A PUMP

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DATE 12/05/91

IDENT. NO.	EXAM. DATA SHEET MTN. NO.	EXAMINATION RESULTS				REMARKS
		NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
RRC-RA-1(W)	SUR	1RRP-088	ACC			NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RRC-103

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RRC-P-1A
DESCRIPTION: RRC LOOP A PUMP

PAGE 003
DATE 12/05/91

IDENT..NO.-----	EXAM. MTH.	EXAM. DATA SHEET NO.-----	EXAMINATION RESULTS-----				REMARKS-----
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
RRC-RA-1	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RRC-HB-2	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RRC-HB-3	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RRC-HB-4	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RRC-HB-5	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RRC-901N	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RRC-PB-103(L)	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS EXAM AREA IS COVERED ON DRAWINGS RRC-101 AND RRC-102

WNP-02
 INTERVAL: 01
 PERIOD: 02
 OUTAGE: R6
 DRAWING NO. RRC-107

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 NON-DESTRUCTIVE EXAMINATION-SUMMARY TABLE
 SYSTEM OR COMPONENT RRC(7)-4S
 DESCRIPTION: SHUTDOWN COOL RETURN B

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 DATE 12/05/91

IDENT. NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
12RRC(7)B-1	VOL	1RRU-161	45				NO RECORDABLE INDICATIONS ROOT GEOM NOTED INTMTLY BELOW RE- CORDABLE LEVELS
		1RRU-163	60RL				NO RECORDABLE INDICATIONS ROOT GEOM NOTED INTMTLY BELOW RECO RDABLE LEVELS
12RRC(7)B-1LD	SUR	1RRP-091	ACC				NO RECORDABLE INDICATIONS
	VOL	1RRU-162	45				NO RECORDABLE INDICATIONS
RRC-PB-107(L)	SUR	1RRP-091	ACC				NO RECORDABLE INDICATIONS
	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RRC-106

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RRC(7)-4S
DESCRIPTION: SHUTDN COOL RETURN A

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IDENT. NO. RRC-PB-106(L)	EXAM. DATA SHEET NO.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RRC-105

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RRC(6)-4S
DESCRIPTION: RHR SHUTDN COOL SUCT

PAGE 004
DATE 12/05/91

IDENT..NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS			REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY OTHER	
		1RRU-155			60 RL	REJECTED DUE TO CIRC LIN IND 0.15" DEEP X 4.5" LONG AT ID OF WELDMENT EXCEEDS CODE ALLOW MAX THRU WALL DEPTH OF 15% REF ERTR 1-015, EVAL SHT 1-065 AND/OR PER 291-345. NO DNSTM EXAM DUE TO VALVE CONFIG
		1RRU-156			70 RL	REJECTED DUE TO CIRC LIN IND 0.15" DEEP X 4.5" LONG AT ID OF WELDMENT EXCEEDS CODE ALLOW MAX THRU WALL DEPTH OF 15% REF ERTR 1-015, EVAL SHT 1-065 AND/OR PER 291-345 NO DNTSM EXAM DUE TO VALVE CONFIG
RRC-PB-105(L)	SUR	1RRP-090	ACC			NO RECORDABLE INDICATIONS
	VT-2	1VT2-91	ACC			NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RRC-105

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RRC(6)-4S
DESCRIPTION: RHR SHUTDN COOL SUCT

PAGE 003
DATE 12/05/91

IDENT. NO.	EXAM. MTM.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS			REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY OTHER	
		1RRU-160	45			NO RECORDABLE INDICATIONS UPSTM EXAM AFTER HGR REMOVED REF. 1RRU-150 FOR DNSTM EXAM
		1RRU-164			60RL	NO RECORDABLE INDICATIONS UPSTM EXAM AFTER PIPE HGR REMOVED PERM ID PLATE AT 0 DEG. REF. 1RRU-153 FOR DNSTM EXAM
20RRC(6)-7ALD	SUR	1RRP-090	ACC			NO RECORDABLE INDICATIONS
	VOL	1RRU-149	45			NO RECORDABLE INDICATIONS
20RRC(6)-8LU	SUR	1RRP-090	ACC			NO RECORDABLE INDICATIONS
	VOL	1RRU-149	45			NO RECORDABLE INDICATIONS
20RRC(6)-8	SUR	1RRP-090	ACC			NO RECORDABLE INDICATIONS
	VOL	1RRU-148	45			NO RECORDABLE INDICATIONS; HOWEVER BEAM REDIRECT NOTED AT 0 (TOP OF PIPE) AT 120% DAC. REF. RPTS 1RRU- 155 AND 1RRU-156 FOR ADD EXAMS NO DNSTM EXAMS DUE TO VALVE CONFIG

WNP-02
 INTERVAL: 01
 PERIOD: 02
 OUTAGE: R6
 DRAWING NO. RRC-105

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
 SYSTEM OR COMPONENT RRC(6)-4S
 DESCRIPTION: RHR SHUTDN COOL SUCT

PAGE 002
 DATE 12/05/91

IDENT. NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF. INDIC.	SIGNIFICANT GEOMETRY	OTHER	
20RRC(6)-7LD	VOL	1RRU-159	45				NO RECORDABLE INDICATIONS 18" SEAM: 9" COVERED ON -7LD SIDE AND 9" ON -7ALU SIDE OF WELD.
	SUR	1RRP-093	ACC				NO RECORDABLE INDICATIONS 18" SEAM: 9" EXAMINED W/-7LD WELD AND 9" BAL. EXAMINED W/-7ALU WELD
RHR-SA-51	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RHR-SA-52	VT3H	1HV-0213		ACC			NO RECORDABLE INDICATIONS EXCEPT FOR MINOR RUST ON EXTENSION ARM AND END BRACKETS
	VOL	1RRU-159	45				NO RECORDABLE INDICATIONS 18" SEAM: 9" EXAM'D W/-7ALU WELD AND 9" BAL. EXAM'D W/-7LD WELD
20RRC(6)-7ALU	SUR	1RRP-092	ACC				NO RECORDABLE INDICATIONS 18" SEAM: 9" EXAMINED W/-7ALU WELD AND 9" BAL. EXAMINED W/-7LD WELD
	VOL	1RRU-150	45				NO RECORDABLE INDICATIONS NO UPSTM EXAM TO PIPE RESTRAINT REF. 1RRU-160 FOR UPSTM EXAM
20RRC(6)-7A		1RRU-153	60RL				NO RECORDABLE INDICATIONS NO UPSTM EXAM TO PIPE RESTRAINT REF. 1RRU-164 FOR DNSTM EXAM

WNP-02
 INTERVAL: 01
 PERIOD: 02
 OUTAGE: R6
 DRAWING NO. RRC-105

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
 SYSTEM OR COMPONENT RRC(6)-4S
 DESCRIPTION: RHR SHUTDN COOL SUCT

PAGE 001
 DATE 12/05/91

<u>IDENT..NO.</u>	<u>EXAM.</u> <u>MTH.</u>	<u>EXAM.</u> <u>DATA</u> <u>SHEET</u> <u>NO.</u>	<u>EXAMINATION RESULTS</u>				<u>REMARKS</u>
			<u>NO</u> <u>INDIC.</u>	<u>INSIGNIF</u> <u>INDIC.</u>	<u>SIGNIFICANT</u> <u>GEOMETRY OTHER</u>		
20RRC(6)-7LUI	VOL	1RRU-152	45				NO RECORDABLE INDICATIONS
20RRC(6)-7LU0	SUR	1RRP-089	ACC				NO RECORDABLE INDICATIONS
	VOL	1RRU-152	45				NO RECORDABLE INDICATIONS
20RRC(6)-7	SUR	1RRP-089	ACC				NO RECORDABLE INDICATIONS
	VOL	1RRU-151		45			ROOT GEOM. AT 360, 70% DAC NO DNSTM EXAM DUE TO SNUBBER CLAMP REF. 1RRU-158 FOR DNSTM EXAM.
		1RRU-154		60RL			BEAM REDIRECT 360 AT VAR AMPL WITH TRANSDUCER ON WELD CROWN. NO DNSTM EXAM DUE TO HGR. REF. 1RRU-165 FOR DNSTM EXAM.
		1RRU-158			45		ID GEOM NOTED INTERMITTINGLY LMT DNSTM EXM DUE TO ID PLATE AT 0 DEG. REF. 1RRU-151 FOR UPSTM EXAM.
		1RRU-165			60RL		ID GEOM NOTED INTERMITTINGLY LMTD CNSTM EXAM DUE TO ID PLATE AT 0 DEG. REF. 1RRU-154 FOR UPSTM EXAM.
	SUR	1RRP-089	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RRC-104

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RRC(51)-4
DESCRIPTION: RPV DRAIN

PAGE 001
DATE 12/05/91

<u>IDENT..NO.</u> RRC-PB-104(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	<u>EXAMINATION RESULTS</u>				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RRC-108

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RRC(4)-4S
DESCRIPTION: RVCU INTERTIE RRC A

PAGE 001
DATE 12/05/91

IDENT. NO.	EXAM. MTN.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
RRC-3	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RRC-4	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RRC-PB-108(L)	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RRC-109

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RRC(4)-4S
DESCRIPTION: RVCU INTERTIE RRC B

PAGE 001
DATE 12/05/91

IDENT..NO. RRC-PB-109(L)	EXAM. MTH.	EXAM. SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RRC-110

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RRC(6)-4S
DESCRIPTION: RRC LOOP A DRAIN

PAGE 001
DATE 12/05/91

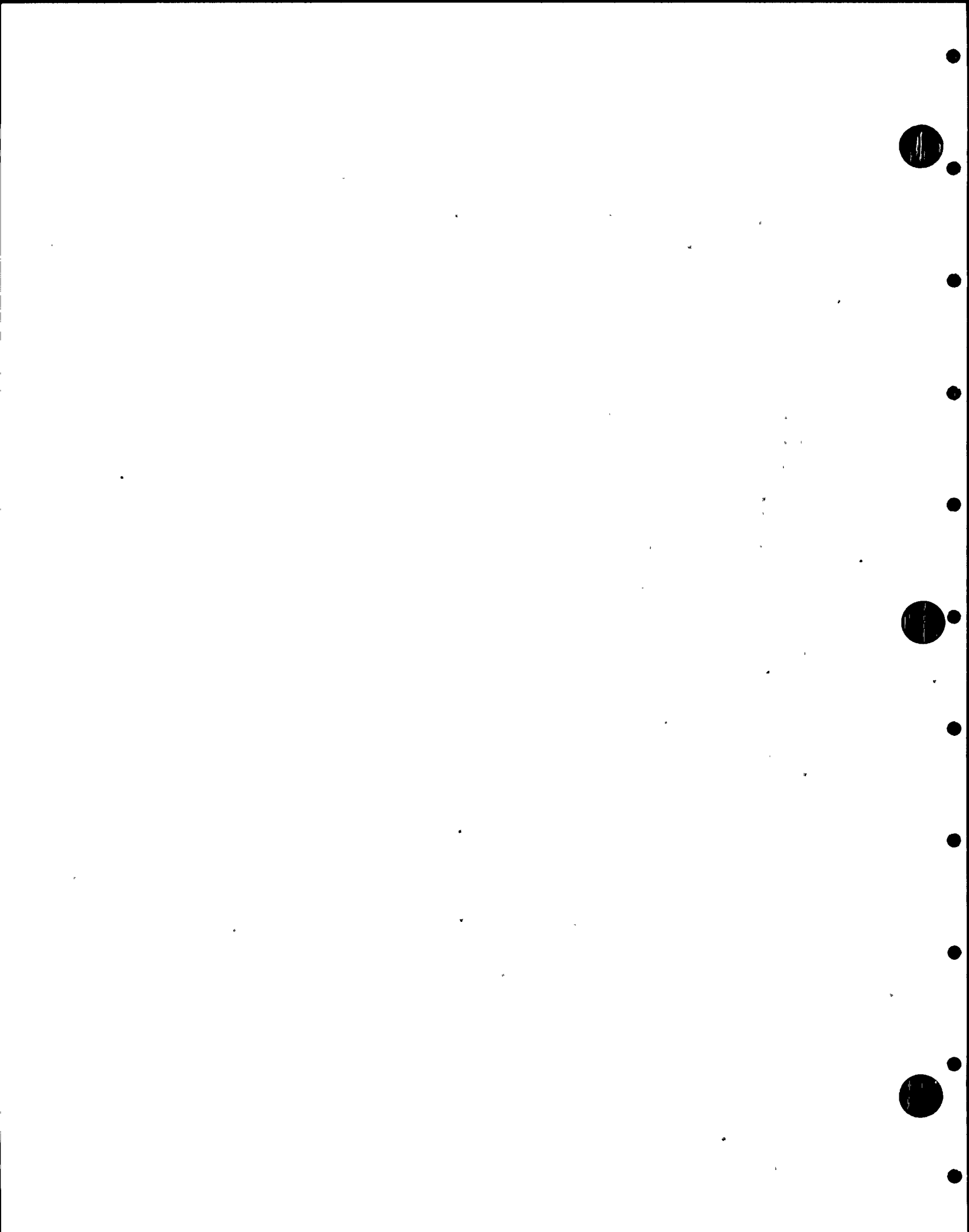
<u>IDENT..NO.</u>	<u>EXAM.</u>	<u>DATA</u>	<u>EXAMINATION RESULTS</u>				<u>REMARKS</u>
			<u>NO</u>	<u>INSIGNIF</u>	<u>SIGNIFICANT</u>		
<u>RRC-PB-110(L)</u>	<u>MIH.</u>	<u>NO.</u>	<u>INDIC.</u>	<u>INDIC.</u>	<u>GEOMETRY</u>	<u>OTHER</u>	
	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RRC-111

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RRC(6)-4S
DESCRIPTION: RRC LOOP B DRAIN

PAGE 001
DATE 12/05/91

IDENT..NO. RRC-PB-111(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS



WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RWCU-101

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RWCU(4)-4
DESCRIPTION: RPV DRAIN TO RWCU

PAGE 001
DATE 12/05/91

IDENT. NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY OTHER		
RWCU-1C-2PS	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RWCU-140	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RWCU-1C-2	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RWCU-1C-1PS	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RWCU-139	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RWCU-101

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RWCU(4)-4
DESCRIPTION: 2PV DRAIN TO RWCU

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EXAM.

DATA

SHEET

NO. _____

EXAMINATION RESULTS

NO

INSIGNIF

SIGNIFICANT

INDIC. _____

INDIC. _____

GEOMETRY OTHER _____

REMARKS _____

IDENT..NO.
RWCU-V-1-BLT

EXAM.

MTH. _____

VT-1

1RTV-003

ACC

CORROSION ON TOP FLANGE
NO MATERIAL LOSS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RWCU-101

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RWCU(4)-4
DESCRIPTION: RPV DRAIN TO RWCU

PAGE 003
DATE 12/05/91

IDENT. NO.	EXAM. MTN.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS			REMARKS
			NO INDIC.	INSIGNIF. INDIC.	SIGNIFICANT GEOMETRY OTHER	
RWCU-PB-101(L)	VT-2	1VT2-91	ACC			NO RECORDABLE INDICATIONS

WNP-02
 INTERVAL: 01
 PERIOD: 02
 OUTAGE: R6
 DRAWING NO. RWCU-303

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
 SYSTEM OR COMPONENT RWCU(2)-4
 DESCRIPTION: RWCU HX RTN TO RFW

PAGE 001
 DATE 12/05/91

IDENT. NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
6RWCU(2)-4A	VOL	1RTU-018	0	45			0: NO RECORDABLE INDICATIONS 45: 1) .2" IND., SURF 1, DIR B, MAX AMPL AT 50%DAC 2) ID GEOM IN- TERMITTENT AT TOP HALF OF PIPE PSI OF NEW WELD
6RWCU(2)-5A	VOL	1RTU-019	0	45			NO RECORDABLE INDICATIONS PSI OF CUTOUT AND REWELD NO EXAM FROM FLANGE SIDE DUE TO CONFIG SEE NOTE 1
6RWCU(2)-6A	VOL	1RTU-020	0	45			NO RECORDABLE INDICATIONS PSI OF NEW WELD

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. SW-301

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT SW(1)-2
DESCRIPTION: SW LOOP A SUPPLY

PAGE 001
DATE 12/05/91

IDENT. NO. SW-PB-301(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
	VT-2	1SWV-094	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. SW-302

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT SW(17)-2
DESCRIPTION: SW LOOP A SUPPLY

PAGE 001
DATE 12/05/91

IDENT..NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
SW-PB-302(L)	VT-2	1SWV-094	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. SW-303

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT SW(23)-2
DESCRIPTION: RETURN RHR-HX-1A

PAGE 001
DATE 12/05/91

IDENT. NO. SW-PB-303(L)	EXAM. MTH.	EXAM. SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
	VT-2	1SWV-094	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. SW-305

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT SW(2)-2
DESCRIPTION: SW LOOP B SUPPLY

PAGE 001
DATE 12/05/91

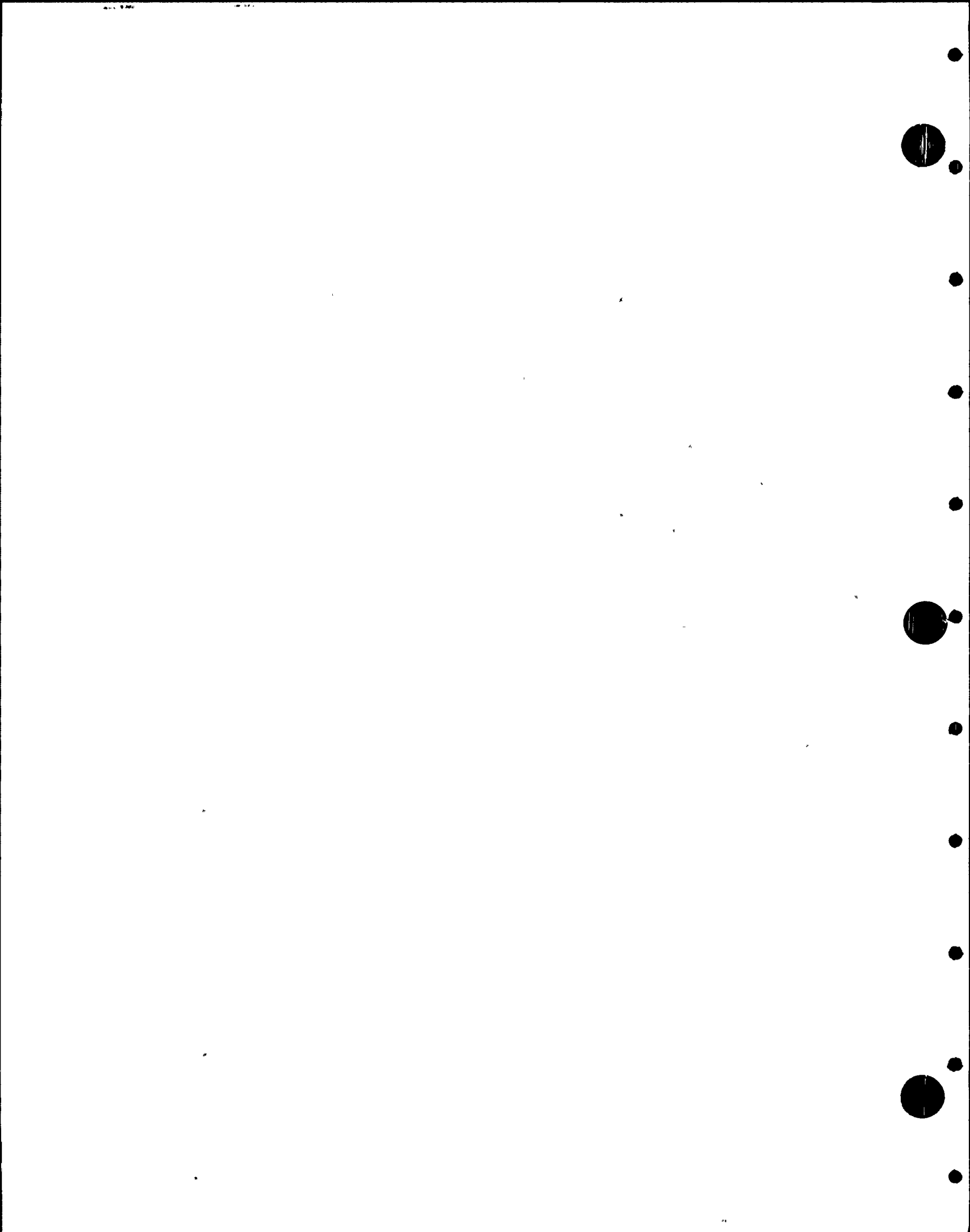
<u>IDENT..NO.</u> SW-PB-305(L)	EXAM. DATA SHEET NO.	EXAM. NO.	<u>EXAMINATION RESULTS</u>				<u>REMARKS</u>
			<u>INDIC.</u>	<u>INDIC.</u>	<u>GEOMETRY</u>	<u>OTHER</u>	
	VT-2	1SWV-092	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. SW-304

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT SW(37)-2
DESCRIPTION: RETURN DCW-HX-1A1&A2

PAGE 001
DATE 12/05/91

IDENT..NO.	EXAM. MTH.	EXAM. SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
SW-PB-304(L)			INDIC.	INDIC.	GEOMETRY	OTHER	
	VT-2	1SWV-094	ACC				NO RECORDABLE INDICATIONS

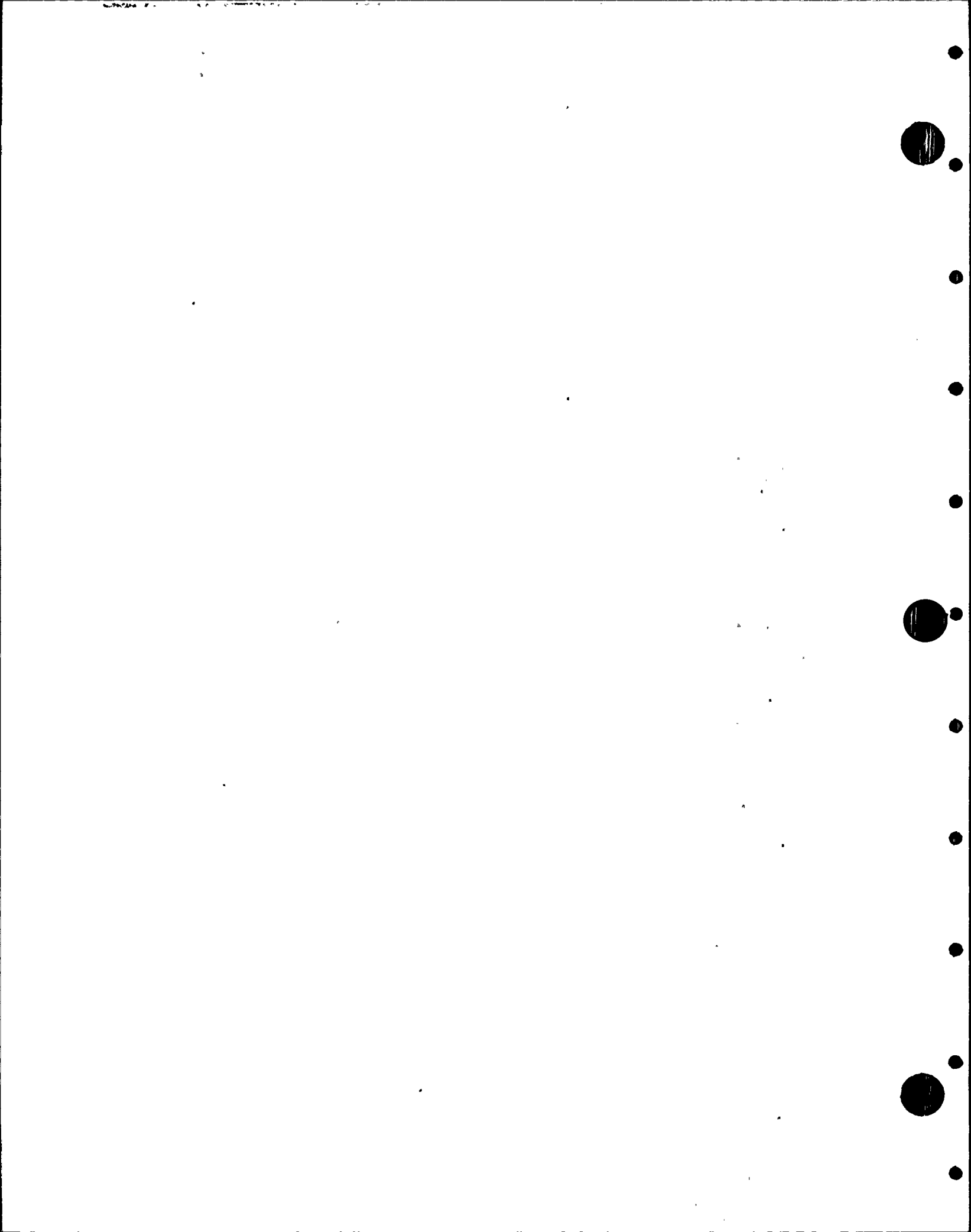


WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. SW-306

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT SW(18)-2
DESCRIPTION: SW LOOP B SUPPLY

PAGE 001
DATE 12/05/91

IDENT. NO. SW-PB-306(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
	VT-2	1SWV-092	ACC				NO RECORDABLE INDICATIONS



WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. SW-307

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT SW(24)-2
DESCRIPTION: SW LOOP B RETURN

PAGE 001
DATE 12/05/91

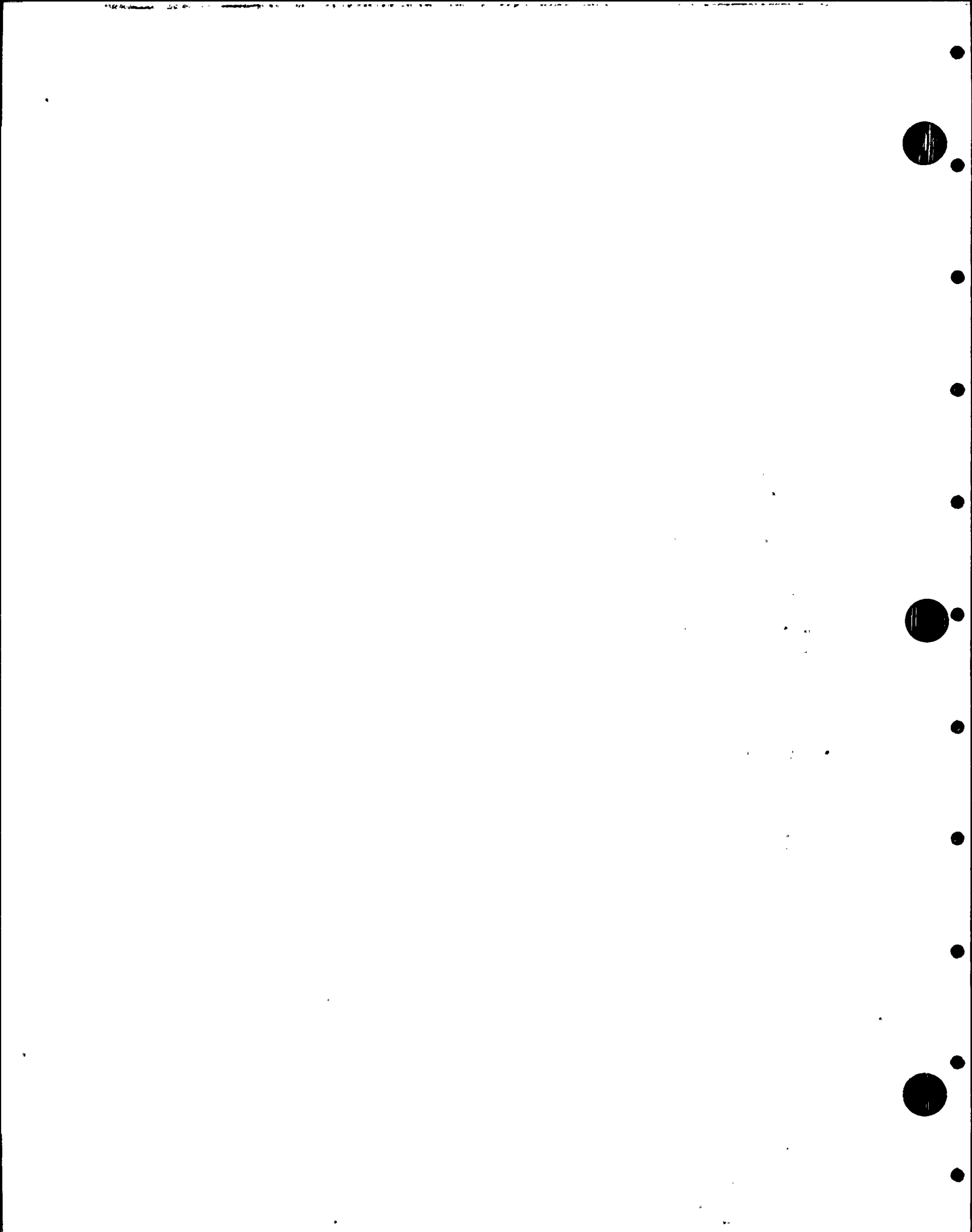
IDENT. NO. SW-PB-307(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
	VT-2	1SWV-092	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. SW-308

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT SW(38)-2
DESCRIPTION: SW LOOP B RETURN

PAGE 001
DATE 12/05/91

IDENT. NO. SW-PB-308(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
			INDIC.	INDIC.	GEOMETRY	OTHER	
	VT-2	1SWV-092	ACC				NO RECORDABLE INDICATIONS



WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. SW-309

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT SW1701-1
DESCRIPTION: SW SUPPLY HPCS LOOP

PAGE 001
DATE 12/05/91

IDENT. NO. SW-PB-309(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
			INDIC.	INDIC.	GEOMETRY	OTHER	
	V1-2	1SWV-093	ACC				NO RECORDABLE INDICATIONS

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WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. SW-310

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT SW(72)-1
DESCRIPTION: SW HPCS LOOP SUPPLY

PAGE 001
DATE 12/05/91

IDENT..NO. SW-PB-310(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
	VT-2	1SWV-093	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. SW-311

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT SW(731)-1
DESCRIPTION: SW HPCS LOOP RETURN

PAGE 001
DATE 12/05/91

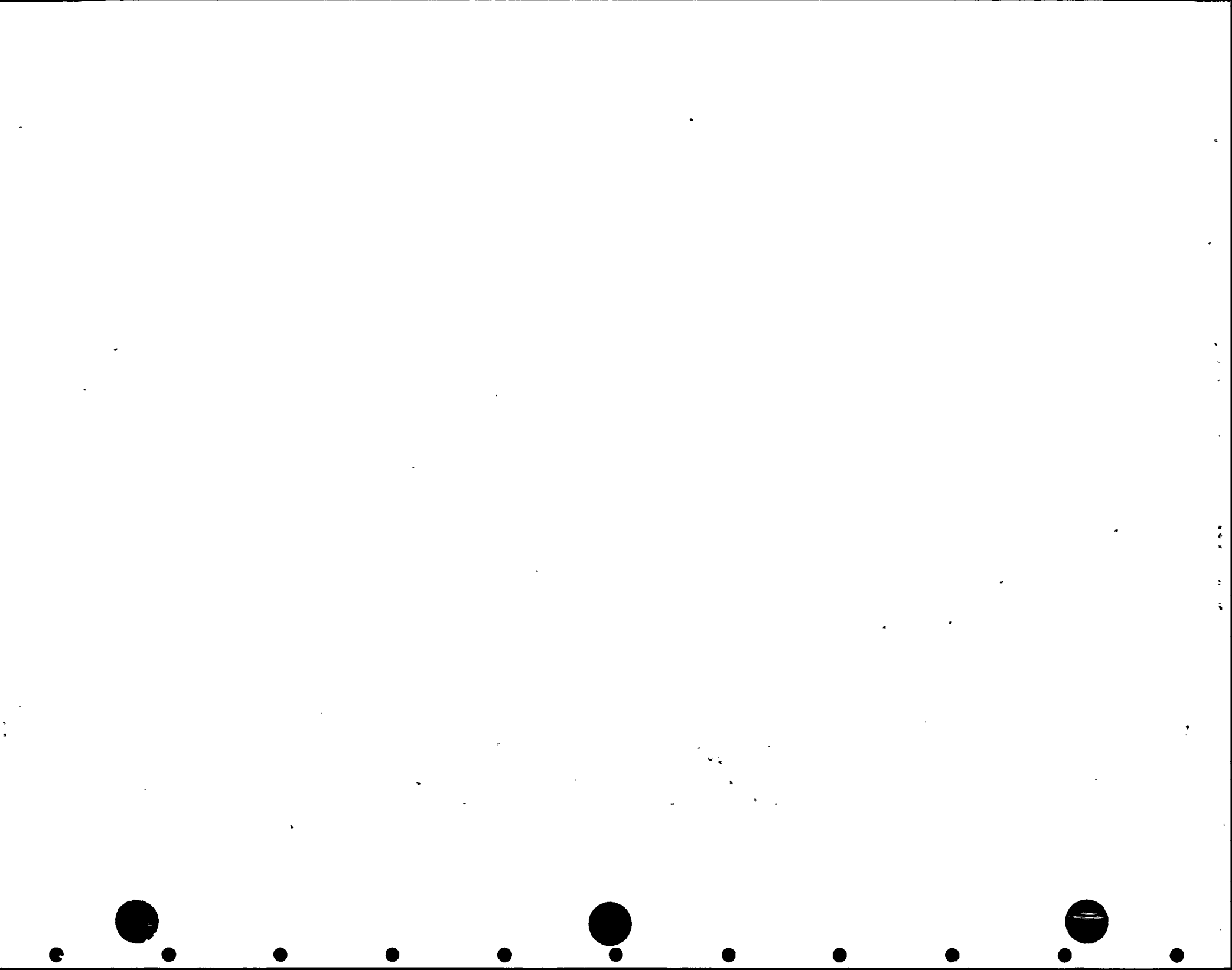
IDENT. NO.	EXAM. MIH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
SW-PB-311(L)			INDIC.	INDIC.	GEOMETRY	OTHER	
	VT-2	1SWV-093	ACC				NO RECORDABLE INDICATIONS

WNP-02
 INTERVAL: 01
 PERIOD: 02
 OUTAGE: R6
 DRAWING NO. FPC-301

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
 SYSTEM OR COMPONENT FPC(1)-1
 DESCRIPTION: FUEL POOL CIRC/TK-1B

PAGE 001
 DATE 12/05/91

IDENT. NO. _____	EXAM. MTH. _____	EXAM. DATA SHEET NO. _____	EXAMINATION RESULTS _____				REMARKS _____
			NO INDIC. _____	INSIGNIF INDIC. _____	SIGNIFICANT GEOMETRY OTHER _____		
FPC-54	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-55	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-56	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-53	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-130	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-129	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-128	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-127	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-65	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-916N	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-918N	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-88	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-101	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-87	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-PR-301(L)	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
	VT-2	1FPV-011	ACC				NO RECORDABLE INDICATIONS



WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. FPC-302

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT FPC(2)-1
DESCRIPTION: FPC-P-1A TO DM-1A&1B

PAGE 001
DATE 12/05/91

<u>IDENT. NO.</u> FPC-PB-302(L)	EXAM. MIH.	EXAM. DATA SHEET NO.	<u>EXAMINATION RESULTS</u>				<u>REMARKS</u>
			<u>NO</u>	<u>INSIGNIF</u>	<u>SIGNIFICANT</u>		
			<u>INDIC.</u>	<u>INDIC.</u>	<u>GEOMEIRY</u>	<u>OTHER</u>	
	VT-2	1FPV-011	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. FPC-303

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT FPC(2)-1
DESCRIPTION: FPC-P-1B TO DM-1A&1B

PAGE 001
DATE 12/05/91

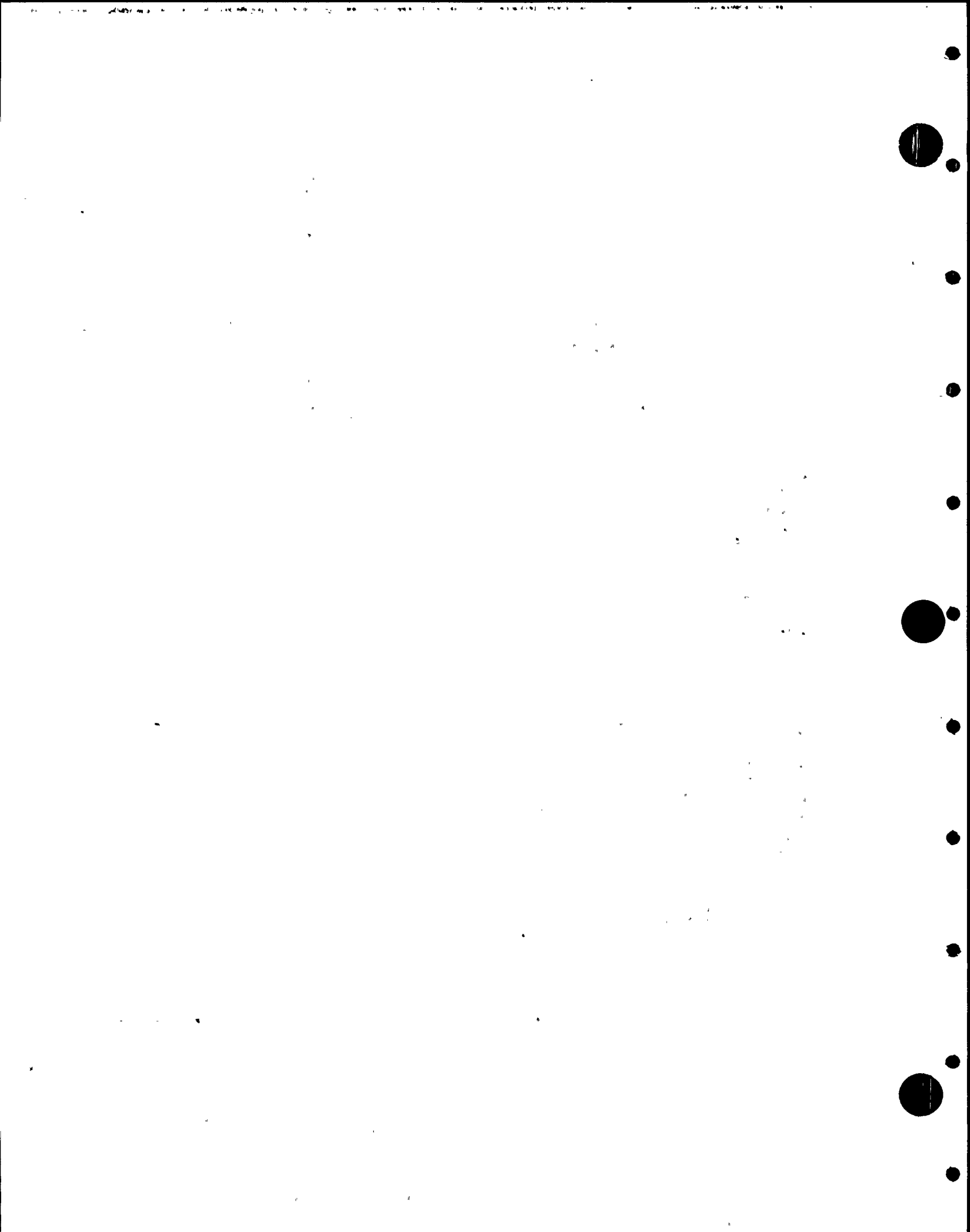
IDENT..NO. FPC-PB-303(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
	VT-2	1FPV-011	ACC				NO RECORDABLE INDICATIONS

WNP-02
 INTERVAL: 01
 PERIOD: 02
 OUTAGE: R6
 DRAWING NO. FPC-304

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
 SYSTEM OR COMPONENT FPC(2)-1
 DESCRIPTION: FPC-1A&1B DISCHARGE

PAGE 001
 DATE 12/05/91

IDENT..NO.-----	EXAM. MTH.	EXAM. DATA SHEET NO.-----	EXAMINATION RESULTS-----				REMARKS-----
			NO INDIC.---	INSIGNIF INDIC.---	SIGNIFICANT GEOMETRY OTHER-----		
FPC-195	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-196	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-197	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-198	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-199	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-200	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-202	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-906N	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
	VT3H	1HV-0213		ACC			MISSING COTTER PIN ON UPPER END OPERABILITY OF STRUT NOT AFFECTED PIN INSTALLED ON 5-24-91
FPC-204	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-205	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-PB-304(L)	VT-2	1FPV-011	ACC				NO RECORDABLE INDICATIONS

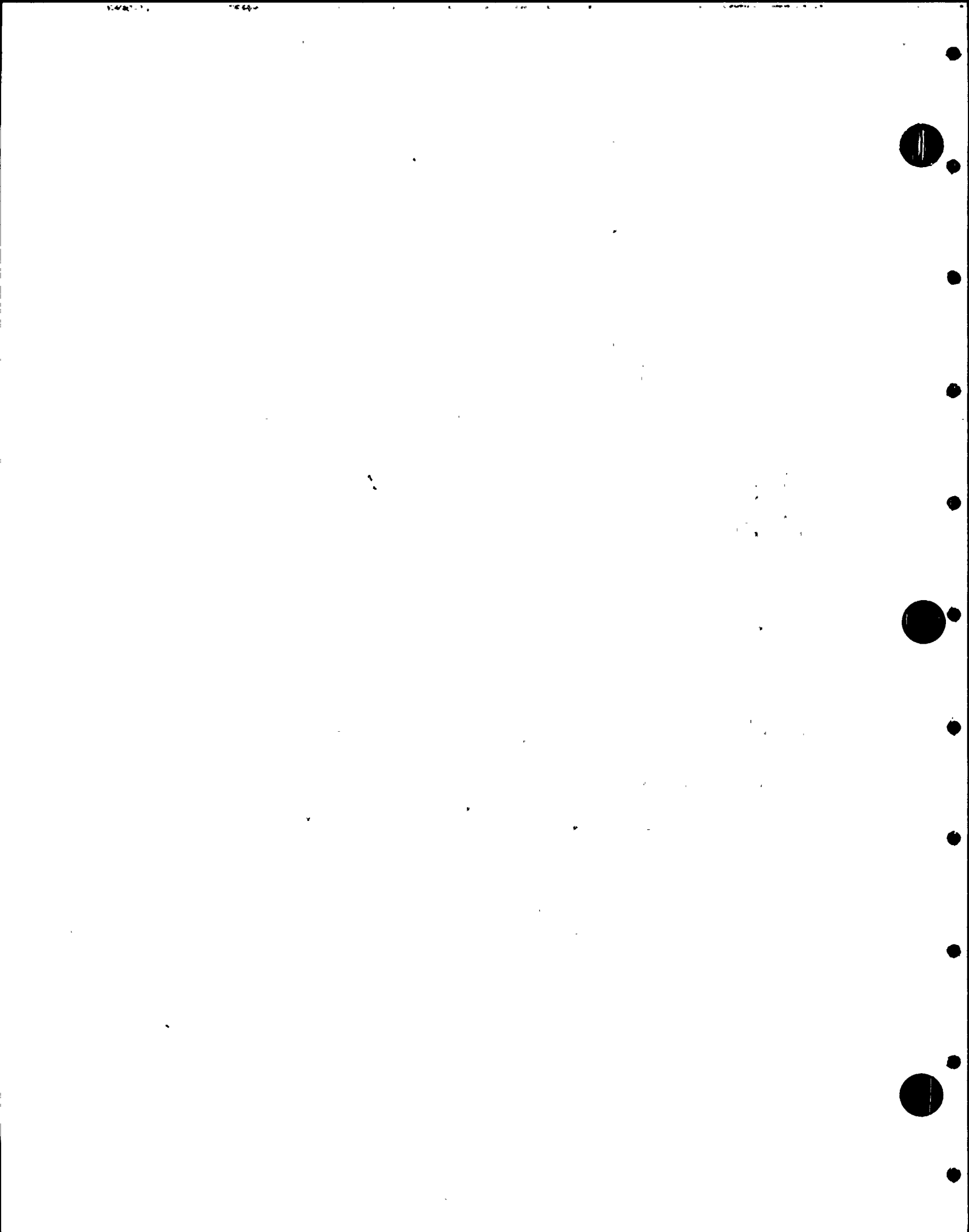


WNP-02
 INTERVAL: 01
 PERIOD: 02
 OUTAGE: R6
 DRAWING NO. FPC-305

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
 SYSTEM OR COMPONENT FPC(3)-1
 DESCRIPTION: FPC-DH-1A RETURN

PAGE 001
 DATE 12/05/91

IDENT..NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY OTHER		
FPC-83	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS PLUG IN CEILING REMOVED FOR ACCESS TO CUBICLE.
FPC-82	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-79	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-78	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-167	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-166	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-911N	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-165	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-206	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-164	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-163	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-912N	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-214	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-215	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS



WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. FPC-305

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT FPC(3)-1
DESCRIPTION: FPC-DM-1A RETURN

PAGE 002
DATE 12/05/91

IDENT. NO.---	EXAM. MIN.	EXAM. DATA SHEET NO.---	EXAMINATION RESULTS-----				REMARKS-----
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
FPC-216	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-240	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-230	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-227	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-225	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-PR-305(L)	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
	VT-2	1FPV-011	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. FPC-308

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT FPC(27)-1
DESCRIPTION: FPC-DH-1A/B TO TK-22

PAGE 001
DATE 12/05/91

IDENT..NO.---	EXAM. MIH.	EXAM. DATA SHEET NO.---	EXAMINATION RESULTS-----				REMARKS-----
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY OTHER		
FPC-5	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-6	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-8	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-9	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-10	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-11	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-12	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-13	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-14	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-17	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-18	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-19	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
FPC-20	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RCC-201

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RCC(3)-1
DESCRIPTION: RCC SUPPLY

PAGE 001
DATE 12/05/91

IDENT. NO.	EXAM. MTN.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
RCC-255	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS LUGS AND WELDS COATED WITH RUST
RCC-256	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
RCC-PB-201(L)	VT-2	1RCV-018	ACC				NO RECORDABLE INDICATIONS CLASS 3 RCC SYSTEM ALSO LEAK TEST- ED AND FOUND ACCEPTABLE

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RCC-202

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RCC(36)-1
DESCRIPTION: RCC RETURN

PAGE 001
DATE 12/05/91

IDENT. NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
			INDIC.	INDIC.	GEOMETRY	OTHER	
RCC-389							
RCC-PB-202(L)	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
	VT-2	1RCV-018	ACC				NO RECORDABLE INDICATIONS

WNP-02
 INTERVAL: 01
 PERIOD: 02
 OUTAGE: R6
 DRAWING NO. RCC-301

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
 SYSTEM OR COMPONENT RCC(3)-2
 DESCRIPTION: RCC SUPPLY TO P-1A/B

PAGE 001
 DATE 12/05/91

IDENT. NO.	EXAM. MIN.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS		REMARKS
			NO INDIC.	INSIGNIF SIGNIFICANT INDIC. GEOMETRY OTHER	
RCC-912N	VT3H	1HV-0213	ACC		NO RECORDABLE INDICATIONS MINOR RUST ON CLAMP
RCC-478	VT3H	1HV-0213	ACC		NO RECORDABLE INDICATIONS
RCC-443	VT3H	1HV-0213	ACC		NO RECORDABLE INDICATIONS
RCC-443(W)	VT-3	1RCV-009	ACC		NO RECORDABLE INDICATIONS
RCC-269	VT3H	1HV-0213	ACC		HEAVY LAYER OF RUST ON HANGER BLACK RESIDUE (FYRQUEL) ON HGR
RCC-269(W)	VT-3	1RCV-015	ACC		NO RECORDABLE INDICATIONS RUST PRESENT
RCC-908N	VT3H	1HV-0213	ACC		NO RECORDABLE INDICATIONS EXCEPT MINOR RUST ON BASE PLATE
RCC-274	VT3H	1HV-0213	ACC		NO RECORDABLE INDICATIONS EXCEPT MINOR RUST ON CLAMP
RCC-276	VT3H	1HV-0213	ACC		NO RECORDABLE INDICATIONS EXCEPT MINOR RUST ON BOLTS
RCC-276(W)	VT-3	1RCV-014	ACC		NO RECORDABLE INDICATIONS MINOR RUST PRESENT

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RCC-301

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RCC(3)-2
DESCRIPTION: RCC SUPPLY TO P-1A/B

PAGE 002
DATE 12/05/91

IDENT..NO.	EXAM. MIH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY OTHER		
RCC-279	VT3H	1HV-0213		ACC			NO RECORDABLE INDICATIONS EXCEPT HEAVY RUST ON BOTTOM SIDE OF CLAMP AND MINOR RUST ON CLAMP NUTS
RCC-280	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS EXCEPT MINOR RUST ON BOLTS AND PLATES

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RCC-301

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RCC(3)-2
DESCRIPTION: 2CC SUPPLY TO P-1A/B

PAGE 003
DATE 12/05/91

IDENT. NO. RCC-280(W)	EXAM. MIH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
			INDIC.	INDIC.	GEOMETRY	OTHER	
	VT-3	1RCV-013	ACC				NO RECORDABLE INDICATIONS RUST PRESENT

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RCC-301

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RCC(3)-2
DESCRIPTION: RCC SUPPLY TO P-1A/B

PAGE 004
DATE 12/05/91

IDENT. NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
RCC-285	VT3H	1HV-0213		ACC			NO RECORDABLE INDICATIONS EXCEPT 1) MINOR RUST AND 2) BROKEN COTTER PINS AT CLAMP AND REAR BRACKET NEW PINS INSTALL. (EVAL SHT 1-061)
RCC-469	VT3H	1HV-0213		ACC			NO RECORDABLE INDICATIONS EXCEPT MINOR RUST (NO MATL LOSS)
RCC-287	VT3H	1HV-0213		ACC			NO RECORDABLE INDICATIONS EXCEPT FOR HEAVY RUST LAYER ON HGR (NO MATL LOSS)

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RCC-301

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RCC(3)-2
DESCRIPTION: 2CC SUPPLY TO P-1A/B

PAGE 005
DATE 12/05/91

		EXAM.	EXAMINATION RESULTS					
		DATA						
	EXAM.	SHEET	NO	INSIGNIF	SIGNIFICANT			
IDENT. NO. ---	MTM.	NO. ---	INDIC. ---	INDIC. ---	GEOMETRY	OTHER ---	REMARKS ---	
RCC-287(W)								
	VT-5	1RCV-012		ACC			NO REC IND EXCEPT FOR HEAVY RUST (NO MATL LOSS)	

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. RCC-302

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT RCC(36)-1
DESCRIPTION: RCC RETURN HEADER

PAGE 001
DATE 12/05/91

IDENT..NO.-----	EXAM. MTH.	EXAM. DATA SHEET NO.-----	EXAMINATION RESULTS-----				REMARKS-----
			NO INDIC.---	INSIGNIF INDIC.---	SIGNIFICANT GEOMETRY OTHER		
RCC-306	VT3H	1HV-0213		ACC			NO RECORDABLE INDICATIONS EXCEPT HEAVY RUST ON PIPE CLAMP AND BASE PLATE BOLTS (NO MATL LOSS)
RCC-306(W)	VT-3	1RCV-016	ACC				NO RECORDABLE INDICATIONS CORROSION PRESENT
RCC-462	VT3H	1HV-0213		ACC			NO RECORDABLE INDICATONS EXCEPT HEAVY RUST ON PIPE CLAMP W/MINOR RUST CN HGR ASSY (NO MATL LOSS)
RCC-488	VT3H	1HV-0213		ACC			NO RECORDABLE INDICATIONS EXCEPT HEAVY RUST ON PIPE CLAMP AND BASE PLATE BOLTS (NO MATL LOSS)
RCC-488(W)	VT-3	1RCV-017	ACC				NO RECORDABLE INDICATIONS CORROSION PRESENT
RCC-345(W)	VT-3	1RCV-010	ACC				NO RECORDABLE INDICATIONS. MINOR CORROSION PRESENT.
RCC-465(W)	VT-3	1RCV-011		ACC			NO INDICATIONS EXCEPT MINOR RUST

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-301

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(18)-2
DESCRIPTION: MS-RV-1A DISCHARGE

PAGE 001
DATE 12/05/91

		EXAM.	EXAMINATION RESULTS					
		DATA						
	EXAM.	SHEET	NO	INSIGNIF	SIGNIFICANT			
<u>IDENT. NO.</u>	<u>MIH.</u>	<u>NO.</u>	<u>INDIC.</u>	<u>INDIC.</u>	<u>GEOMETRY</u>	<u>OTHER</u>	<u>REMARKS</u>	
MS-PB-301(L)								
	VT-2	1MSV-099	ACC				NO RECORDABLE INDICATIONS	

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-302

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(18)-2
DESCRIPTION: MS-RV-2A DISCHARGE

PAGE 001
DATE 12/05/91

IDENT..NO.----- MS-PB-302(L)	EXAM. MTH.	EXAM. DATA SHEET NO.-----	EXAMINATION RESULTS-----				REMARKS-----
			NO	INSIGNIF	SIGNIFICANT		
			INDIC.	INDIC.	GEOMETRY	OTHER	
	VT-2	1MSV-099	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-303

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(18)-2
DESCRIPTION: MS-RV-3A DISCHARGE

PAGE 001
DATE 12/05/91

	EXAM. DATA SHEET	EXAMINATION RESULTS					
	EXAM. SHEET	NO	INSIGNIF	SIGNIFICANT			
IDENT. NO.	MIH. NO.	INDIC.	INDIC.	GEOMETRY	OTHER	REMARKS	
MS-PB-303(L)	VT-2	1MSV-099	ACC			NO RECORDABLE INDICATIONS	

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-304

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT HS(18)-2
DESCRIPTION: HS-RV-4A DISCHARGE

PAGE 001
DATE 12/05/91

IDENT..NO. MS-PB-304(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
			INDIC.	INDIC.	GEOMETRY	OTHER	
	VT-2	1MSV-099	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-305

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(18)2
DESCRIPTION: MS-RV-1B DISCHARGE

PAGE 001
DATE 12/05/91

IDENT. NO. MS-PB-305(L)	EXAM. MIH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
	VT-2	1MSV-099	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-306

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(18)2
DESCRIPTION: MS-RV-2B DISCHARGE

PAGE 001
DATE 12/05/91

IDENT. NO. MS-PB-306(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
	VT-2	1MSV-099	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-307

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(18)2
DESCRIPTION: MS-RV-3B DISCHARGE

PAGE 001
DATE 12/05/91

IDENT. NO. MS-PB-307(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
			INDIC.	INDIC.	GEOMEIRY	OTHER	
	VT-2	1MSV-099	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-308

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(18)2
DESCRIPTION: MS-RV-4B DISCHARGE

PAGE 001
DATE 12/05/91

<u>IDENT..NO.</u> MS-PB-308(L)	EXAM. DATA SHEET NO.	EXAM. MTH. NO.	<u>EXAMINATION RESULTS</u>				<u>REMARKS</u>
			<u>NO</u>	<u>INSIGNIF</u>	<u>SIGNIFICANT</u>		
			<u>INDIC.</u>	<u>INDIC.</u>	<u>GEOMETRY</u>	<u>OTHER</u>	
	VT-2	1MSV-099	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-309

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(18)2
DESCRIPTION: MS-RV-5B DISCHARGE

PAGE 001
DATE 12/05/91

IDENT..NO.----- MS-PB-309(L)	EXAM. MTH.-----	EXAM. DATA SHEET NO.-----	EXAMINATION RESULTS-----				REMARKS-----
			NO	INSIGNIF	SIGNIFICANT		
			INDIC.	INDIC.	GEOMETRY OTHER		
	VT-2	1MSV-099	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-310

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(18)-2
DESCRIPTION: MS-RV-1C DISCHARGE

PAGE 001
DATE 12/05/91

		EXAM.					
		DATA	EXAMINATION RESULTS				
		SHEET	NO	INSIGNIF	SIGNIFICANT		
IDENT..NO.	EXAM.	NO.	INDIC.	INDIC.	GEOMETRY	OTHER	REMARKS
MS-PB-310(L)	VT-2	1MSV-099	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-311

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(18)-2
DESCRIPTION: MS-RV-2C DISCHARGE

PAGE 001
DATE 12/05/91

IDENT. NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
			INDIC.	INDIC.	GEOMETRY	OTHER	
MS-PB-311(L)	VT-2	1MSV-099	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-312

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(18)-2
DESCRIPTION: MS-RV-3C DISCHARGE

PAGE 001
DATE 12/05/91

IDENT..NO. MS-PB-312(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
	VT-2	1MSV-099	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-313

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(18)-2-6
DESCRIPTION: MS-RV-4C DISCHARGE

PAGE 001
DATE 12/05/91

IDENT..NO. MS-PB-313(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY	OTHER	
	VT-2	1MSV-099	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-314

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(18)-2-5
DESCRIPTION: MS-RV-5C DISCHARGE

PAGE 001
DATE 12/05/91

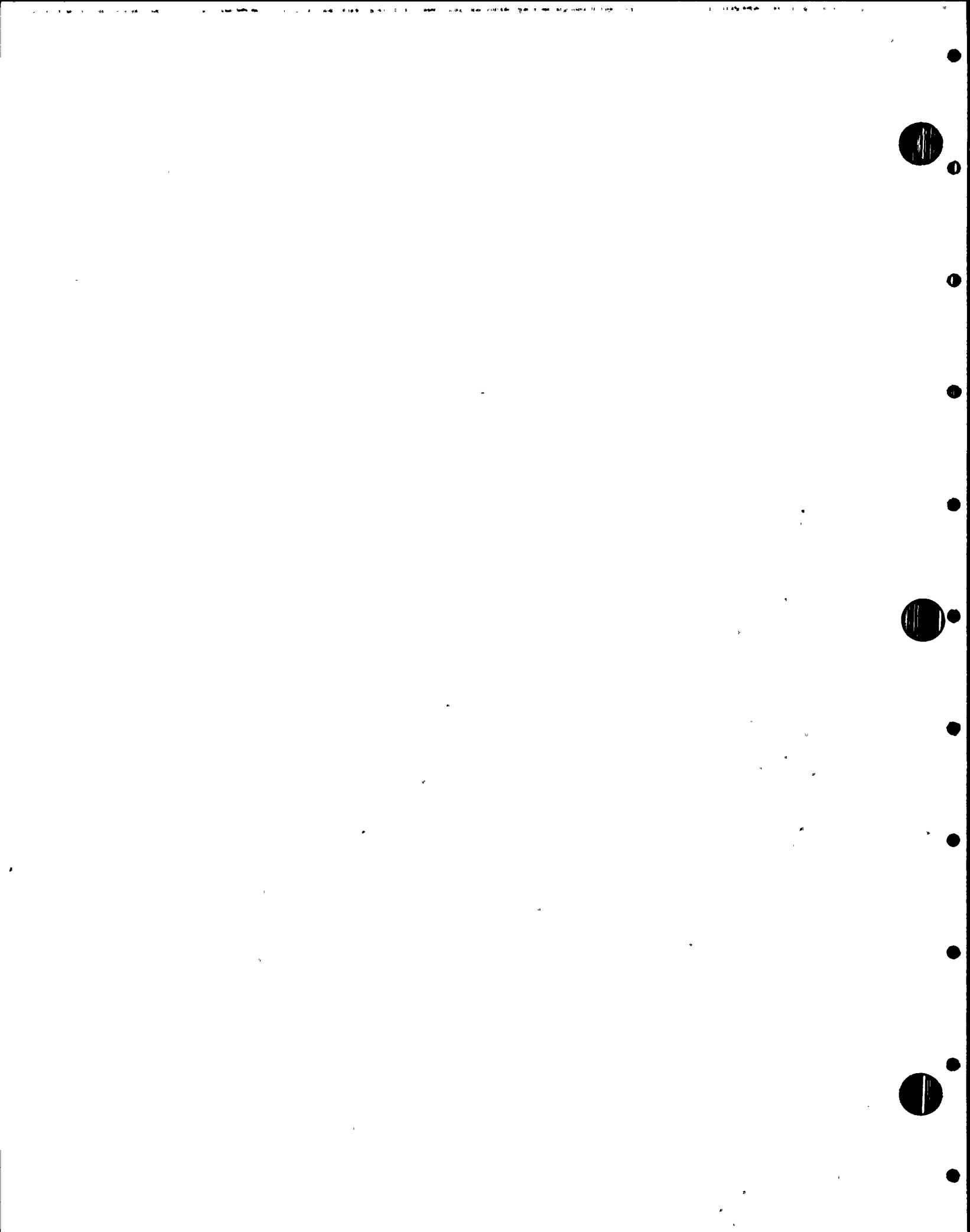
IDENT. NO.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
		INDIC.	INDIC.	GEOMETRY	OTHER	
MS-PB-314(L)	VT-2	1MSV-099	ACC			NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-315

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(18)2
DESCRIPTION: MS-RV-1D DISCHARGE

PAGE 001
DATE 12/05/91

	EXAM.	DATA	EXAMINATION RESULTS				
	EXAM.	SHEET	NO	INSIGNIF	SIGNIFICANT		
IDENT..NO.---	MIH.	NO.---	INDIC.	INDIC.	GEOMETRY	OTHER	REMARKS
MS-PB-315(L)							
	VT-2	1MSV-099	ACC				NO RECORDABLE INDICATIONS



WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-316

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(18)2
DESCRIPTION: MS-RV-2D DISCHARGE

PAGE 001
DATE 12/05/91

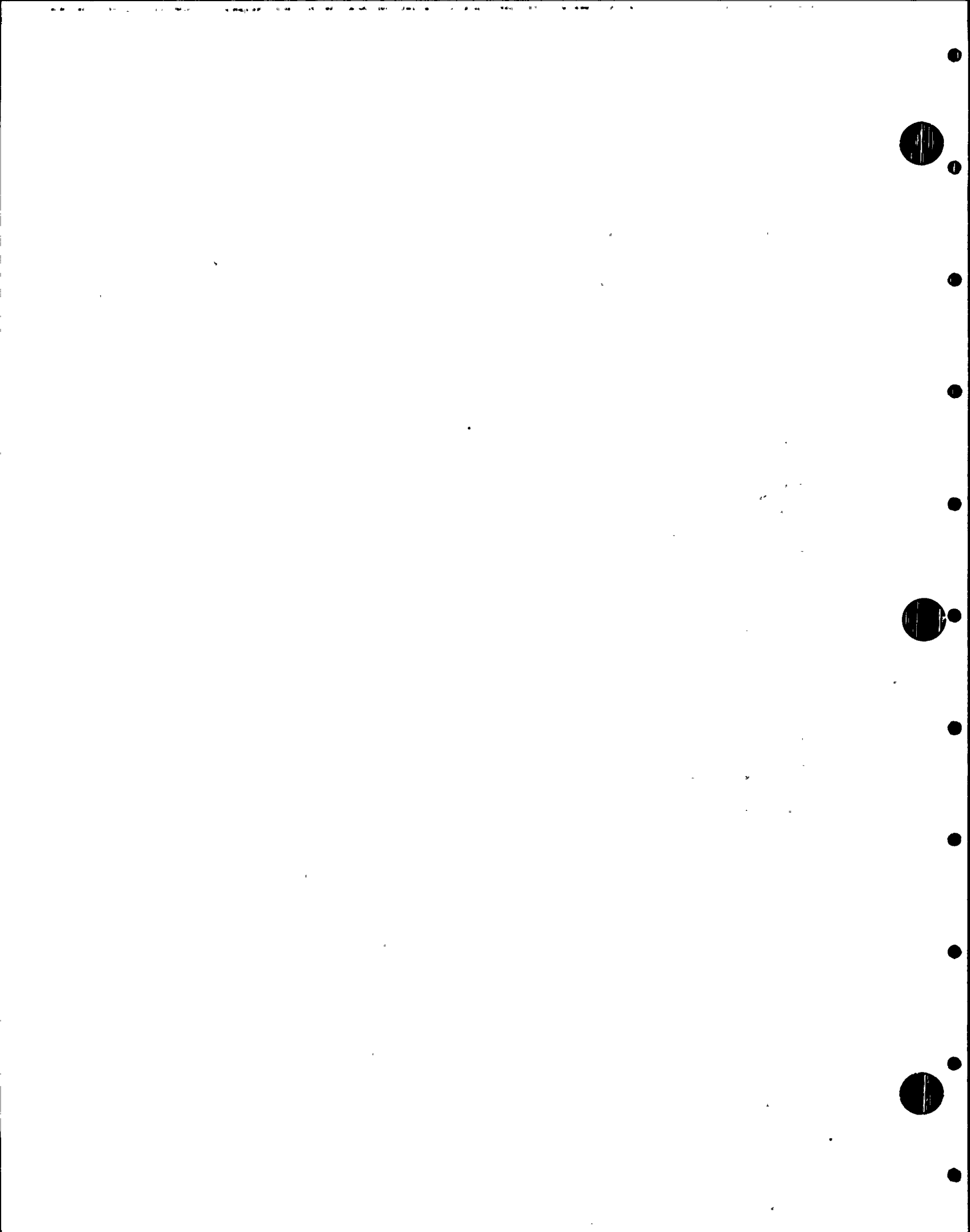
IDENT..NO. MS-PB-316(L)	EXAM. DATA SHEET MTII. NO.	EXAM. NO.	EXAMINATION RESULTS				REMARKS	
			NO	INSIGNIF	SIGNIFICANT			
			INDIC.	INDIC.	GEOMETRY	OTHER		
	VT-2	1MSV-099	ACC					NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-317

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(18)2
DESCRIPTION: MS-RV-3D DISCHARGE

PAGE 001
DATE 12/05/91

IDENT. NO. MS-PB-317(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
			INDIC.	INDIC.	GEOMETRY	OTHER	
	VT-2	1MSV-099	ACC				NO RECORDABLE INDICATIONS



WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. MS-318

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT MS(18)2---
DESCRIPTION: MS-RV-4D DISCHARGE---

PAGE 001
DATE 12/05/91

EXAM.
DATA

EXAMINATION RESULTS

EXAM. SHEET

SHEET

NO

INSIGNIF

SIGNIFICANT

IDENT. NO. ---
MS-PB-318(L)

MTM.

NO. _____

INDIC.

INDIC.

GEOMETRY OTHER

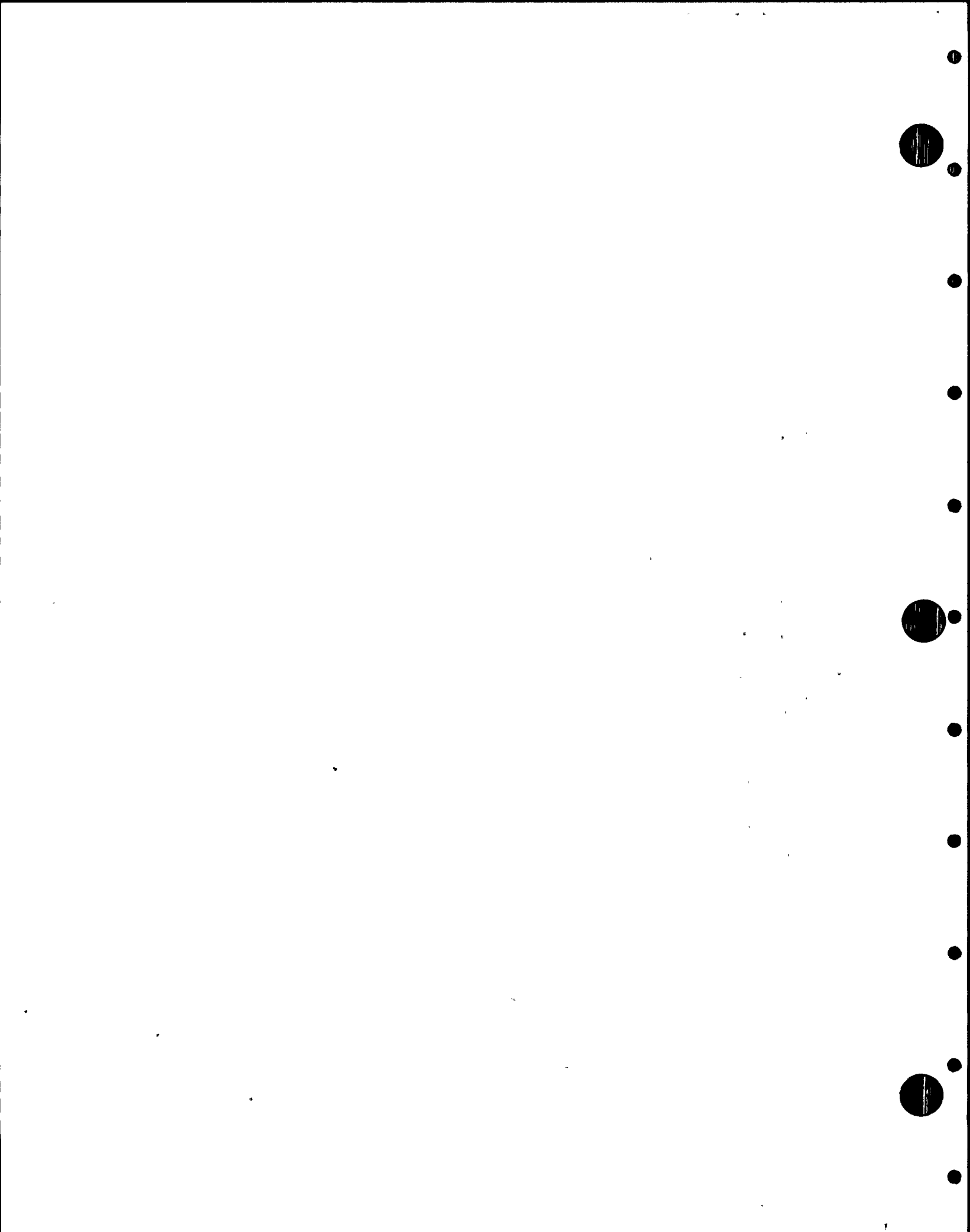
REMARKS

VT-2

1MSY-099

ACC

NO RECORDABLE INDICATIONS

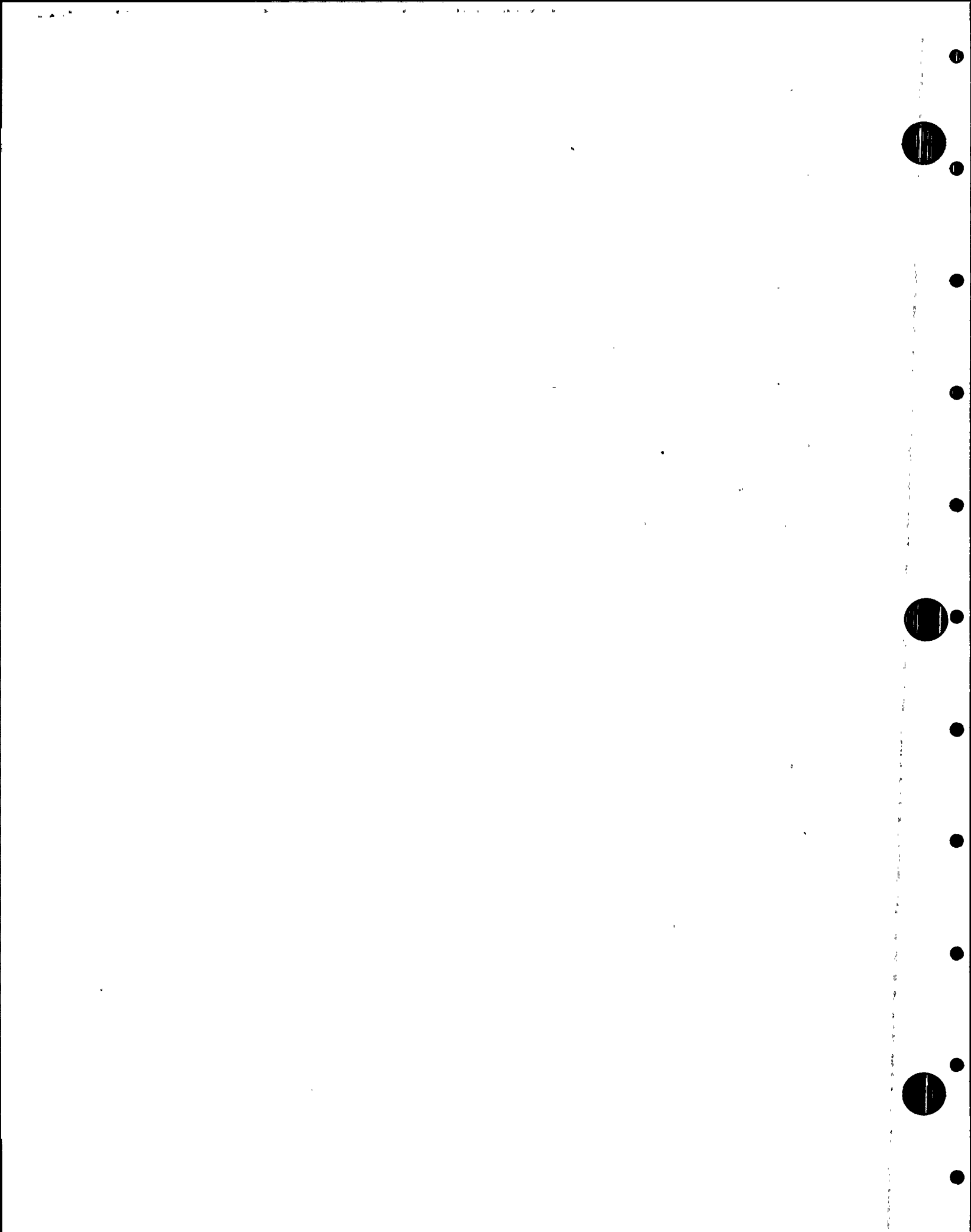


WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. CRD-201

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT CRD(12)-3
DESCRIPTION: CRD SCRAM DISCHARGE

PAGE 001
DATE 12/05/91

<u>IDENT. NO.</u> CRD-PB-201(L)	<u>EXAM. DATA</u> <u>MIH. NO.</u>	<u>EXAMINATION RESULTS</u>				<u>REMARKS</u>
		<u>NO</u>	<u>INSIGNIF</u>	<u>SIGNIFICANT</u>		
		<u>INDIC.</u>	<u>INDIC.</u>	<u>GEOMETRY</u>	<u>OTHER</u>	
	VT-2	1CRV-003	ACC			NO RECORDABLE INDICATIONS

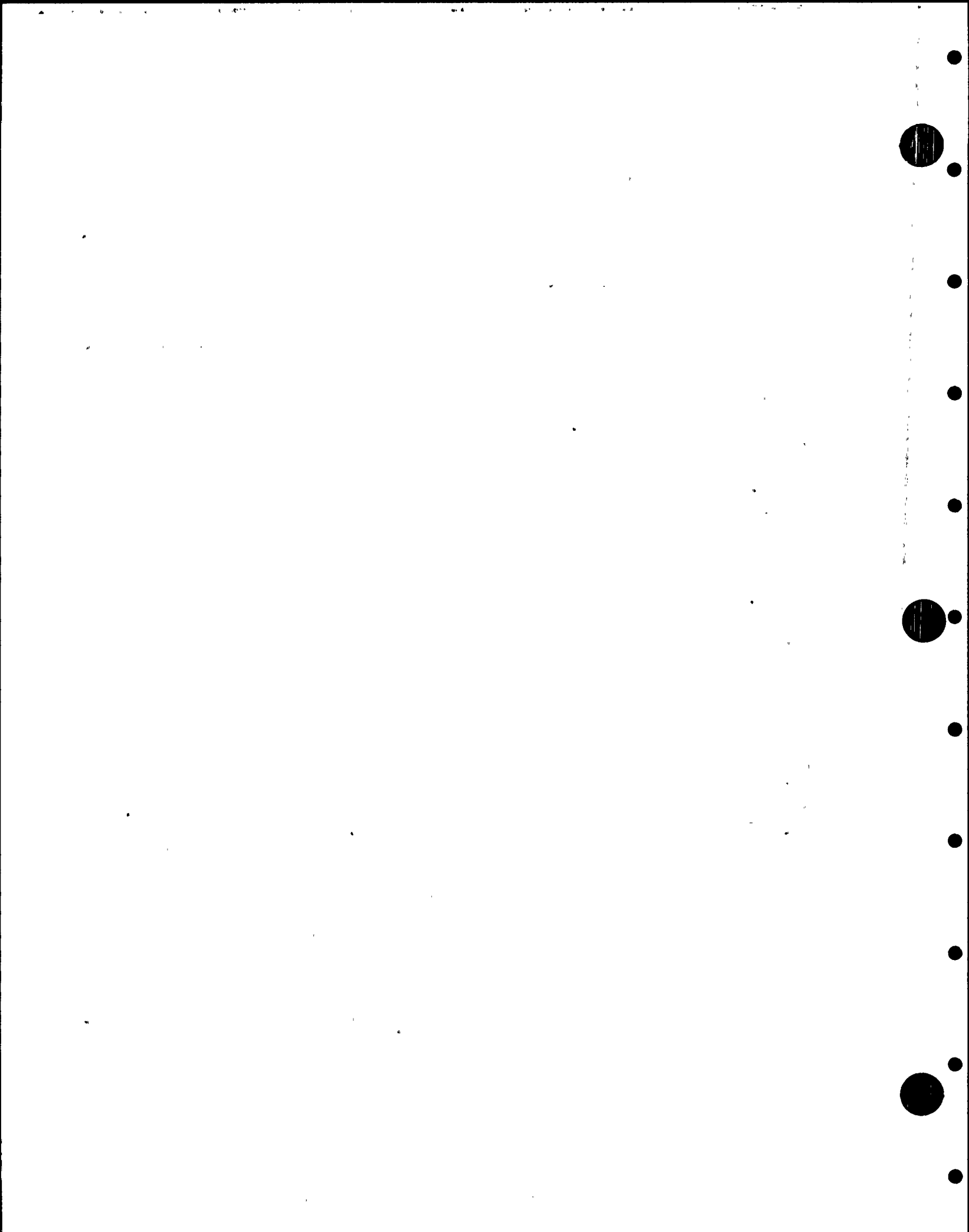


WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. CRD-202

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT CRD(12)-3
DESCRIPTION: CRD_SCRAM_DISCHARGE

PAGE 001
DATE 12/05/91

	EXAM.	DATA	EXAMINATION RESULTS				
	EXAM.	SHEET	NO	INSIGNIF	SIGNIFICANT		
IDENT. NO.	MTH.	NO.	INDIC.	INDIC.	GEOMETRY	OTHER	REMARKS
CRD-PB-202(L)							
	VT-2	1CRV-003	ACC				NO RECORDABLE INDICATIONS



WNP-02
 INTERVAL: 01
 PERIOD: 02
 OUTAGE: R6
 DRAWING NO. SLC-101

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
 NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
 SYSTEM OR COMPONENT SLC(2)-4S
 DESCRIPTION: SLC PUMP DISCHARGE

PAGE 001
 DATE 12/05/91

IDENT..NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY OTHER		
SLC-PB-101(L)	VT-2	1VT2-91	ACC				NO RECORDABLE INDICATIONS SLC CL 2 SYSTEM LEAK TESTED AND .FOUND ACCEPTABLE ALSO (1SLV-002).
SLC-4453-33	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
SLC-4453-35	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
SLC-4453-36	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
SLC-4453-38	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
SLC-4453-41	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
SLC-4453-42	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
SLC-4453-43	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
SLC-4453-44	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
SLC-4453-45	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
SLC-4453-46	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
SLC-4453-55	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
SLC-4453-56	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
SLC-4453-63	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 01
PERIOD: 02
OUTAGE: R6
DRAWING NO. SLC-101

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT SLC(2)-4S
DESCRIPTION: SLC PUMP DISCHARGE

PAGE 002
DATE 12/05/91

IDENT. NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO INDIC.	INSIGNIF INDIC.	SIGNIFICANT GEOMETRY OTHER		
SLC-4453-65	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
SLC-4475-11	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
SLC-4475-17	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
SLC-4475-18	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
SLC-4475-19	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS
SLC-4475-110	VT3H	1HV-0213	ACC				NO RECORDABLE INDICATIONS

WNP-02
INTERVAL: 1
PERIOD: 02
OUTAGE: R6
DRAWING NO. MISC

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT CSP(1)-1
DESCRIPTION: CONINT PURGE AIR SUP

PAGE 001
DATE 12/05/91

IDENT..NO.	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
30CSP(1)-3			INDIC.	INDIC.	GEOMETRY	OTHER	
	VOL	1CSU-009			ACC		LIMIT. DUE TO UPSTM DRAIN LINE. REF. EVAL. SHT. 1-062 AND 1CSU-010
		1CSU-010			ACC		SUPPLEMENTAL EXAM. FOR "A" DIMENS. COVER. DUE TO 1" UPSTM DRAIN LINE.

WNP-02
INTERVAL: 01
PERIOD: 2
OUTAGE: R6
DRAWING NO. CCH-304

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NON-DESTRUCTIVE EXAMINATION SUMMARY TABLE
SYSTEM OR COMPONENT CCH(2)-1
DESCRIPTION: LOOP B CCH

PAGE 001
DATE 12/05/91

IDENT. NO. CCH-PB-304(L)	EXAM. MTH.	EXAM. DATA SHEET NO.	EXAMINATION RESULTS				REMARKS
			NO	INSIGNIF	SIGNIFICANT		
			INDIC.	INDIC.	GEOMETRY	OTHER	
	VT-2	1CCV-002	ACC				NO RECORDABLE INDICATIONS

APPENDIX C

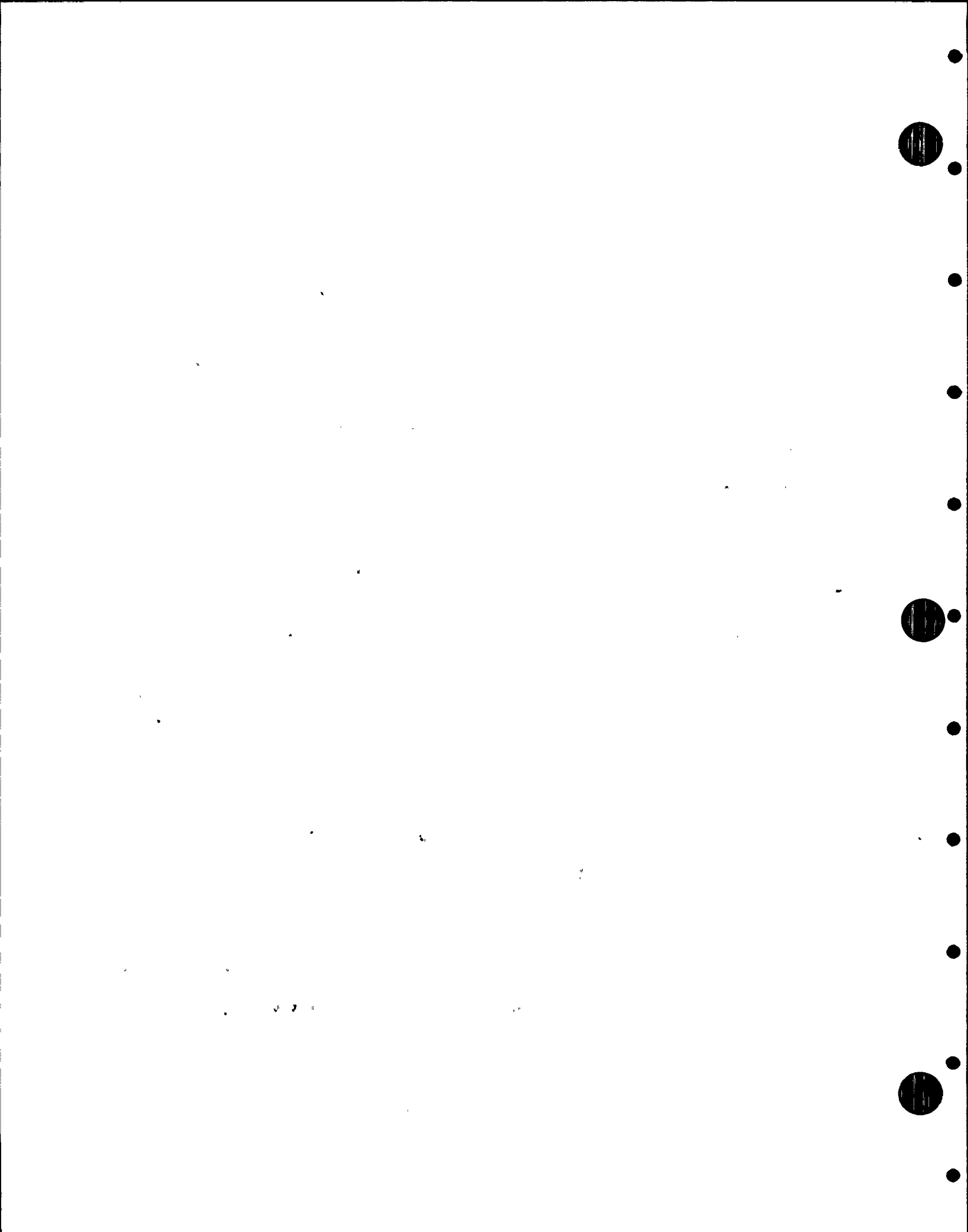
AMSE SECTION XI REPAIR/REPLACEMENT LISTING NIS-2 OWNER'S REPORTS

This appendix summarizes all ASME Section XI repairs/replacements completed between October 19, 1990 and September 30, 1991. Also contained in Appendix C are NIS-2 forms, not previously submitted, for work completed prior to October 19, 1990. The status of the NIS-2 Owner's Report is stated for each repair/replacement performed. For repairs/replacements completed at R-6, but for which an NIS-2 Owner's Report has not been issued yet, NIS-2 Owner's Reports will be issued and included in the next ISI Summary Report.

APPENDIX C

ASME SECTION XI REPAIR REPLACEMENT LISTING FOR WNP-2

PLAN NO.	MWR NO.	COMPONENT IDENT NO and/or WORK DESCRIPTION	COMPONENT DESCRIPTION	REPAIR/REPLACEMENT REPORTED IN:
2-0421-02	AT 4185	Valve FPC-V-146A	Valve	RF91A Summary Report
2-0421-03	AT 4186	Valve FPC-V-146B	Valve	RF91A Summary Report
2-0535	AT 8355	HPCS-RV-14 spring steps	Relief valve	RF91A Summary Report
2-0549	AR 3113	Replace EDR-V-18 and FDR-3,4 and 15	Piping	RF91A Summary Report
2-0550	AR 3113	Instrument air to valves FDR-V-3 and 4	Instrument Tubing	RF91A Summary Report
2-0598	AS 5501	Replace disc insert and/or nozzle for relief valve MS-RV-3A	Relief Valve	RF91A Summary Report
2-0606	AT 8356	Studs and nuts for LPCS-RV-31	Piping	RF91A Summary Report
2-0616	AR 0373	Replace body to bonnet nuts for valves HPCS-V-10 and HPCS-V-11	Valve	RF91A Summary Report
2-0617	AR 0374	Replace body to bonnet nuts for HPCS-V-12	Valve	RF91A Summary Report
2-0618	AR 0375	Replace body to bonnet nuts for valve LPCS-FCV-11	Valve	RF91A Summary Report
2-0619	AR 0376	Replace body to bonnet nuts for valve LPCS-V-12	Valve	RF91A Summary Report
2-0620	AR 0379	Replace body to bonnet nuts for valves RHR-FCV-64A, B and C	Valve	RF91A Summary Report
2-0621	AR 0380	Replace body to bonnet nuts for valve RHR-V-21	Valve	RF91A Summary Report
2-0628	AR 0366	Tube plugging for CCH-CR-1A	Heat Exchanger	RF91A Summary Report
2-0630	AR 0382	Replace body to bonnet nuts for RHR-V-40	Valve	RF91A Summary Report
2-0632	AR 0384	Replace body to bonnet nuts for SW-V-12A and B	Valve	RF91A Summary Report
2-0633	AR 1007	Level indicator for CCH - Loop A	Piping	RF91A Summary Report
2-0634	AR 1008	Level indicator for CCH - Loop B	Piping	RF91A Summary Report
2-0635	AR 0895	Seal weld pipe plug for RO on RWCU-895-8.12	Piping	RF91A Summary Report
2-0636	AR 1419	Reinstall drain connection SW-V-834A	Piping	RF91A Summary Report
2-0637	AR 0805	Repair corroded areas on cover plate for DCW-HX-1B1	Heat Exchanger	RF91A Summary Report
2-0638	AR 0805	Repair corroded areas on cover plate for DCW-HX-1B2	Heat Exchanger	RF91A Summary Report
2-0639	AR 1474	Reinstall drain connection for HPCS-V-21 and HPCS-V-22	Piping	RF91A Summary Report
2-0640	AR 1534	Hot gas bypass line for CCH-CR-1A	Piping	RF91A Summary Report
2-0641	AR 1285	Modify drain connection for HPCS-V-36	Piping	RF91A Summary Report
2-0642	AR 1286	Modify vent connection for HPCS-V-74	Piping	RF91A Summary Report
2-0643	AR 1198	Replace valve IR-84-V-1C on D-220-15.0-PED-I-0563	Piping	RF91A Summary Report
2-0644	AR 1564	Increase socket weld size for RCIC-V-84	Tubing	RF91A Summary Report
2-0645	AR 1565	Repair pressure warning device for access hatch X-51	Piping	RF91A Summary Report
2-0650	AR 1485	Cross tie spool piece and butterfly valve SW-V-933A	Containment	RF91A Summary Report
2-0651	AR 1486	Cross tie spool piece and butterfly valve SW-V-933B	Piping/Valve	RF91A Summary Report
2-0652	AR 2130	MSRV accumulator test valve connections	Piping/Valve	RF91A Summary Report
2-0661	AR 2435	Replace snubbers with rigid struts	Piping	RF91A Summary Report



APPENDIX C

ASME SECTION XI REPAIR REPLACEMENT LISTING FOR WNP-2

PLAN NO.	MWR NO.	COMPONENT IDENT NO and/or WORK DESCRIPTION	COMPONENT DESCRIPTION	REPAIR/REPLACEMENT REPORTED IN:
2-0662	AR 1845	Replace stem/disc assembly for valve RWCU-V-229B	Valve	RF91A Summary Report
2-0663	AR 2435	Modify support MSRV-2D-2	Piping	RF91A Summary Report
2-0668	AR 2854	Install flanges for CSP-RV-51 and CSP-RV-52	Piping	RF91A Summary Report
2-0669	AR 0864	Personnel access hatch X-16	Penetration	RF91A Summary Report
2-0671	AR 3420	Install new support B-220-643-11 for instrument line PI(1)-4S-X42A	Tubing	RF91A Summary Report
2-0672	AR 3420	Install new support B-220-1141-25A for instrument line PI(1)-4S-X78B	Tubing	RF91A Summary Report
2-0673	AR 3420	Modify supports B-220-735-20,638-12,1112-12 for PI(1)-4S-X61B,70C,75C	Tubing	RF91A Summary Report
2-0681	AR 3706	Plug pressure warning device ports for wetwell hatch X-51	Penetration	RF91A Summary Report
2-0682	AR 3705	Plug pressure warning device ports for CRD hatch X-28	Penetration	RF91A Summary Report
2-0683	AR 3752	Replace missing plugs for valves CRD-V-101A/XXXX	Valves	RF91A Summary Report
2-0684	AR 3818	Body to bonnet seal weld for valve CSP-V-93	Valve	RF91A Summary Report
2-0685	AR 2702	Nuts for U bolt for line PI(1)-4S-X82B	Tubing	RF91A Summary Report
2-0686	AR 3739	Replace parts for valve SLC-V-4A	Valve	RF91A Summary Report
2-0687	AR 2813	Replace bolting material and plug tubes for OG-HX-1A	Heat Exchanger	RF91A Summary Report
2-0688	AR 2814	Replace bolting material for OG-HX-1B	Heat Exchanger	RF91A Summary Report
2-0689	AR 3277	Fabricate and replace orifice plate for RWCU-FE-40	Piping	RF91A Summary Report
2-0690	AR 2948	Remove and repair RWCU-FE-40, RWCU-895-8.12	Piping	RF91A Summary Report
2-0694	AR 2745	Replace valve PI-V-X265	Valve	RF91A Summary Report
2-0695	AR 4143	Install acceleration recorder on HPCS piping	Piping	RF91A Summary Report
2-0696	AR 4217	Repair cross tie spool piece for valves SW-V-933A and SW-V-933B	Piping	RF91A Summary Report
2-0697	AR 3752	Replace plugs for valves CRD-V-102A/XXXX	Valves	RF91A Summary Report
2-0699	AR 3946	Replace wedge for valve MS-V-16	Valve	RF91A Summary Report
2-0700	AR 4265	Modify drain connection for HPCS-V-62 and HPCS-V-70	Piping	RF91A Summary Report
2-0702	AR 4435	Seal weld pipe plug for RO on RWCU-895-8.12	Piping	RF91A Summary Report
2-0703	AR 2598	Replace plug for MS-TK-2C	Tank	RF91A Summary Report
2-0705	AR 4587	Replace RRC-P-1A discharge decontamination flange	Piping	RF91A Summary Report
2-0706	AR 4681	Body to bonnet seal weld for valve CIA-V-66B	Valve	RF91A Summary Report
2-0707	AR 4682	Body to bonnet seal weld for valve CIA-V-58B	Valve	RF91A Summary Report
2-0708	AR 4683	Body to bonnet seal weld for valve CIA-V-53B	Valve	RF91A Summary Report
2-0709	AR 4666	Replace valve RRC-V-733A	Piping	RF91A Summary Report
2-0710	AR 1671	Repair low spot in FW 7 for valve RHR-V-175B	Valve	RF91A Summary Report
2-0711	AR 5075	Install pipe cap on connection for RHR-897-1.2	Piping	RF91A Summary Report
2-0715	AR 5116	Body to bonnet seal weld for valve PI-V-X269	Valve	RF91A Summary Report

APPENDIX C

ASME SECTION XI REPAIR REPLACEMENT LISTING FOR WNP-2

PLAN NO.	MWR NO.	COMPONENT IDENT NO and/or WORK DESCRIPTION	COMPONENT DESCRIPTION	REPAIR/REPLACEMENT REPORTED IN:
2-0716	AR 5369	Repair corroded areas on cover plate for DCW-HX-1A1	Heat Exchanger	RF91A Summary Report
2-0718	AR 5460	Modify piping around valves RHR-V-108 and RHR-V-109	Piping	RF91A Summary Report
2-0721	AR 5491	Reinstall lugs for support B-220-1141-25A for line PI(1)-4S-X78B	Tubing	RF91A Summary Report
2-0733	AR 4999	Fabricate bolts and install for pump DO-P-2	Pump	RF91A Summary Report
N/A	AR 1750	Removed Hgr 220-6-020 for P1(1)-ST(H22-P021)A-9 and -A10	Hangers	RF91A Summary Report
N/A	AR 2435	Deleted Snubbers	Hangers	RF91A Summary Report
N/A	AR 3113	Deleted Snubbers	Hangers	RF91A Summary Report

APPENDIX C-1

SUMMARY OF WNP-2 ASME SECTION XI REPAIR / REPLACEMENT WORK COMPLETED BUT NIS-2 REPORT NOT ISSUED

PLAN NO.	MWR NO.	COMPONENT IDENT NO. AND / OR WORK DESCRIPTION	COMPONENT DESCRIPTION	STATUS
2-0653	AR 2188	Replace disc insert and/or nozzle for relief valve MS-RV-1B	Relief Valve	Work Cmpltd; NIS-2 Not Issued
2-0654	AR 2189	Replace existing relief valve MS-RV-3C with spare S/N 0120	Relief Valve	Work Cmpltd; NIS-2 Not Issued
2-0655	AR 2190	Replace disc insert and/or nozzle for relief valve MS-RV-2B	Relief Valve	Work Cmpltd; NIS-2 Not Issued
2-0656	AR 2191	Replace disc insert and/or nozzle for relief valve MS-RV-2C	Relief Valve	Work Cmpltd; NIS-2 Not Issued
2-0657	AR 2192	Replace existing relief valve MS-RV-2D with spare S/N 0124	Relief Valve	Work Cmpltd; NIS-2 Not Issued
2-0658	AR 2193	Replace disc insert and/or nozzle for relief valve MS-RV-4D	Relief Valve	Work Cmpltd; NIS-2 Not Issued
2-0659	AR 2194	Replace disc insert and/or nozzle for relief valve MS-RV-5B	Relief Valve	Work Cmpltd; NIS-2 Not Issued
2-0660	AR 2195	Replace disc insert and/or nozzle for relief valve MS-RV-5C	Relief Valve	Work Cmpltd; NIS-2 Not Issued
2-0675	AR 3722	Modify test connection for valves RFW-V-45A and RFW-V-45B	Piping	Work Cmpltd; NIS-2 Not Issued
2-0676	AR 3723	Modify test connection for valves RFW-V-119 and RFW-V-120	Piping	Work Cmpltd; NIS-2 Not Issued
2-0677	AR 3721	Modify test connection for valves RFW-V-44A and RFW-V-44B	Piping	Work Cmpltd; NIS-2 Not Issued
2-0678	AR 3724	Modify test connection for valves RHR-V-161A and RHR-V-162A	Piping	Work Cmpltd; NIS-2 Not Issued
2-0679	AR 3720	Modify drain connection for valves HPCS-V-21 and HPCS-V-22	Piping	Work Cmpltd; NIS-2 Not Issued
2-0680	AR 1095	Modify test connection for valves RFW-V-121 and RFW-V-122	Piping	Work Cmpltd; NIS-2 Not Issued
2-0691	AR 0904	Body to bonnet seal weld and replace stem/disc for valve MS-V-1	Valve	Work Cmpltd; NIS-2 Not Issued
2-0692	AR 0905	Body to bonnet seal weld and replace stem/disc for valve MS-V-2	Valve	Work Cmpltd; NIS-2 Not Issued
2-0693	AR 0906	Body to bonnet seal weld and replace stem/disc for valve MS-V-5	Valve	Work Cmpltd; NIS-2 Not Issued



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

- | | |
|---|----------------|
| 1. Owner: Washington Public Power Supply System (WPPSS) | Date: 4/22/91 |
| Address: 3000 George Washington Way, Richland, WA | Sheet: 1 of 1. |
| 2. Plant: WPPSS Nuclear Power Plant (WNP) | Unit: WNP-2 |
| Address: Hanford, Benton County, WA | |
| 3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA | |
| (b) Repair Organization P.O. No., Job No., etc.: WPPSS | |
| 4. Identification of System: Fuel Pool Cooling (FPC) System | |
| 5. (a) Applicable Construction Code ASME Section III Code Class 3, 1971 Edition with Winter 1972 Addenda, | |
| Code Case: None | |
| (b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980 | |
| Addenda, Code Case: N-308 | |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
FPC-V-146A	Anchor Darling	3N411	N/A	N/A	1975	Replacement	Yes, Code Class 3

7. Description of Work: Installed bushing retainer tab on Anchor Darling tilting disc check valve. The installation work was performed as follows

- 1) Fabricated bushing retainer tab
- 2) Installed bushing retainer tab and made required welds
- 3) Performed visual examination on the final welds. Visual examination results acceptable
- 4) Performed pressure test on valve body to bonnet joint to confirm pressure boundary integrity. No evidence of leakage during pressure test



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0421-2

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ None

Test Pressure: 88 Psig

Test Temperature: 65 °F

Component Design Pressure: 275 Psig

Temperature: 100 °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudolph Supt.

Signed by

M. Schmitz FOR S. Schmitz
Plant Technical Manager

Date

4/23/91

Date

4/24/91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 4/13/88 to 4/24/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Jim Hoggarth

Inspector's Signature

Commissions

9556 W

NBI

National Board, State, and Endorsements

Date

4/26/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

- | | |
|---|---------------|
| 1. Owner: Washington Public Power Supply System (WPPSS) | Date: 4/22/91 |
| Address: 3000 George Washington Way, Richland, WA | Sheet: 1 of 1 |
| 2. Plant: WPPSS Nuclear Power Plant (WNP) | Unit: WNP-2 |
| Address: Hanford, Benton County, WA | |
| 3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA | |
| (b) Repair Organization P.O. No., Job No., etc.: WPPSS | |
| 4. Identification of System: Fuel Pool Cooling (FPC) System | |
| 5. (a) Applicable Construction Code ASME Section III Code Class 3, 1971 Edition with Winter 1972 Addenda, | |
| Code Case: None | |
| (b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980 | |
| Addenda, Code Case: N-308 | |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
FPC-V-146B	Anchor Darling	3N412	N/A	N/A	1975	Replacement	Yes, Code Class 3

- 1) Fabricated bushing retainer tab
- 2) Installed bushing retainer tab and made required welds
- 3) Performed visual examination on the final welds. Visual examination results acceptable
- 4) Performed pressure test on valve body to bonnet joint to confirm pressure boundary integrity. No evidence of leakage during pressure test



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0421-3

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ None
Test Pressure: 88 Psig Test Temperature: 65 °F
Component Design Pressure: 275 Psig Temperature: 100 °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudip Supri

Signed by

McShane FOR S. SEAMON
Plant Technical Manager

Date

4/23/91

Date

4/24/91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 4/18/88 to 4/23/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Don H. Heath

Inspector's Signature

Commissions

9556.W

N.B.I

National Board, State, and Endorsements

Date

4/26/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, WA
2. Plant: WPPSS Nuclear Power Plant (WNP)
Address: Hanford, Benton County, WA
3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: WPPSS
4. Identification of System: High Pressure Core Spray (HPCS) System
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1974 Edition with Winter 1974 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 1/30/91
Sheet: 1 of 1
Unit: WNP-2

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
HPCS-RV-14	Lonergan	509258-72-1	N/A	N/A	1979	Replacement	Yes, Code Class 2

7. Description of Work: Removed existing spring and spring steps from relief valve HPCS-RV-14 and installed new replacement spring and spring steps. The new replacement spring and spring steps were installed in order to lower the relief valve set pressure from 96 psig to 84 psig



FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudip Sungs

Signed by

[Signature]
Plant Technical Manager

Date

1/30/91

Date

2-7-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 1/15/90 to 2/4/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9556 W

NBI

National Board, State, and Endorsements

Date

2/7/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, Washington

Date: 10/24/91

Sheet: 1 of 1

2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)

Unit: WNP-2

Address: Hanford Reservation, Benton County, Washington

3. (a) Work Performed by: Bechtel Construction, Incorporation, PO Box 600, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: C20069

4. Identification of System: Equipment Drains Radioactive (EDR) and Floor Drains Radioactive (FDR) Systems

5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1973 Addenda,
Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
EDR(48)-1 FDR(48)-1	WPPSS WPPSS	EDR(48)-1-P1 FDR(48)-1-P1	N/A N/A	N/A N/A	1983 1983	Replacement Replacement	Yes, Code Class 2 Yes, Code Class 2

7. Description of Work: Replaced existing gate valves with new ball valves. The replacement work was performed as follows

- 1) Cut and removed existing gate valves
- 2) Beveled cut pipe ends
- 3) Performed PT examination on the beveled ends. PT examination results acceptable
- 4) Installed piping material and valves
- 5) Made required socket welds
- 6) Performed PT examination on the final socket welds. PT examination results acceptable
- 7) Made required circumferential butt welds
- 8) Performed RT examination on the final circumferential butt welds. RT examination results acceptable
- 9) Performed pressure test to confirm pressure boundary integrity. No evidence of leakage during pressure test



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0549

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐

Test Pressure: 145*/147** Pslg

Test Temperature: 78*/77** °F

Component Design Pressure: 150 Pslg

Temperature: 150 °F

9. Remarks: See attached NPV-1 Code Data Report for the following valves

Valve EPN No

Valve Serial No

FDR -V-3

89-58127-2-1

FDR -V-4

89-58127-2-2

FDR -V-15

89-58127-1-1

EDR -V-18

89-58127-1-2

* For FDR

** For EDR

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Quaid Sup

Signed by

[Signature]

Plant Technical Manager

Date

10/25/91

Date

10 - 29 - 91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 4/24/90 to 10/31/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]

Inspector's Signature

Commissions

9556 W NBI

National Board, State, and Endorsements

Date

10/31/91

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*
As Required by the Provisions of the ASME Code, Section III, Div. 1

1. Manufactured by ITT Engineered Valves, Lancaster, Pennsylvania 17603
(Name and Address of N Certificate Holder)
2. Manufactured for Washington Public Power Supply System, Richland, WA
(Name and Address of Purchaser or Owner)
3. Location of Installation Nuclear Power Plant Number 2, Richland, WA
(Name and Address)

4. Pump or Valve valves Nominal Inlet Size 3" (inch) Outlet Size 3" (inch)

(a) Model No.	(b) N Certificate Holder's	(c) Canadian	(d) Drawing	(e) Class	(f) Nat'l.	(g) Year
Series No.	Serial No.	Registration No.	No.		Bd. No.	Built
or Type						

(1) Bettis Actuator	89-58127-2-1	NA	SDC-113479 Rev C	2	WR7728	1990
(2) Bettis Actuator	89-58127-2-2	NA	SDC-113479 Rev C	2	WR7729	1990

(3) _____
(4) _____
(5) FDR-V-3, S/N 89-58127-2-1
(6) _____
(7) FDR-V-4, S/N 89-58127-2-2
(8) _____
(9) _____
(10) _____

Building Supp
4/23/90

5. - Nuclear Power Plant -
(Brief description of service for which equipment was designed)

6. Design Conditions 150 (Pressure) psi 212 (Temperature) °F or Valve Pressure Class NA (1)
7. Cold Working Pressure 285 psi at 100°F.
8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
89-58127-2-1 & 2			
Bodies	ASME SA216	Post Precision Castings Inc	Grade WCB
89-58127-2-1 & 2			
Covers	ASME SA216	Post Precision Castings Inc	Grade WCB
(b) Forgings			

(1) For manually operated valves only.

* Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8-1/2" x 11", (2) information in items 1, 2 and 5 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting			
89-58127-2-1 & 2			
Studs	ASME SA193	Jos Dyson & Sons	Grade B7
89-58127-2-1 & 2			
Nuts	ASME SA194	Jos Dyson & Sons	Grade 2H
89-58127-2-1 & 2			
Capscrews	ASME SA193	Jos Dyson & Sons	Grade B7
(d) Other Parts			
89-58127-2-1 & 2			
Balls	ASME SA479	Ballco Manufacturing Company	Grade 316
FDR-V-3, S/N 58127-2-1			
FDR-V-4, S/N 58127-2-2			
		<i>Rudolph Supply</i>	<i>4/23/90</i>

9. Hydrostatic test 450 psi. Disk Differential test pressure 314 psi.

3-27-21

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Div. I., Edition 1986.

Addenda A86, Code Case No. NA, Date 3/2/20

Signed ITT Engineered Valves by [Signature]
(In Certificate Holder)

Our ASME Certificate of Authorization No. N2649 to use the N symbol expires 7-6-90

CERTIFICATION OF DESIGN

Design information on file at ITT Engineered Valves, Lancaster, PA 17603

Stress analysis report (Class F only) on file at NA

Design specifications certified by (1) David M. Bosi

PE State Washington Reg. No. 20941

Stress analysis certified by (1) NA

PE State NA Reg. No. NA

(1) Signature not required. List name only.

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam Boiler of Hartford, Connecticut have inspected the pump, or valve, Inspection & Insurance Co of 3-28 19 40 and state that to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3-28-90 1990
M. G. [Signature] (Inspector)
 Commissions NB4829 PA 1860
 (Nat'l Bd., State, Prov. and No.)

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*
As Required by the Provisions of the ASME Code, Section III, Div. 1

1. Manufactured by ITT Engineered Valves, Lancaster, Pennsylvania 17603
(Name and Address of N Certificate Holder)

2. Manufactured for Washington Public Power Supply System, Richland, WA
(Name and Address of Purchaser or Owner)

3. Location of Installation Nuclear Power Plant Number 2, Richland, WA
(Name and Address)

4. Pump or Valve valve Nominal Inlet Size 3" Outlet Size 3"
(inch) (inch)

	(a) Model No., Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l. Bd. No.	(g) Year Built
(1)	Lever Oper	89-58127-1-1	NA	SDC-113507 Rev B	2	WR7726	1990
(2)	Lever Oper	89-58127-1-2	NA	SDC-113507 Rev B	2	WR7727	1990
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

FDR-V-15, S/N 89-58127-1-1
EDR-V-18, S/N 89-58127-1-2
Richard E. Sump
4/23/90

5. - Nuclear Power Plant -
(Brief description of service for which equipment was designed)

6. Design Conditions 150 psi 212 °F or Valve Pressure Class NA (1)
(Pressure) (Temperature)

7. Cold Working Pressure 285 psi at 100°F.

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
89-58127-1-1 and 2 Bodies	ASME SA216	Post Precision Castings Inc	Grade WCB
89-58127-1-1 and 2 Covers	ASME SA216	Post Precision Castings Inc	Grade WCB
(b) Forgings			

(1) For manually operated valves only.

* Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8-1/2" x 11", (2) information in items 1, 2 and 5 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting			
89-58127-1-1 & 2			
Studs	ASME SA193	Jos Dyson & Sons	Grade B7
89-58127-1-1 & 2			
Nuts	ASME SA194	Jos Dyson & Sons	Grade 2H
89-58127-1-1 & 2			
Capscrews	ASME SA193	Jos Dyson & Sons	Grade B7
(d) Other Parts			
89-58127-1-1 & 2			
Balls	ASME SA479	Ballco Manufacturing Company	Type 316
FDR-V-15, S/N 89-58127-1-1			
EDR-V-18, S/N 89-58127-1-2			
Kendall Sup 5			

9. Hydrostatic test 450 psi. Disk Differential test pressure 314 psi. 4/23/90.

3-28-90

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Div. I., Edition 1986.

Addenda A86 (Date), Code Case No. NA Date 3/23/90

Signed ITT Engineered Valves by [Signature]
(N Certificate Holder)

Our ASME Certificate of Authorization No. N2649 to use the N symbol expires 7-6-90
(N) (Date)

CERTIFICATION OF DESIGN

Design information on file at ITT Engineered Valves, Lancaster, PA 17603

Stress analysis report (Class I only) on file at NA

Design specifications certified by (1) David M. Bost

PE State Washington Reg. No. 20941

Stress analysis certified by (1) NA

PE State NA Reg. No. NA

(1) Signature not required. List name only.

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Pennsylvania and employed by Hartford Steam Boiler of Hartford, Connecticut have inspected the pump, or valve, described in this Data Report on 3-28 19 90, and state that to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3-28-90 19 90 Commissions NB 4829 PA 1800
(Inspector) (Natl Bd., State, Prov. and No.)



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, WA
2. Plant: WPPSS Nuclear Power Plant (WNP)
Address: Hanford, Benton County, WA
3. (a) Work Performed by: Bechtel Construction, Inc, PO Box 600, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: C20069
4. Identification of System: Process Instrument (PI) System
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1974 Edition with Winter 1975 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 6/5/91
Sheet: 1 of 1
Unit: WNP-2

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
PI(1)-ST-(IR-61)-4	JCI	PI(1)-ST-(IR-61)-4	N/A	N/A	1983	Replacement	Yes, Code Class 2
PI(1)-ST-(IR-65)-4	JCI	PI(1)-ST-(IR-65)-4	N/A	N/A	1983	Replacement	Yes, Code Class 2

7. Description of Work: Replaced existing air supply tubing to air operators (AO) for new valves FDR-V-3 and FDR-V-4. The replacement work was performed as follows
- 1) Removed existing tubing material
 - 2) Installed new tubing material



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0550

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudolph Lupo

Signed by

[Signature]
Plant Technical Manager

Date

6/5/91

Date

6-5-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 4/24/90 to 6/10/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]

/Inspector's Signature

Commissions

95510 W NBI

National Board, State, and Endorsements

Date

6/10/91



FORM NIS-2, OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, WA

2. Plant: WPPSS Nuclear Power Plant (WNP)

Address: Hanford, Benton County, WA

3.(a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: WPPSS

4. Identification of System: Main Steam (MS) System

5. (a) Applicable Construction Code ASME Section III Code Class 1, 1971 Edition with no Addenda, Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980 Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
MS-RV-3A	Crosby Valve and Gage Co	N63790-00-0055	N/A	N/A	1980	Replacement	Yes, Code Class 1

7. Description of Work: Replaced disc insert and nozzle for main steam relief valve. The replacement work was performed as follows

1) Removed existing disc insert and nozzle from the valve

2) Installed new replacement disc insert and nozzle in the valve

3) Performed pressure test to confirm pressure boundary integrity. No evidence of leakage during pressure test



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0598

FORM NIS-2 (Back)

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☒ Other ☐

Test Pressure: 957/6.7 Psig

Test Temperature: 535/85.8 °F

Component Design Pressure: 1250/1195 Psig

Temperature: 575 °F

9. Remarks: None

- > Component design pressure 1250 PSIG, temperature 575 F for relief valve inlet piping and component design pressure 1195 PSIG, temperature 575 F for relief valve set pressure and rated temperature
- > Nominal operating pressure test on relief valve inlet flanged joint (Code Class 1) - test pressure 957 PSIG, test temperature 535 F
- > Pneumatic test on relief valve outlet flanged joint (Code Class 3), body to bonnet flanged joint (Code Class 1), nozzle ring and adjusting ring set screw joints (Code Class 1) - test pressure 6.7 PSIG, test temperature 85.8 F

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Dwight Smith

Signed by

[Signature]
Plant Technical Manager

Date

10/24/90

Date

10-25-90

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 5/10/90 to 10/25/90 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9556 LW
National Board, State, and Endorsements

Date

10/26/90



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, WA
2. Plant: WPPSS Nuclear Power Plant (WNP)
Address: Hanford, Benton County, WA
- 3.(a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: WPPSS
4. Identification of System: Low Pressure Core Spray (LPCS) System
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1973 Addenda, Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980 Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 11/12/90

Sheet: 1 of 1

Unit: WNP-2

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
LPCS(2)-1	WPPSS	LPCS(2)-1-P1	N/A	N/A	1983	Replacement	Yes, Code Class 2

7. Description of Work: Installed new replacement studs and nuts for LPCS-RV-31 inlet and outlet flanged joints



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0606

FORM NIS-2 (Back)

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Dulip Singh

Signed by

[Signature]
Plant Technical Manager

Date

11/12/90

Date

11-12-90

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 5/23/90 to 11/12/90 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9356 a
National Board, State, and Endorsements

Date

11/12/90



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, WA

Date: 3/12/91

Sheet: 1 of 1

Unit: WNP-2

2. Plant: WPPSS Nuclear Power Plant (WNP)

Address: Hanford, Benton County, WA

3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: WPPSS

4. Identification of System: High Pressure Core Spray (HPCS) System

5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Summer 1971 Addenda,
Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
HPCS-V-10 HPCS-V-11	Anchor Darling Anchor Darling	2N 239 2N 240	N/A N/A	N/A N/A	1974 1974	Replacement Replacement	Yes, Code Class 2 Yes, Code Class 2

7. Description of Work: Replaced body to bonnet nuts for valves HPCS-V-10 and HPCS-V-11. The replacement work was performed as follows:

- 1) Drilled holes in the replacement nuts
- 2) Removed existing nuts and replaced them with new replacement nuts with holes

> Note: Holes were drilled in the nuts to provide a method of capturing the valve body to bonnet nuts



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0616

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudolph Lopez

Signed by

[Signature]
Plant Technical Manager

Date

3/12/91

Date

3-12-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 9/13/90 to 3/12/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9556 W NBI
National Board, State, and Endorsements

Date

3/13/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, Washington
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)
4. Identification of System: High Pressure Core Spray (HPCS) System
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Summer 1971 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
HPCS-V-12	Anchor Darling	E5310-1-1	N/A	N/A	1974	Replacement	Yes, Code Class 2

7. Description of Work: Replaced body to bonnet nuts for valve HPCS-V-12. The replacement work was performed as follows:
- 1) Drilled holes in the replacement nuts
 - 2) Removed existing nuts and replaced them with new replacement nuts with holes
- > Note: Holes were drilled in the nuts to provide a method of capturing the valve body to bonnet nuts



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0817

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Rudolph Sump Signed by [Signature]

Plant Technical Manager

Date 10/7/91 Date 10-8-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 9/13/90 to 10/3/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 9556 W. NBI
Inspector's Signature National Board, State, and Endorsements

Date 10/9/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, WA

2. Plant: WPPSS Nuclear Power Plant (WNP)

Address: Hanford, Benton County, WA

3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: WPPSS

4. Identification of System: Low Pressure Core Spray (LPCS) System

5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Summer 1973 Addenda,
Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308

Date: 12/26/90

Sheet: 1 of 1

Unit: WNP-2

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
LPCS-FCV-11	Fisher Controls	6069708	2797	N/A	1977	Replacement	Yes, Code Class 2

7. Description of Work: Replaced body to bonnet nuts for valve LPCS-FCV-11. The replacement work was performed as follows:

1) Drilled holes in the replacement nuts

2) Removed existing nuts and replaced them with new replacement nuts with holes

> Note: Holes were drilled in the nuts to provide a method of capturing the valve body to bonnet nuts



FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudolph Smith

Signed by

[Signature]
Plant Technical Manager

Date

12/26/90

Date

12-26-90

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 9/13/90 to 1/2/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9556 W
National Board, State, and Endorsements

Date

1/2/91



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0619

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudolph E. Eisele

Signed by

[Signature]
Plant Technical Manager

Date

3/22/91

Date

3-29-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 9/13/90 to 3/26/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]

Inspector's Signature

Commissions

9556 W NBI

National Board, State, and Endorsements

Date

4/2/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, WA

Date: 3/22/91

Sheet: 1 of 1

2. Plant: WPPSS Nuclear Power Plant (WNP)

Address: Hanford, Benton County, WA

Unit: WNP-2

3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: WPPSS

4. Identification of System: Low Pressure Core Spray (LPCS) System

5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1972 Addenda,
Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
LPCS-V-12	Anchor Darling	2N 367	N/A	N/A	1975	Replacement	Yes, Code Class 2

7. Description of Work: Replaced body to bonnet nuts for valve LPCS-V-12. The replacement work was performed as follows:

- 1) Drilled holes in the replacement nuts
- 2) Removed existing nuts and replaced them with new replacement nuts with holes

> Note: Holes were drilled in the nuts to provide a method of capturing the valve body to bonnet nuts



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, WA
2. Plant: WPPSS Nuclear Power Plant (WNP)
Address: Hanford, Benton County, WA
3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: WPPSS
4. Identification of System: Residual Heat Removal (RHR) System
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Summer 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 2/15/90

Sheet: 1 of 1

Unit: WNP-2

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
RHR-FCV-64A	Fisher Controls	6069709	2915	N/A	1977	Replacement	Yes, Code Class 2
RHR-FCV-64B	Fisher Controls	6069710	2863	N/A	1977	Replacement	Yes, Code Class 2
RHR-FCV-64C	Fisher Controls	6069711	2864	N/A	1977	Replacement	Yes, Code Class 2

7. Description of Work: Replaced body to bonnet nuts for valves RHR-FCV-64A, RHR-FCV-64B and RHR-FCV-64C. The replacement work was performed as follows:

- 1) Drilled holes in the new replacement nuts
- 2) Removed existing nuts and replaced them with new replacement nuts with holes

-> Note: Holes were drilled in the nuts to provide a method of capturing the valve body to bonnet nuts



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0620

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudip Supb

Signed by

[Signature]

Plant Technical Manager

Date

2/15/91

Date

2-17-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 9/13/90 to 2/20/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9556 W NBI

National Board, State, and Endorsements

Date

2/20/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, WA

Date: 3/12/91

Sheet: 1 of 1

Unit: WNP-2

2. Plant: WPPSS Nuclear Power Plant (WNP)

Address: Hanford, Benton County, WA

3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: WPPSS

4. Identification of System: Residual Heat Removal (RHR) System

5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1972 Addenda,
Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
RHR-V-21	Anchor Darling	2N 402	N/A	N/A	1975	Replacement	Yes, Code Class 2

7. Description of Work: Replaced body to bonnet nuts for valve RHR-V-21. The replacement work was performed as follows:

- 1) Drilled holes in the replacement nuts
- 2) Removed existing nuts and replaced them with new replacement nuts with holes

> Note: Holes were drilled in the nuts to provide a method of capturing the valve body to bonnet nuts



FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Dwight Snips

Signed by

[Signature]
Plant Technical Manager

Date

3/12/91

Date

3-12-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 9/13/91 to 3/12/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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[Signature]
Inspector's Signature

Commissions

9556 W NBI

National Board, State, and Endorsements

Date

3/13/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, WA

2. Plant: WPPSS Nuclear Power Plant (WNP)

Address: Hanford, Benton County, WA

Date: 11/12/90

Sheet: 1 of 1

Unit: WNP-2

3.(a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: WPPSS

4. Identification of System: Control Room Chiller CCH-CR-1A

5. (a) Applicable Construction Code ASME Section III Code Class 3, 1974 Edition with Winter 1975 Addenda, Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980 Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
CCH-CR-1A	York Division	02510	55256	N/A	1980	Repaired	Yes, Code Class 3

7. Description of Work: Plugged tubes in cooler (evaporator) side of CCH-CR-1A. Both ends (straight through tube design) of each tube was plugged as follows

- 1) Machined tube plugs
- 2) Counter bored both ends of each tube (tube sheet)
- 3) Installed tube plugs in the tube sheet counter bored holes
- 4) Plug welded the tube plugs to the tube sheet



FORM NIS-2 (Back)

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Psig: _____ Test Temperature: °F _____
Component Design Pressure: Psig _____ Temperature: °F _____

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudolph Smith

Signed by

[Signature]
Plant Technical Manager

Date

11/12/90

Date

11-12-90

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 9/13/90 to 11/12/90 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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[Signature]
Inspector's Signature

Commissions

9556 W

National Board, State, and Endorsements

Date

11/12/90



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, WA

2. Plant: WPPSS Nuclear Power Plant (WNP)

Address: Hanford, Benton County, WA

3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: WPPSS

4. Identification of System: Residual Heat Removal (RHR) System

5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1972 Addenda,
Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
RHR-V-40	Anchor Darling	2N 383	N/A	N/A	1975	Replacement	Yes, Code Class 2

7. Description of Work: Replaced body to bonnet nuts for valve RHR-V-40. The replacement work was performed as follows:

1) Drilled holes in the replacement nuts

2) Removed existing nuts and replaced them with new replacement nuts with holes

> Note: Holes were drilled in the nuts to provide a method of capturing the valve body to bonnet nuts



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0630

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudip Suijs

Signed by

[Signature]
Plant Technical Manager

Date

4/1/91

Date

4-2-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 9/13/90 to 4/2/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]

Inspector's Signature

Commissions

9556 W NBI

National Board, State, and Endorsements

Date

4/3/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, WA

Date: 3/22/91

Sheet: 1 of 1

Unit: WNP-2

2. Plant: WPPSS Nuclear Power Plant (WNP)

Address: Hanford, Benton County, WA

3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: WPPSS

4. Identification of System: Service Water (SW) System

5. (a) Applicable Construction Code ASME Section III Code Class 3, 1971 Edition with Summer 1973 Addenda,
Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
SW-V-12A SW-V-12B	Velan Velan	77G534 77G536	N/A N/A	N/A N/A	1977 1977	Replacement Replacement	Yes, Code Class 3 Yes, Code Class 3

7. Description of Work: Replaced body to bonnet nuts for valves SW-V-12A and SW-V-12B. The replacement work was performed as follows:

- 1) Drilled holes in the replacement nuts
- 2) Removed existing nuts and replaced them with new replacement nuts with holes

> Note: Holes were drilled in the nuts to provide a method of captivating the valve body to bonnet nuts



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0632

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Dwain S. Smith

Signed by

[Signature]

Plant Technical Manager

Date

3/22/91

Date

3-29-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 9/13/90 to 3/25/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]

Inspector's Signature

Commissions

9556 W NBI

National Board, State, and Endorsements

Date

4/2/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, WA

Date: 2/14/91

Sheet: 1 of 1

Unit: WNP-2

2. Plant: WPPSS Nuclear Power Plant (WNP)

Address: Hanford, Benton County, WA

3. (a) Work Performed by: Bechtel Construction, Inc, PO Box 600, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: C20069

4. Identification of System: Service Water (SW) System

5. (a) Applicable Construction Code ASME Section III Code Class 3, 1971 Edition with Winter 1973 Addenda,
Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
SW(21)-2	WPPSS	SW(21)-2-P1	N/A	N/A	1983	Replacement	Yes, Code Class 3

7. Description of Work: Installed level indicator for chilled surge piping to CCH-P-1A. The work was performed as follows

- 1) Cut and removed sections of existing piping
- 2) Installed new replacement piping and fitting material
- 3) Made required socket welds and circumferential butt welds
- 4) Installed support material
- 5) Performed hydrostatic test on circumferential butt welds to confirm pressure boundary integrity. No evidence of leakage during hydrostatic test
- 6) Performed normal operating pressure test on flanged joint to confirm pressure boundary integrity. No evidence of leakage during pressure test



FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐

Test Pressure: 112 Psig

Test Temperature: 74.3 °F

Component Design Pressure: 100 Psig

Temperature: 100 °F

9. Remarks: 1) Hydrostatic test pressure of 112 Psig and test temperature of 74.3 F. 2) Nominal operating test pressure of 59 Psig and test temperature of 48 F

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudolph Sump

Signed by

[Signature]

Plant Technical Manager

Date

2/14/91

Date

2-15-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 10/19/90 to 2/14/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]

Inspector's Signature

Commissions

9556W

NBI

National Board, State, and Endorsements

Date

2/15/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, Washington
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Bechtel Construction, Incorporation, PO Box 600, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: C20069
4. Identification of System: Service Water (SW) System
5. (a) Applicable Construction Code ASME Section III Code Class 3, 1971 Edition with Winter 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 11/6/91
Sheet: 1 of 1
Unit: WNP-2

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
SW(22)-2	WPPSS	SW(22)-2-P1	N/A	N/A	1983	Replacement	Yes, Code Class 3

7. Description of Work: Installed level indicator for chilled surge piping to CCH-P-1B. The work was performed as follows
- 1) Cut and removed sections of existing piping
 - 2) Installed new replacement piping and fitting material
 - 3) Made required socket welds and circumferential butt welds
 - 4) Installed support material
 - 5) Performed hydrostatic test on circumferential butt welds to confirm pressure boundary integrity. No evidence of leakage during hydrostatic test
 - 6) Performed normal operating pressure test on flanged joint to confirm pressure boundary integrity. No evidence of leakage during pressure test



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0634

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐

Test Pressure: 112 Psig Test Temperature: 79° F

Component Design Pressure: 100 Psig Temperature: 100° F

9. Remarks: 1) Hydrostatic test pressure of 112 Psig and test temperature of 79 F. 2) Nominal operating test pressure of 15 Psig and test temperature of 60 F

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Dulacq Supb Signed by [Signature]

Plant Technical Manager

Date 11/6/91 Date 11-6-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 10/19/90 to 11/8/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 9556 W NBI
Inspector's Signature National Board, State, and Endorsements

Date 11/8/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, WA

2. Plant: WPPSS Nuclear Power Plant (WNP)

Address: Hanford, Benton County, WA

Date: 10/24/90

Sheet: 1 of 1

Unit: WNP-2

3.(a) Work Performed by: Bechtel Construction Inc., P O Box 600, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: C20069

4. Identification of System: Reactor Water Cleanup (RWCU) System

5. (a) Applicable Construction Code ASME Section III Code Class 3, 1971 Edition with Winter 1973 Addenda, Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980 Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
RWCU(1)-4	WPPSS	RWCU(1)-4-P2	N/A	N/A	1983	Repair	Yes, Code Class 3

7. Description of Work: Seal welded pipe plug to flange threaded joint for RWCU-FE-N040



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0635

FORM NIS-2 (Back)

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Dwain L. Smith

Signed by

[Signature]
Plant Technical Manager

Date

10/24/90

Date

10-25-90

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 9/27/90 to 11/12/90 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]

Inspector's Signature

Commissions

9556 W
National Board, State, and Endorsements

Date

11/12/90



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0636

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, WA

2. Plant: WPPSS Nuclear Power Plant (WNP)

Address: Hanford, Benton County, WA

3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: WPPSS

4. Identification of System: Service Water (SW) System

5. (a) Applicable Construction Code ASME Section III Code Class 3, 1971 Edition with Winter 1973 Addenda,
Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308

Date: 1/9/91

Sheet: 1 of 1

Unit: WNP-2

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
SW(1)-2	WPPSS	SW(1)-2-P1	N/A	N/A	1983	Repair	Yes, Code Class 3

7. Description of Work: Reinstalled drain connection with valve SW-V-834A for CCH-CR-1A. The work was performed as follows

- 1) Cut and removed existing pipe piece
- 2) Installed new replacement pipe piece
- 3) Made required socket weld
- 4) Installed the drain connection on CCH-CR-1A



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0636

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Quincy Lewis

Signed by

[Signature]
Plant Technical Manager

Date

1/10/91

Date

1-10-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 11/5/90 to 11/14/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9552 W NBI

National Board, State, and Endorsements: 10 1254 10 1254

Date

1/14/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, WA

Date: 6/13/91

Sheet: 1 of 1

2. Plant: WPPSS Nuclear Power Plant (WNP)

Address: Hanford, Benton County, WA

Unit: WNP-2

3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: WPPSS

4. Identification of System: Diesel Cooling Water (DCW) System

5. (a) Applicable Construction Code ASME Section III Code Class 3, 1974 Edition with Winter 1974 Addenda,
Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
DCW-HX-1B1	ASHT	8-20004-02-2	29368	N/A	1976	Repaired	Yes, Code Class 3

7. Description of Work: Weld repaired (weld build up) corroded areas on the channel cover plate and the divider plate sealing area interface. The repair work was performed as follows

- 1) Weld repaired (weld build up) corroded areas
- 2) Blended the weld repaired areas
- 3) Performed MT examination on the blended areas. MT examination results acceptable
- 4) Performed pressure test to confirm pressure boundary integrity. No evidence of leakage during the pressure test

ASHT - American Standard Heat Transfer Division



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0637

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐

Test Pressure: 220 Psig

Test Temperature: 53 °F

Component Design Pressure: 300 Psig

Temperature: 300 °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Rudolph L. Smith Signed by [Signature]

Plant Technical Manager

Date 6/26/91 Date 6-27-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 11/28/90 to 6/18/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 9556 W NBI
Inspector's Signature National Board, State, and Endorsements

Date 6/27/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, WA .

2. Plant: WPPSS Nuclear Power Plant (WNP)

Address: Hanford, Benton County, WA

3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: WPPSS

4. Identification of System: Diesel Cooling Water (DCW) System

5. (a) Applicable Construction Code ASME Section III Code Class 3, 1974 Edition with Winter 1974 Addenda,
Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
DCW-HX-1B2	ASHT	8-20004-01-2	29366	N/A	1976	Repaired	Yes, Code Class 3

7. Description of Work: Weld repaired (weld build up) corroded areas on the channel cover plate and the divider plate sealing area interface. The repair work was performed as follows

1) Weld repaired (weld build up) corroded areas

2) Blended the weld repaired areas

3) Performed MT examination on the blended areas. MT examination results acceptable

4) Performed pressure test to confirm pressure boundary integrity. No evidence of leakage during the pressure test

ASHT - American Standard Heat Transfer Division



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0638

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐

Test Pressure: 220 Psig

Test Temperature: 53 °F

Component Design Pressure: 300 Psig

Temperature: 300 °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudip Singh

Signed by

[Signature]

Plant Technical Manager

Date

6/26/91

Date

6-27-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 11/28/91 to 6/18/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]

Inspector's Signature

Commissions

9556 W NBI

National Board, State, and Endorsements

Date

6/27/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, WA

Date: 12/10/90

Sheet: 1 of 1

Unit: WNP-2

2. Plant: WPPSS Nuclear Power Plant (WNP)

Address: Hanford, Benton County, WA

3.(a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: WPPSS

4. Identification of System: High Pressure Core Spray (HPCS) System

5.(a) Applicable Construction Code ASME Section III Code Class 1, 1971 Edition with Winter 1973 Addenda, Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980 Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
HPCS(1)-4CL1	WPPSS	HPCS(1)-4CL1	N/A	N/A	1982	Replacement	Yes, Code Class 1

7. Description of Work: Replaced pipe piece between valve HPCS-V-21 and the sockolet. The replacement work was performed as follows

- 1) Ground/cut socket welds at the valve the sockolet
- 2) Prepped socket ends of the valve and the sockolet
- 3) Performed MT examination on the prepped socket ends, MT examination results acceptable
- 4) Installed new replacement pipe piece and made required socket welds
- 5) Performed PT examination on the final socket ends. PT examination results acceptable



FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Curtis Eupb

Signed by

[Signature]
Plant Technical Manager

Date

12/11/90

Date

12-12-90

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 11/2/90 to 12/12/90 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]

Inspector's Signature

Commissions

9556 W
National Board, State, and Endorsements

Date

12/12/90



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0640

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, WA

Date: 1/29/91

Sheet: 1 of 1

Unit: WNP-2

2. Plant: WPPSS Nuclear Power Plant (WNP)

Address: Hanford, Benton County, WA

3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: WPPSS

4. Identification of System: Control Room Chiller

5. (a) Applicable Construction Code ASME Section III Code Class 3, 1974 Edition with Winter 1975 Addenda,
Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
CCH-CR-1A	York	2510	55256	N/A	1980	Repaired	Yes, Code Class 3

7. Description of Work: Cut and rewelded socket weld in hot bypass line to CCH-CR-1A to allow tightening of valve to float chamber.

The work was performed as follows

- 1) Cut pipe to elbow socket weld
- 2) Reinstalled pipe and elbow
- 3) Made required socket weld



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0640

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Quddip Sripb.

Signed by

[Signature]
Plant Technical Manager

Date

1/29/91

Date

2-7-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 11/9/90 to 1/29/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9556 W. NBI

National Board, State, and Endorsements

Date

2/7/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, WA

Date: 5/29/91

Sheet: 1 of 1

Unit: WNP-2

2. Plant: WPPSS Nuclear Power Plant (WNP)

Address: Hanford, Benton County, WA

3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: WPPSS

4. Identification of System: High Pressure Core Spray (HPCS) System

5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1973 Addenda,
Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
HPCS(3)-1	WPPSS	HPCS(3)-1	N/A	N/A	1983	Repair/Replacement	Yes, Code Class 2

7. Description of Work: Drain connection with valve HPCS-V-36 was repaired (modified). The work was performed as follows

- 1) Beveled existing socket end for butt welding
- 2) Beveled new replacement valve socket end for butt welding
- 3) Performed PT examination on the beveled ends. PT examination results acceptable
- 4) Installed new replacement pipe and new replacement valve
- 5) Made required socket weld and circumferential butt weld
- 6) Performed PT examination on the final socket weld and RT examination on the final circumferential butt weld. PT and RT examination results acceptable
- 7) Installed new replacement pipe cap



FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: See attached NPV-1 Code Data Report for new replacement valve HPCS-V-38, Serial No 28735

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair/replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Dudip Gupta

Signed by

[Signature]
Plant Technical Manager

Date

5/29/91

Date

5-29-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 11-20-90 to 6-5-91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

955611 NBI

National Board, State, and Endorsements

Date

6/5/91

N/A

(d) **Other Parts**

N/A

8. Hydrostatic test 5400 psi.

CERTIFICATION OF DESIGN

Design information on file at NVD of Borg Warner, 7500 Tyrone Ave., Van Nuys, Ca. 91409
 Stress analysis report on file at NVD of Borg Warner, 7500 Tyrone Ave., Van Nuys, CA 91409
 Design specifications certified by David J. Murphy (1) Prof. Eng. State Wash. Reg. No. 12542
 Stress analysis report certified by William E. Hill (1) Prof. Eng. State CA Reg. No. 11338
 (1) Signature not required. List name only.

We certify that the statements made in this report are correct.

Nuclear Valve Division

Date March 16 19 78 . Signed of Borg Warner . By [Signature]
(Manufacturer)

Certificate of Authorization No. N-1254 expires October 27, 1978.

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of Province of California and employed by Lumbermen's Mutual Casualty of Long Grove, Illinois have inspected the equipment described in this Data Report on March 16 19 78, and state that to the best of my knowledge and belief, the Manufacturer has constructed this equipment in accordance with the applicable Subsections of ASME Code, Section III.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date March 16 1978

Manuel B. Diana, Inspector

Commissions

CA 1275

(National Board, State, Province and No.)



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS) Date: 5/29/91
Address: 3000 George Washington Way, Richland, WA Sheet: 1 of 1
2. Plant: WPPSS Nuclear Power Plant (WNP) Unit: WNP-2
Address: Hanford, Benton County, WA
3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: WPPSS
4. Identification of System: High Pressure Core Spray (HPCS) System
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
HPCS(3)-1	WPPSS	HPCS(3)-1	N/A	N/A	1983	Repair	Yes, Code Class 2

7. **Description of Work:** Vent connection with valve HPCS-V-78 was repaired (modified). The work was performed as follows
- 1) Beveled existing sockolet socket end for butt welding
 - 2) Beveled existing valve socket end for butt welding
 - 3) Performed PT examination on the beveled ends. PT examination results acceptable
 - 4) Installed vent connection assembly
 - 5) Made required circumferential butt weld
 - 6) Performed RT examination on the final circumferential butt weld. RT examination results acceptable.



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0642

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudolph Lips

Signed by

[Signature]

Plant Technical Manager

Date

5/29/91

Date

5-29-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 11-20-90 to 6-5-91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9556 W NBI

National Board, State, and Endorsements

Date

6/5/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, Washington
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)
4. Identification of System: Instrument Tubing
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1974 Edition with Winter 1975 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
D-220-15.0-PED-I-0563 [PI(1)-ST-IR-84-1]	JCI	D-220-15.0-PED-I-0563 [PI(1)-ST-IR-84-1]	N/A	N/A	1983	Replacement	Yes, Code Class 2

7. Description of Work: Replaced existing valve IR-84-V-1C. The replacement work was performed as follows
- 1) Cut socket welds associated with the existing valve
 - 2) Installed new valve and made required socket welds
 - 3) Performed PT examination on the final socket welds, PT examination results acceptable



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0643

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: See attached NPV-1 Code Data Report for valve IR-84-V-1C, Serial No PB 1087

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Onaip Singh Signed by J. L. Scanlon
Date 11/14/91 Date 11-14-91
Plant Technical Manager

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 11/15/90 to 11/15/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Don Hoggarth Commissions 9556W NBI
Inspector's Signature National Board, State, and Endorsements

Date 11/19/91

PLAN NO. 2-0643

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*

As Required by the Provisions of the ASME Code, Section III, Div. 1

David Sup
11/13/91

1. Manufactured by Dragon Valves, Inc., 13457 Excelsior Dr., Norwalk, CA. 90650
(Name and Address of N Certificate Holder)
2. Manufactured for Washington Public Power Supply System, P.O. Box 968, Richland, WA. 99352-0968
(Name and Address of Purchaser or Owner)
3. Location of Installation WNP-2 Site, Richland, WA. 99352
(Name and Address)
4. Pump or Valve Valve Nominal Inlet Size 1/2 (inch) Outlet Size 1/2 (inch)

	(a) Model No. Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Mark Ed. No.	(g) Year Built
(1)	7N058SWD	PB1087	N/A	10580	2	N/A	1985
(2)		thru		Rev. B			
(3)		PB1094					
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

5. Instrument Valves (8 Pcs.)
(Brief description of service for which equipment was designed)

6. Design Conditions 3600 psi 100 °F or Valve Pressure Class 100 (1)
(Pressure) (Temperature)
7. Cold Working Pressure 3600 psi at 100°F.
8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings N/A			
(b) Forgings			
HT 1G4836	ASME SA182 GR.F316	Ajax Forge Co.	Body
HT A19167	ASME SA182 GR.F316	Ajax Forge Co.	Yoke

(1) For manually operated valves only.

* Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8-1/2" x 11", (2) information in items 1, 2 and 5 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets

1 2 3 3 2 2 2

9. Hydraulic test 5400 Psi. Disk Differential test pressure 3600 Psi.

We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components. Section III, Div. 1, Edition 1974

Signed DRAGON VALVES, INC. by *[Signature]*
(In Certificate Holders)

Our ASME Certificate of Authorization No. N-1033 to use the N symbol expires 5-6-87
(or) (Date)

Design information on file at Washington Public Power Supply System (See Line 2)
Stress analysis report (Class 1 only) on file at N/A

PE Slno _____ Reg. No. _____

(1) Signature not required. List name only.

1. the undersigned, 'holding' a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of CALIFORNIA and employed by DCSH

of CALIFORNIA have inspected the pump, or valve, described in this Data Report on
of 6-14 1985, and state that to the best of my knowledge and belief, the N Certificate Holder has con-
structed this pump, or valve, in accordance with the ASME Code, Section III

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 6-14 19 85
CH Commissions CH 1234



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, WA
2. Plant: WPPSS Nuclear Power Plant (WNP)
Address: Hanford, Benton County, WA
3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: WPPSS
4. Identification of System: Reactor Core Isolation Cooling (RCIC) System
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1973 Addenda, Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980 Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
RCIC(16)-1	WPPSS	RCIC(16)-1-P1	N/A	N/A	1983	Repair	Yes, Code Class 2

7. Description of Work: Increased pipe to valve RCIC-V-84 socket weld size from 1/8" to 1/4". Performed PT examination on the final weld. PT examination results acceptable



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0644

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudolph E. Euph

Signed by

[Signature]
Plant Technical Manager

Date

12/11/90

Date

12-12-90

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 11/8/90 to 12/12/90 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9536 W
National Board, State, and Endorsements

Date

12/12/90



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, WA
2. Plant: WPPSS Nuclear Power Plant (WNP)
Address: Hanford, Benton County, WA
3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: WPPSS
4. Identification of System: Suppression Chamber Access Hatch X-51
5. (a) Applicable Construction Code ASME Section III Code Class MC, 1971 Edition with Summer 1972 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 1/9/91
Sheet: 1 of 1
Unit: WNP-2

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
X-51	Tube Turns	BY 25	N/A	N/A	1975	Replacement	Yes, Code Class MC

7. Description of Work: Replaced upper and lower nipples for pressure warning device on Suppression Chamber Access Hatch, Containment Penetration X-51. The replacement work was performed as follows
- 1) Machined two (2) new replacement nipples
 - 2) Performed PT examination on the machined surfaces of both the nipples. PT examination results acceptable
 - 3) Prepped the upper and lower cavity areas on the hatch for welding of new replacement nipples
 - 4) Performed PT examination on the prepped areas. PT examination results acceptable
 - 5) Installed both the nipples on the hatch and made required welds
 - 6) Performed PT examination on the final welds. PT examination results acceptable



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0645

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudolph Eupb

Signed by

[Signature]
Plant Technical Manager

Date

1/10/91

Date

1-10-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 11/9/90 to 11/14/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]

Inspector's Signature

Commissions

9556 W NBI

National Board, State, and Endorsements

Date

1/14/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, WA
2. Plant: WPPSS Nuclear Power Plant (WNP)
Address: Hanford, Benton County, WA
3. (a) Work Performed by: Bechtel Construction, Inc, PO Box 600, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: C20069
4. Identification of System: Service Water (SW) System
5. (a) Applicable Construction Code ASME Section III Code Class 3, 1974 Edition with Winter 1976 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 6/5/91

Sheet: 1 of 1

Unit: WNP-2

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
SW(21)-2-1 SW(22)-2-1	BF Shaw BF Shaw	SW(21)-2-1 SW(22)-2-1	N/A N/A	N/A N/A	1978 1978	Replacement Replacement	Yes, Code Class 3 Yes, Code Class 3

7. Description of Work: Fabricated removable cross tie spool piece and installed new valve SW-V-933A. The replacement work was performed as follows

- 1) Assembled new piping and flange material
- 2) Made required circumferential butt welds
- 3) Performed MT examination on the final circumferential butt welds. MT examination results acceptable
- 4) Performed hydrostatic test on circumferential butt welds to confirm pressure boundary integrity. No evidence of leakage during hydrostatic test
- 5) Stored removable cross tie spool piece for future use
- 6) Installed new valve SW-V-933A and the bolting material
- 7) Performed normal operating pressure test on flanged joints to confirm pressure boundary integrity. No evidence of leakage during pressure test



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0650

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐

Test Pressure: 357/210 Psig

Test Temperature: 71/69.2 °F

Component Design Pressure: 300 Psig

Temperature: 150 °F

9. Remarks: See attached NPV-1 Code Data Report for valve SW-V-933A, Serial No 51939-1A

1) Hydrostatic test pressure of 357 Psig and test temperature of 71 F, 2) Nominal operating test pressure of 210 Psig and test temperature of 69.2 F for flange to valve SW-V-933A joint, 3) Nominal operating test pressure of 210 Psig and test temperature of 69.2 F for valve SW-V-933A to blind flange joint

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Ronald E. Eupb

Signed by

[Signature]
Plant Technical Manager

Date

6/5/91

Date

6-5-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 1/18/91 to 6/6/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9556 W NBI

National Board, State, and Endorsements

Date

6/10/91

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR CLEAR PUMPS OR VALVES
As Required by the Provisions of the ASME Code, Section III, Div. 1

1. Manufactured by Fisher Controls Int., Inc. Rts. 49 & US 95 North Stonington, CT
(Name and Address of N Certificate Holder)

2. Manufactured for Washington Public Power Supply System Richland, WA
(Name and Address of Purchaser or Owner)

3. Location of Installation WPPSS WNP-2 Richland, WA
(Name and Address)

4. Pump or Valve Valve. Nominal Inlet Size 18" Outlet Size 18"
(inch) (inch)

	(a) Model No. Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l. Bd. No.	(g) Year Built
(1)	A21	51939-1A	N/A	51939-01	J	N/A	1991
(2)				Rev. E			
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

SW-V-933A, S/N 51939-1A.

Dudley Smith
6/4/91

5. Pond Water Return
(Brief description of service for which equipment was designed)

6. Design Conditions 309 (Pressure) psi 150 (Temperature) °F or Valve Pressure Class 300 (1)
7. Cold Working Pressure 740 psi at 100°F.

8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings AM 124	SA 351 GR CF8M	Hollasten, Alloys Inc.	Disc
(b) Forgings None			

A rectangular stamp containing the text "VERIFIED & ACCEPTED" at the top, followed by a handwritten signature. Below the signature is the word "RECORDED". At the bottom, it says "LEVEL II DATE 4-27-91".

Item 13

(1) For manually operated valves only.

* Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8-1/2" x 11", (2) information in items 1, 2 and 5 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

[illegible]

Commissions CT1119 / 1290912
(Nat'l Bd., State, Prov. and No.)



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, WA

2. Plant: WPPSS Nuclear Power Plant (WNP)

Address: Hanford, Benton County, WA

3. (a) Work Performed by: Bechtel Construction, Inc, PO Box 600, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: C20069

4. Identification of System: Service Water (SW) System

5. (a) Applicable Construction Code ASME Section III Code Class 3, 1974 Edition with Winter 1978 Addenda,

Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980

Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
SW(21)-2-1 SW(22)-2-1	BF Shaw BF Shaw	SW(21)-2-1 SW(22)-2-1	N/A N/A	N/A N/A	1978 1978	Replacement Replacement	Yes, Code Class 3 Yes, Code Class 3

7. Description of Work: Installed new valve SW-V-933A. The replacement work was performed as follows

1) Installed new valve SW-V-933B and the bolting material

2) Performed normal operating pressure test on flanged joints to confirm pressure boundary integrity. No evidence of leakage during pressure test



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0651

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐

Test Pressure: 224/200 Psig

Test Temperature: 63/57 °F

Component Design Pressure: 300 Psig

Temperature: 150 °F

9. Remarks: See attached NPV-1 Code Data Report for valve SW-V-933B, Serial No 51939-1B

1) Nominal operating test pressure of 224 Psig and test temperature of 63 F for flange to valve SW-V-933B joint, 2) Nominal operating test pressure of 200 Psig and test temperature of 57 F for valve SW-V-933B to blind flange joint

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudolph S. S. S.

Signed by

[Signature]
Plant Technical Manager

Date

6/5/91

Date

6-5-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 1/18/91 to 6/10/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9556 W NBI

National Board, State, and Endorsements

Date

6/10/91

FORM NPV-1 N CERT STATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES
As Required by the Provisions of the ASME Code, Section III, Div. 1

1. Manufactured by Fisher Controls Int, Inc. Rts. 49 & US 95 North Stonington, CT
(Name and Address of N Certificate Holder)
2. Manufactured for Washington Public Power Supply System Richland, WA
(Name and Address of Purchaser or Owner)
3. Location of Installation WPPSS WNP-2 Richland, WA
(Name and Address)
4. Pump or Valve Valve Nominal Inlet Size 18" Outlet Size 18"

(a) Model No., Series No. or Type	(b) N Certificate Holder's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l. Bd. No.	(g) Year Built
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	A21	51939-1 ^B	N/A	51939-01	J	N/A	1991
(1)				Rev. E			
(2)							
(3)							
(4)							
(5)				SW-V-9338, S/N 51939-1B			
(6)				Buildup Exp			
(7)				6/4/91			
(8)							
(9)							
(10)							

5. Pond Water Return
(Brief description of service for which equipment was designed)

6. Design Conditions 309 psi 150 °F or Valve Pressure Class 300 (1)

7. Cold Working Pressure 740 psi at 100°F.

3. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings AM 723	SA 351 GR CF8M	Wollasten, Alloys Inc.	Disc
(b) Forgings None			

VERIFIED & ACCEPTED *[Signature]*
 REGINSPECTOR
 LEVEL II DATE 11-3-71

For manually operated valves only.

* Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8-1/2" x 11", (2) information in items 1, 2 and 5 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

Item 13

9. Hydrostatic test 1125 psi. Disk Differential test pressure 815 psi.

We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Div. I, Edition 1986.
Addenda 1987 (Date), Code Case No. N/A, Date 3/22/91.
Signed Fisher Controls Int., Inc. by Robert D. Dancy (N Certificate Holder).
Our ASME Certificate of Authorization No. N-1846 to use the N (N) symbol expires 9/2/92 (Date).

Design information on file at Fisher Controls Int., Inc. North Stonington, CT
Stress analysis report (Class Forty) on file at N/A

Design specifications certified by (1) Jack R. Cole

PE State WA Reg. No. 20653

Stress analysis certified by (1) N/A

PE State _____ Reg. No. _____

(1) Signature not required. List name only.

VERIFIED & ACCEPTED *Russell P. [Signature]*
REG. INSPECTOR
LEVEL II DATE 4-3-91

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of CT and employed by HSP I & I of Hartford have inspected the pump, or valve, described in this Data Report on 2-22 19 91, and state that to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3-22 19 91

Commissions CT1119 / NR 9091M
(Nat'l Bd., State, Prov. and No.)



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, Washington
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Bechtel Construction, Inc., PO Box 600, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: C20069
4. Identification of System: Main Steam (MS) System
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 8/22/91

Sheet: 1 of 1

Unit: WNP-2

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
MS-TK-4A	Jet Air	N102	N/A	N/A	1980	Replacement	Yes, Code Class 2
MS-TK-4B	Jet Air	N103	N/A	N/A	1980	Replacement	Yes, Code Class 2
MS-TK-4C	Jet Air	N104	N/A	N/A	1980	Replacement	Yes, Code Class 2
MS-TK-4D	Jet Air	N105	N/A	N/A	1980	Replacement	Yes, Code Class 2
MS-TK-4E	Jet Air	N106	N/A	N/A	1980	Replacement	Yes, Code Class 2
MS-TK-4F	Jet Air	N107	N/A	N/A	1980	Replacement	Yes, Code Class 2
MS-TK-4G	Jet Air	N108	N/A	N/A	1980	Replacement	Yes, Code Class 2
MS-TK-4H	Jet Air	N109	N/A	N/A	1980	Replacement	Yes, Code Class 2
MS-TK-4J	Jet Air	N110	N/A	N/A	1980	Replacement	Yes, Code Class 2
MS-TK-4K	Jet Air	N111	N/A	N/A	1980	Replacement	Yes, Code Class 2
MS-TK-4L	Jet Air	N112	N/A	N/A	1980	Replacement	Yes, Code Class 2
MS-TK-4M	Jet Air	N113	N/A	N/A	1980	Replacement	Yes, Code Class 2
MS-TK-4N	Jet Air	N114	N/A	N/A	1980	Replacement	Yes, Code Class 2
MS-TK-4P	Jet Air	N115	N/A	N/A	1980	Replacement	Yes, Code Class 2
MS-TK-4R	Jet Air	N116	N/A	N/A	1980	Replacement	Yes, Code Class 2
MS-TK-4S	Jet Air	N117	N/A	N/A	1980	Replacement	Yes, Code Class 2
MS-TK-4U	Jet Air	N118	N/A	N/A	1980	Replacement	Yes, Code Class 2
MS-TK-4V	Jet Air	N119	N/A	N/A	1980	Replacement	Yes, Code Class 2

7. Description of Work: Installed test connections on main steam relief valve accumulators (MS-TK). The installation work was performed as follows

- 1) Installed new pipe and fitting material
- 2) Installed new valves
- 3) Made required welds
- 4) Performed PT examinations on the final welds. PT examination results acceptable
- 5) Performed pressure test to confirm pressure boundary integrity. No evidence of leakage during pressure test



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0652

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐

Test Pressure: 152*/155 Psig

Test Temperature: 78.8*/87 °F

Component Design Pressure: 300 Psig

Temperature: 340 °F

* For MS-TK-4H

9. Remarks: See attached NPV-1 Code Data Reports for the following new valves

EPN No	Serial No	EPN No	Serial No	EPN No	Serial No
CIA-V-752	PB1140	CIA-V-761	PB1131	CIA-V-763	PB1143
CIA-V-751	PB1141	CIA-V-748	PB1130	CIA-V-759	GP1205
CIA-V-757	PB1127	CIA-V-754	PB1132	CIA-V-747	GP1231
CIA-V-760	PB1135	CIA-V-755	PB1128	CIA-V-750	GP1250
CIA-V-753	PB1137	CIA-V-756	PB1138	CIA-V-746	GP1219
CIA-V-749	PB1133	CIA-V-762	PB1142	CIA-V-758	GP1253

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudolph Swartz

Signed by

[Signature]

Plant Technical Manager

Date

8/28/91

Date

8-28-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 3/15/91 to 8/23/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]

Inspector's Signature

Commissions

9556 W NBI

National Board, State, and Endorsements

Date

8/28/91

1. Manufactured by Dragon Valves, 13457 Excelsior Dr., Norwalk, CA. 90650
(Name and Address of Manufacturer)

2. Manufactured for Wash. Public Pwr. Sup. Systems, P. O. Box 968, Richland WA. 99352
(Name and Address of Purchaser or Owner)

3. Location of Installation WNP-2 North Power Plant Loop, Richland, WA. 99352
(Name and Address)

4. Pump or Valve Valve . Nominal Inlet Size 1/2 Outlet Size 1/2
(inch) (inch)

(a) Model No., (b) N Certificate Holder's (c) Canadian

Series No.
or Type

**Serial
No.**

**Registration
No.**

(d) Drawing
No.

(e) Class

(f) Nat'l.
8d. No.

(g) Year
Built

(1)	7N057SW7D	PB1126	N/A	13828	1	N/A	1990
(2)		Thru		Rev. N/C			
(3)		PB1143					
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

5. Globe Valve (18 Pcs.)
(Brief description of service for which equipment was designed)

6. Design Conditions 3600 psi 100 °F or Valve Pressure Class _____ (1)

7. Cold Working Pressure 3600 psi at 100°F.

8. Pressure Retaining Pieces

[illegible]

(1) For manually operated valves only.

* Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 9-1/2" x 11", (2) information in items 1, 2 and 5 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

(10/77)

This form (FC0017) may be obtained from the Order Dept. ASAC 745 E. 17th St. New York, N.Y. 10011

VERIFIED & ACCEPTED DB
REC. INSPECTION
LEVEL II DATE 10-11-90

PLAN NO. 2-0652
Quaid Corp
8/22/91
2 of 2

FORM NPV-1 MANUFACTURERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*

As Required by the Provisions of the ASME Code Rules

1. Manufactured by DRAGON VALVES, INC. • 13457 Excelsior Drive • Norwalk, CA. 90650 Order No. N20149T Suppl. #1
(Name & Address of Manufacturer)
2. Manufactured for Johnson Controls, Inc., Richland, WA 99352 Order No. X56056 C/O #1 & 2
(Name and Address)
3. Owner Washington Public Power Supply System, WPPSS, Nuclear Project No. 2
4. Location of Plant Richland, WA
5. Pump or Valve Identification Serial Numbers GP1228 thru GP1232, GP1234, GP1235 and GP1237
thru GP1254. (25 Pcs.)
1/2 Inch Instrument Valve, OS&Y. Part Number 7N057SW7D.
(Brief description of service for which equipment was designed)

(a) Drawing No. 10580 Prepared by Dragon Valves, Inc.

(b) National Board No. _____

6. Design Conditions 3600 psi 100 °F or Pressure Class (1)
(Pressure) (Temperature)

7. The material, design, construction, and workmanship complies with ASME Code Section III, Class 1

Edition 1974, Addenda Date 12-31-76, Case No. _____

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings	None		
(b) Forgings			
Body	HT 74843	SA182 Gr. F316 Ajax Forge, Inc.	
Yoke	HT 75463	SA182 Gr. F316 Ajax Forge, Inc.	

(1) For manually operated valves only
*Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 3 1/2" x 11", (2) information in items 1, 2, 5a and 5b on this data report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

227127 Mass. No. 1918/31007 Material Spec. No. 771 227127 Manufacturer 227127 Remarks

(c) Bolting None

-(d) - Other Parties

Disc	HT 825982	SA564 Gr. 630	Carpenter Technology Corp
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8. Hydrostatic test

5400

511

CERTIFICATION OF DESIGN

03:05

Design information on file at: Johnson Controls, Inc.

Screen analysis report on file at Johnson Controls, Inc.

Design specifications certified by James F. Hagan, Jr. (1) Prof. Eng. State WA Reg. No. 13579

Design specifications certified by Kenneth-Foster (1) Prof. Eng. State CA Reg. No. 12564
 Stress analysis report certified by Kenneth-Foster (1) Prof. Eng. State CA Reg. No. 12564

(1) Signature not required. List name only.

We certify that the statements made in this report are correct.

Date May 14, 1979 Signed DRAGON VALVES, INC.

85

- Certificate of Authorization No. N-1033 expires MAY 8, 1981

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of Province of: CALIFORNIA and employed by: Division of Industrial Safety of: CALIFORNIA have inspected the equipment described in this Data

Report on 5-14-1979, and state that to the best of my knowledge and belief, the Manufacturer has constructed this equipment in accordance with the applicable Subsections of ASME Code, Section III.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

* Date 5-14-79

J. W. Ainsworth
(Inspector)

Commissions Cal

: 857

.(National Board, State, Province and No.)

As Required by the Provisions of the ASME Code Rules

-(Name & Address of Manufacturer)

(Name and Address) _____

(Brief description of service for which equipment was designed):

(1) For manually operated valves only

(2) Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 3 1/2" x 11", (2) information in items 1, 2, 5a and 5b on this data report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

5

FÖRMI NP V-1 (back)

[illegible]

CERTIFICATION OF DESIGN.

08201

Design information on file at: Johnson Controls, Inc.

Stress analysis report on file at "not applicable"

Design specifications certified by James F. Hagan, Jr.

(1) Prof. Eng. State WA Reg. No. 13579

Stress analysis report certified by: "not required"

(1) Prof. Eng. State _____ Reg. No. _____

(1) Signature not required. List name only.

We certify that the statements made in this report are correct.

Date October 20, 1978

Signed DRAGON VALVES, INC.
(Macquarrie)

By: [Signature]

Certificate of Authorization No. N-1033

Expires May 6, 1981

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of Province of CALIFORNIA and employed by --Division of Industrial Safety CALIFORNIA have inspected the equipment described in this Data

Report on 10-30-78, and state that to the best of my knowledge and belief, the Manufacturer has constructed this equipment in accordance with the applicable Subsections of ASME Code, Section III. By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 10-20-78

Quarrier
(Inspector)

Commissions Cal. 857
(National Board, State, Province and No.)

PLAN NO. 2-0652

FORM NPY-1 MANUFACTURERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*

As Required by the Provisions of the ASME Code Rules

1. Manufactured by DRAGON VALVES, INC. • 13457 Excelsior Drive • Norwalk, CA. 90850 Order No. N20149T Suppl. 5
(Name & Address of Manufacturer)

2. Manufactured for: Johnson Controls, Inc., Richland, WA 99352 Order No.: X56056 C/O #1 &
(Name and Address)

3. Owner Washington Public Power Supply System, WPPSS Nuclear Project No. 2

4. Location of Plant: Richland, WA

2. Pump or Valve Identification	Serial Numbers: GP1118, GP1201, GP1203 thru GP1213, GP1215 thru GP1217 and GP1219 thru GP1222, (25 Pcs.)
---------------------------------	--

1/2 Inch Instrument Valve, OS&Y, Part Number TN057SW7D.

(Brief description of service for which equipment was designed)

(a) Drawing No. 10580 Prepared by W. H. H. Dragon Valves, Inc.

(b) National Board No.

6. Design Conditions 3600 psi or Pressure Class 100 (Pressure) (Temperature) (1)

7. The material, design, construction, and workmanship complies with ASME Code Section III, Class 1.

Edition 1974, Addenda Date 12-31-76, Case No. _____

[illegible]

(1) For manually operated valves only

*Supplemental sheets in form of data, sketches or drawings may be used provided (1) size is 3 1/4" x 11", (2) information in items, 1, 2, 3a & 3b on this data report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting None			
(d) Other Parts			
Disc HT 825982	SA564 Gr. 630	Carpenter Technology Corp.	

8. Hydrostatic test 5400 psi.

CERTIFICATION OF DESIGN

Design information on file at Johnson Controls, Inc.
 Stress analysis report on file at Johnson Controls, Inc.
 Design specifications certified by James F. Hagan, Jr. (1) Prof. Eng. State WA Reg. No. 13579
 Stress analysis report certified by Kenneth Foster (1) Prof. Eng. State CA Reg. No. 12564
 (1) Signature not required. List name only.

We certify that the statements made in this report are correct.

Date May 14, 19 79 Signed DRAGON VALVES, INC. By [Signature]
 (Manufacturer)

Certificate of Authorization No. N-1033 expires MAY 8, 1981

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of Province of CALIFORNIA and employed by Division of Industrial Safety of CALIFORNIA have inspected the equipment described in this Data Report on 5-14-1979, and state that to the best of my knowledge and belief, the Manufacturer has constructed this equipment in accordance with the applicable Subsections of ASME Code, Section III.
 By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 5-14-1979

[Signature] Commissions Cal. 857
 (Inspector) (National Board, State, Province and No.)



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0661

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, Washington
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)
4. Identification of System: Low Pressure Core Spray (LPCS), Main Steam (MS) and Reactor Core Isolation Cooling (RCIC) Systems
5. (a) Applicable Construction Code ASME Section III Code Class NF(1), 1971 Edition with Winter 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
LPCS(1)-4 B22-G001D RCIC(1)-4CL1	WPPSS WPPSS WPPSS	LPCS(1)-4-P1 B22-G001D-P1 RCIC(1)-4CL1-P1	N/A N/A N/A	N/A N/A N/A	1983 1983 1984	Replacement Replacement Replacement	Yes, Code Class NF(1) Yes, Code Class NF(1) Yes, Code Class NF(1)

7. Description of Work: Replaced existing snubbers with rigid struts. The replacement work was performed as follows
- 1) Removed existing snubbers
 - 2) Installed new rigid struts
 - 3) Performed Preservice Inspections (PSI). PSI results acceptable



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0661

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None.

Test Pressure: Pslg

Test Temperature: °F

Component Design Pressure: Pslg

Temperature: °F

9. Remarks: See attached NF-2 Code Data Reports for the following

Support No	Serial No	Support No	Serial No
LPCS-908N	NA-2295-027-12	RCIC-934N	NA-2295-026-18
MS-SD-1	NA-2765-004-2	RCIC-936N	NA-2295-025-5
MS-SD-2	NA-2765-004-1	RCIC-936N	NA-2295-025-12
MS-SD-4	NA-2765-003-1	RCIC-939N	NA-2295-026-11
MS-SD-7	NA-2765-003-3		

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Dwain Rupp Signed by [Signature]

Plant Technical Manager

Date 7/10/91 Date 7-12-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 3/15/91 to 7/16/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions 9556W NBI
National Board, State, and Endorsements

Date 7/16/91

FORM NP-2 NPT CERTIFICATE HOLDERS' PARTIAL DATA REPORT FOR PARTS FOR COMPONENT SUPPORT

As Required by the Provisions of the ASME Code Rules, Section III, Division 1

1. Manufactured by NPS INDUSTRIES, INC., 10420 METRIC BLVD., AUSTIN, TEXAS 78758
(Name and address of NPT Certificate Holder)

2. Manufactured for WASHINGTON PUBLIC POWER SUPPLY SYSTEM, PO BOX 968, RICHMOND, WA 99352
(Name and address of purchaser or owner)

3. Location of installation WNP-2 OPS WHS COMPLEX, WHS#1 N. PWR. PLANT LOOP, RICHMOND, WA 99352

(a) Part Serial No.	(b) Canadian Registration No.	(c) Part Drawing No.	(d) Description of Part	(e) Class	(f) National Board No.	(g) Year Suite
(1) *	N/A	NPS-140	REPLACEMENT	1	N/A	1988
(2)		REV. 0	SNUBBER			
(3)			SMR-10			
(4)						
(5) *	NA-2295-027-1					
(6)	THRU					
(7)	NA-2295-027-21					
(8)						
(9)						
(10)						

PLAN NO. 2-0661
Rudip Smith
7/10/91

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these component support parts conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition 1971, Addenda WINTER 1973.
Code Case no. N247 (Date)

Date MARCH 25 19 88 Signed NPS INDUSTRIES by SANDY REYNOLDS
(NPT Certificate Holder) (Date)

Our ASME Certificate of Authorization No. N-2589 to use the NPT Symbol expires JULY 12, 1988
(NPT) (Date)

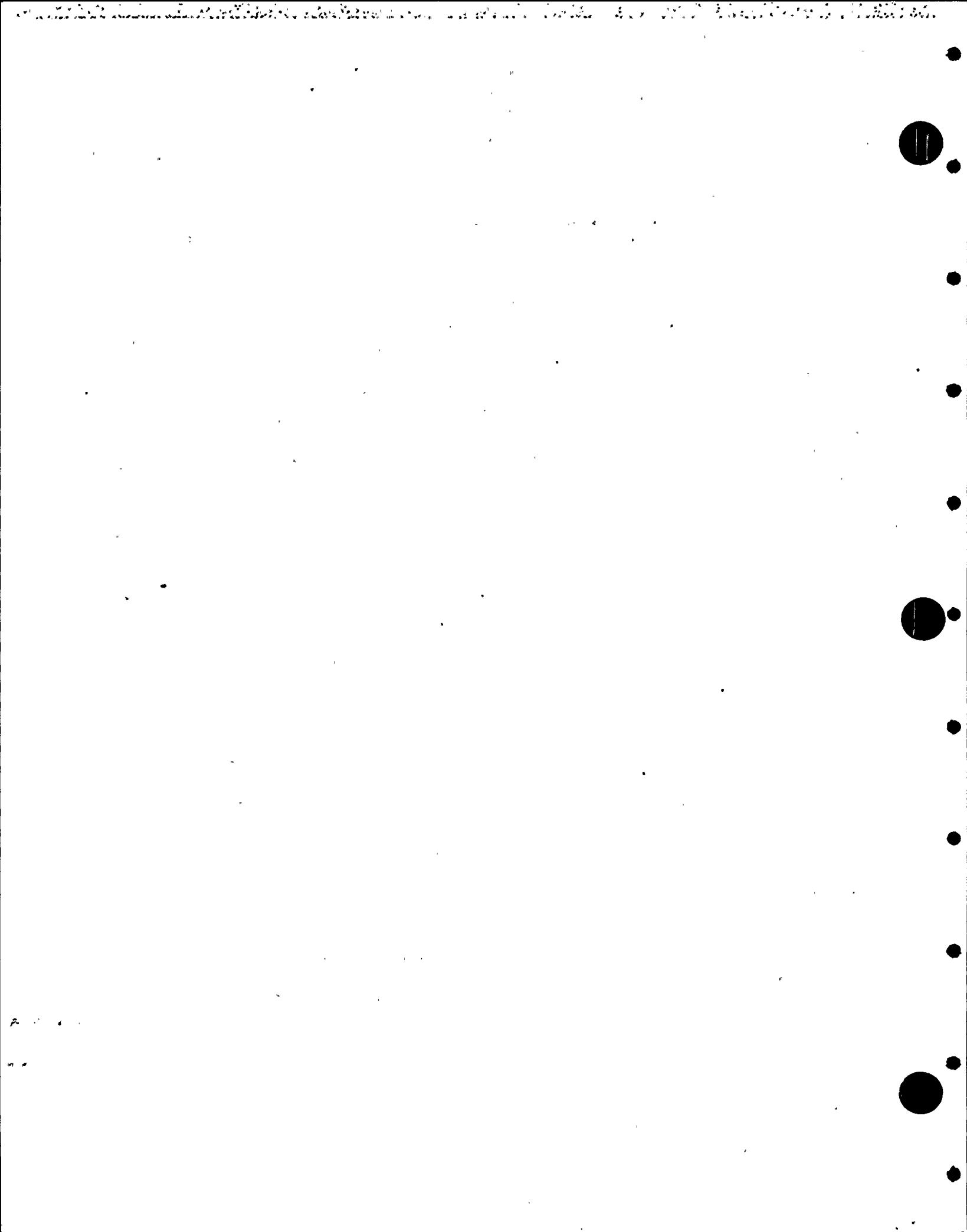
CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of TEXAS and employed by *HSEI&I CO. of HARTFORD, CONNECTICUT

have inspected the parts for the component supports described in this Data Report on 3/25 19 88 and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component support parts in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports described in this Data Report. Furthermore neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/25/88
[Signature] Commission TEXAS 1186
(Name, State, Province, and No.)



FORM NP-2 NPT CERTIFICATE HOLDERS' PARTIAL DATA REPORT FOR PARTS FOR COMPONENT SUPPORT*
As Required by the Provisions of the ASME Code Rules, Section III, Division 1

1. Manufactured by NPS INDUSTRIES, INC., 10420 METRIC BOULEVARD, AUSTIN, TX 78758
(Name and address of NPT Certificate holder)
2. Manufactured for WASHINGTON PUBLIC POWER SUPPLY SYSTEM, P.O. BOX 968, RICHLAND, WA 99352
(Name and address of purchaser or owner)
3. Location of Installation WHP-2 OPS WHS COMPLEX, WHS#1 N. PWR. PLANT LOOP, RICHLAND, WA 99352

(a) Part Serial No.	(b) Canadian Registration No.	(c) Part Drawing No.	(d) Description of Part	(e) Class	(f) National Board No.	(g) Year Built
(1) *	N/A	SPN-041	REPLACEMENT	1	N/A	1990
(2)		REV.0	SNUBBER			
(3)			SMR-100			
(4)						
(5)						
(6)	*NA-2765-004-1. ✓					
(7)	*NA-2765-004-2 ✓					
(8)						
(9)						
(10)						

VERIFIED & ACCEPTED [Signature]

CERTIFICATE OF COMPLIANCE

LEVEL III R.I. Inspector [Signature] Date 7-10-91

We certify that the statements made in this report are correct and that these component support parts conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition 1971, Addenda WINTER 1973, Code Case no. N247. (Date)

Date APRIL 27 19 90. Signed NPS INDUSTRIES, INC. by [Signature]
(NPT Certificate Holder) SANDY REYNOLDS

Our ASME Certificate of Authorization No. N-2689 to use the NPT Symbol expires JULY 12, 1991
(NPT) (Date)

CERTIFICATE OF SHOP INSPECTION

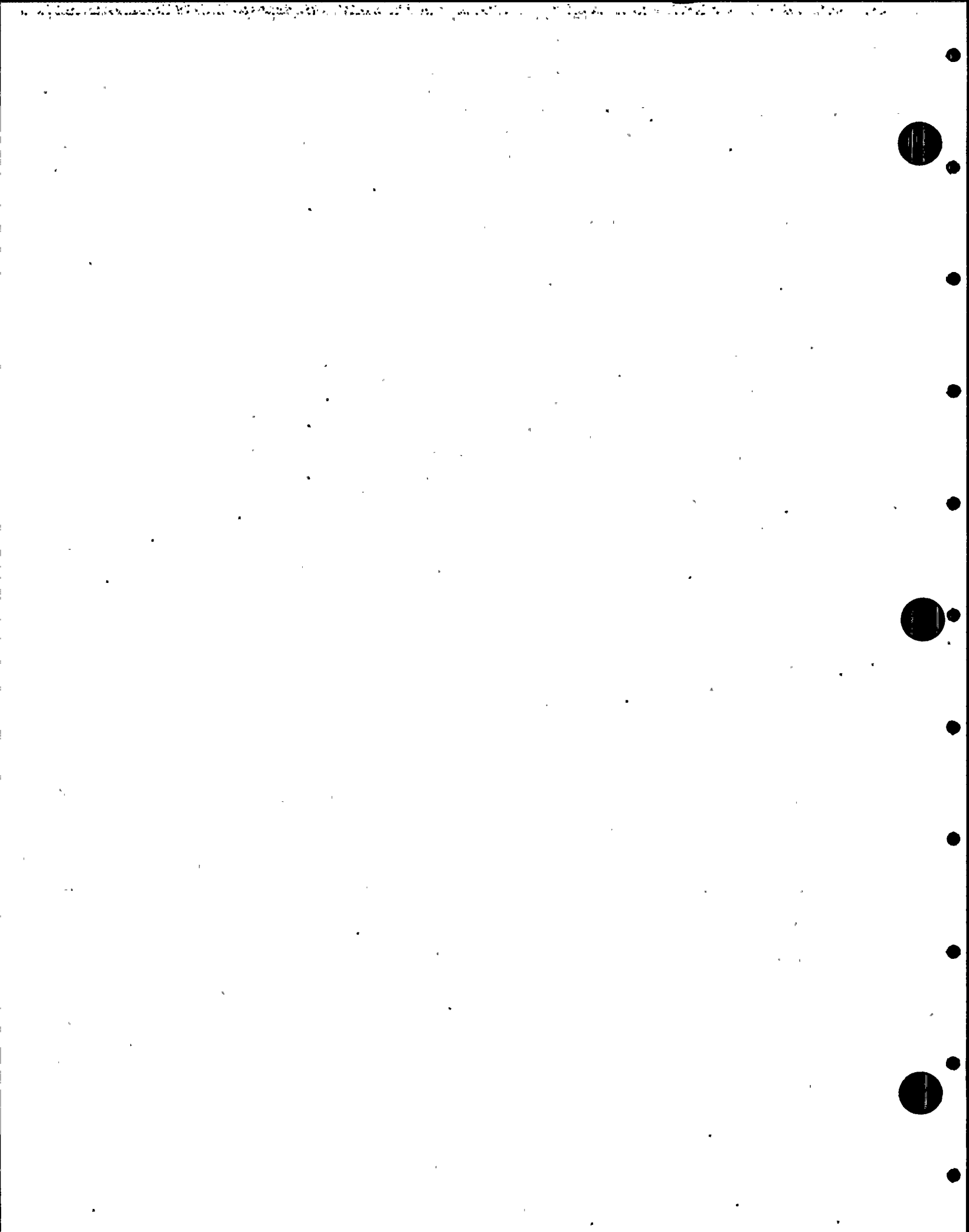
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of TEXAS and employed by COMMERCIAL UNION of BOSTON, MASSACHUSETTS

have inspected the parts for the component supports described in this Data Report on 7/27 19 90, and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component support parts in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports described in this Data Report. Furthermore neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 4-27-90
Signed [Signature] Commission TCR803 FOR INFORMATION ONLY
(Nat'l Board, State, Province, and No.)

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



FORM NF-2 NPT CERTIFICATE HOLDERS' PARTIAL DATA REPORT FOR PARTS FOR COMPONENT SUPPORT*
As Required by the Provisions of the ASME Code Rules, Section III, Division 1

1. Manufactured by NPS INDUSTRIES, INC., 10420 METRIC BOULEVARD, AUSTIN, TX 78758
(Name and address of NPT Certificate Holder)
2. Manufactured for WASHINGTON PUBLIC POWER SUPPLY SYSTEM, P.O. BOX 968, RICHLAND, WA 99352
(Name and address of purchaser or owner)
3. Location of Installation WNP-2 OPS WHS COMPLEX, WHS #1 N. PWR. PLANT LOOP, RICHLAND, WA 99352

(a) Part Serial No.	(b) Canadian Registration No.	(c) Part Drawing No.	(d) Description of Part	(e) Class	(f) National Board No.	(g) Year Built
(1) *	N/A	SPN-041	REPLACEMENT	1	N/A	1990
(2)		REV.0	SNUBBER			
(3)			SIR-35			
(4)						
(5)						
(6)						
(7)						
(8)						
(9)						
(10)						

PLAN NO 2-0661

*NA-2765-003-1

THRU

NA-2765-003-4

7/10/91

VERIFIED & ACCEPTED DT Miller
6-4-90
LEVEL III R.I. Inspector Date

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these component support parts conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition 1971, Addenda WINTER 1973.
Code Case no. N247 (Date)

Date MAY 4 19 90 Signed NPS INDUSTRIES, INC. by SANDY REYNOLDS
(NPT Certificate Holder) (Date)

Our ASME Certificate of Authorization No. N-2689 to use the NPT Symbol expires JULY 12, 1991
(NPT) (Date)

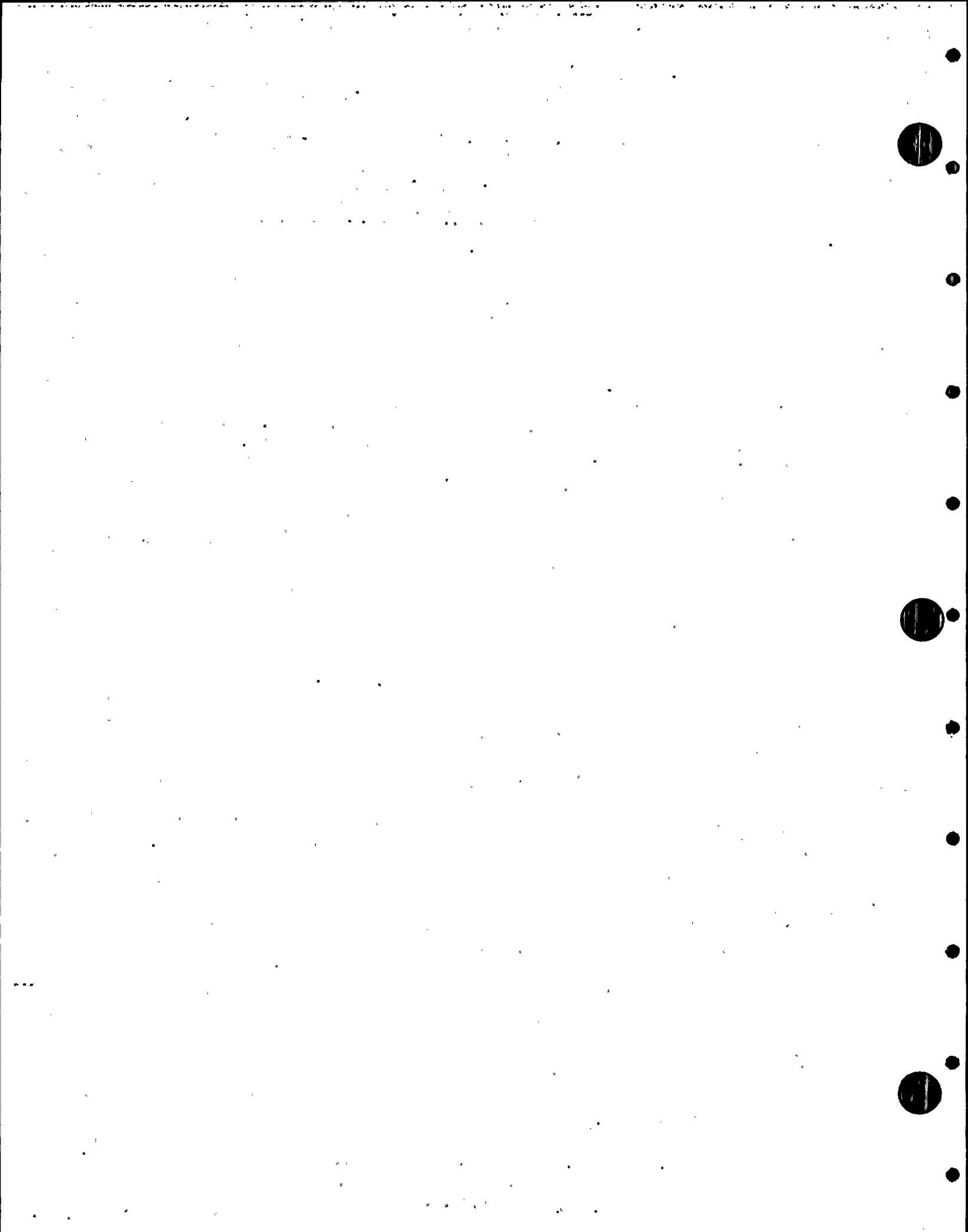
CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of TEXAS and employed by COMMERCIAL UNION of BOSTON, MASSACHUSETTS
have inspected the parts for the component supports described in this Data Report on 5/4/90 and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component support parts in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports described in this Data Report. Furthermore neither the Inspector nor his employer shall be liable in any manner for any personal injury, or property damage or a loss of any kind arising from or connected with this inspection.

Date 5/4/90
Signed [Signature] Commission T-1083
(Not' Board, State Province and No.)

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



FORM NF-2 NPT CERTIFICATE HOLDERS' PARTIAL DATA REPORT FOR PARTS FOR COMPONENT SUPPORT*
As Required by the Provisions of the ASME Code Rules, Section III, Division 1

1. Manufactured by NPS INDUSTRIES, INC., 10420 METRIC BLVD., AUSTIN, TEXAS 78758
(Name and address of NPT Certificate Holder)
2. Manufactured for WASHINGTON PUBLIC POWER SUPPLY SYSTEM, PO BOX 968, RICHLAND, WA 99352
(Name and address of purchaser or owner)
3. Location of Installation WNP-2 OPS WHS COMPLEX, WHS#1 N. PWR. PLANT LOOP, RICHLAND, WA 99352

(a) Part Serial No.	(b) Canadian Registration No.	(c) Part Drawing No.	(d) Description of Part	(e) Class	(f) National Board No.	(g) Year Built
(1) *	N/A	NPS-140	REPLACEMENT	1	N/A	1988
(2)		REV. 0	SNUBBER			
(3)		SMR-3				
(4)						
(5) *	NA-2295-025-1				PLAN NO 2-0661	
(6)	THRU					
(7)	NA-2295-025-20				Revised Engrs	
(8)					7/10/91	
(9)						
(10)						

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these component support parts conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition 1971, Addenda WINTER 1973, Code Case no. N247. (Date)

Date MARCH 25 19 88 Signed NPS INDUSTRIES by SANDY REYNOLDS
(NPT Certificate Holder)
Our ASME Certificate of Authorization No. N-2689 to use the NPT Symbol expires JULY 12, 1988
(NPT) (Date)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of TEXAS and employed by *HSB&I CO. of HARTFORD, CONNECTICUT have inspected the parts for the component supports described in this Data Report on 3/25 19 88 and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component support parts in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports described in this Data Report. Furthermore neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/25/88
Signed [Signature] Commission TEXAS 1126
(Inspector, State, Province, and No.)

FORM NF-2 NPT CERTIFICATE HOLDERS' PARTIAL DATA REPORT FOR PARTS FOR COMPONENT SUPPORT
As Required by the Provisions of the ASME Code Rules, Section III, Division 1

1. Manufactured by NPS INDUSTRIES, INC., 10420 METRIC BLVD., AUSTIN, TEXAS 78758
(Name and address of NPT Certificate Holder)

2. Manufactured for WASHINGTON PUBLIC POWER SUPPLY SYSTEM, PO BOX 962, RICHMOND, WA 99352
(Name and address of purchaser or owner)

3. Location of Installation WNP-2 OPS WHS COMPLEX, WHS#1 N. PWR. PLANT LOOP, RICHMOND, WA 99352

4. (a) Part Serial No. (b) Canadian Registration No. (c) Part Drawing No. (d) Description of Part (e) Class (f) National Board No. (g) Year Built

(1) *	N/A	NPS-140	REPLACEMENT	1	N/A	1988
(2)		REV.0	SNUBBER			
(3)			SMR-1			
(4)						
(5) *NA-2295-025-1					PLAN NO. 2-0661	
(6) THRU						
(7) NA-2295-025-15					Culdrin. Emph	
(8)					7/10/91	
(9)						
(10)						

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these component support parts conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition 1971, Addenda WINTER 1973.
Code Case no. N247 (Date)

Date MARCH 25 19 88 Signed NPS INDUSTRIES by SANDY REYNOLDS
(NPT Certificate Holder)

Our ASME Certificate of Authorization No. N-2689 to use the NPT Symbol expires JULY 12, 1988
(Date)

CERTIFICATE OF SHCP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of TEXAS and employed by *HSB&I CO. of HARTFORD, CONNECTICUT
have inspected the parts for the component supports described in this Data Report on 3/25 19 88 and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component support parts in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component supports described in this Data Report. Furthermore neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/25/88
Signed James Commission TEXAS 1182
(Inspector's Name, State, Province, and No.)



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

- | | |
|---|---------------|
| 1. Owner: Washington Public Power Supply System (WPPSS) | Date: 3/25/91 |
| Address: 3000 George Washington Way, Richland, WA | Sheet: 1 of 1 |
| 2. Plant: WPPSS Nuclear Power Plant (WNP) | Unit: WNP-2 |
| Address: Hanford, Benton County, WA | |
| 3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA | |
| (b) Repair Organization P.O. No., Job No., etc.: WPPSS | |
| 4. Identification of System: Reactor Water Cleanup (RWCU) System | |
| 5. (a) Applicable Construction Code ASME Section III Code Class 3, 1974 Edition with Summer 1976 Addenda, | |
| Code Case: None | |
| (b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980 | |
| Addenda, Code Case: N-308 | |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
RWCU-V-229B	Xomox	89665D	N/A	N/A	1977	Replacement	Yes, Code Class 3

7. Description of Work: Replaced existing stem/disc assembly with new replacement stem/disc assembly for valve RWCU-V-229B



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0662

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Dulair Supb

Signed by

[Signature]
Plant Technical Manager

Date

3/25/91

Date

3-29-71

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 2/13/91 to 3/26/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]

Inspector's Signature

Commissions

9556 W NBI

National Board, State, and Endorsements

Date

4/2/91



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0663

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, Washington
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Bechtel Construction, Inc., PO Box 600, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: C20069
4. Identification of System: Main Steam (MS) System
5. (a) Applicable Construction Code ASME Section III Code Class NF(3), 1971 Edition with Winter 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 7/10/91

Sheet: 1 of 1

Unit: WNP-2

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
MS(18)-2-17	WPPSS	MS(18)-2-17-P1	N/A	N/A	1983	Repair	Yes, Code Class NF(3)

7. Description of Work: Repaired (modified) support MSRV-2D-2 to provide additional reinforcement. The repair work was performed as follows

- 1) Installed new support material
- 2) Made required welds
- 3) Performed visual examinations on the final welds. Visual examination results acceptable



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0663

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Pslg

Test Temperature: °F

Component Design Pressure: Pslg

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Outcrop Snip

Signed by

[Signature]

Plant Technical Manager

Date

7/10/91

Date

7-12-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 3/15/91 to 7/16/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9556 W NBI

National Board, State, and Endorsements

Date

7/16/91



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0668

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS) Date: 6/5/91
Address: 3000 George Washington Way, Richland, WA Sheet: 1 of 1
2. Plant: WPPSS Nuclear Power Plant (WNP) Unit: WNP-2
Address: Hanford, Benton County, WA
3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: WPPSS
4. Identification of System: Process Instrument (PI) System
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1974 Edition with Winter 1975 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
PI(1)-ST-(IR-64)-1A	JCI	PI(1)-ST-(IR-64)-1A	N/A	N/A	1983	Replacement	Yes, Code Class 2

7. Description of Work: Installed flanges on inlet side of relief valves CSP-RV-51 and CSP-RV-52. The replacement work was performed as follows

- 1) Cut relief valve inlet piping welds
- 2) Installed new flanges, lap joint flanges and lap joint stubs
- 3) Made required socket weld
- 4) Performed PT examination on the final socket welds. PT examination results acceptable
- 4) Installed new bolting material for the flange joints



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0668

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: P_{sig} Test Temperature: °F
Component Design Pressure: P_{sig} Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudolf E. Euph

Signed by

[Signature]
Plant Technical Manager

Date

6/5/91

Date

6-5-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 4/15/91 to 6/5/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9556 W NBI
National Board, State, and Endorsements

Date

6/10/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, WA
2. Plant: WPPSS Nuclear Power Plant (WNP)
Address: Hanford, Benton County, WA
3. (a) Work Performed by: Bechtel Construction, Inc, PO Box 600, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: C20069
4. Identification of System: Containment
5. (a) Applicable Construction Code ASME Section III Code Class MC, 1971 Edition with Summer 1972 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
Containment	PDM	12764	790	N/A	1978	Replacement	Yes, Code Class MC

- 7. Description of Work:** Installed new tubing material associated with differential pressure indicators C-DPI-1, C-DPI-2, C-DPI-3 and C-DPI-4. The replacement work was performed as follows
- 1) Plugged abandoned bulkheads ports which were not required for installation of new gauges
 - 2) Drilled and tapped holes in the bulkheads for installation of mounting plates
 - 3) Installed new tubing material associated with differential pressure indicators C-DPI-1, C-DPI-2, C-DPI-3 and C-DPI-4



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0669

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol, Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudip Guip

Signed by

[Signature]
Plant Technical Manager

Date

6/5/91

Date

6-5-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 3/22/91 to 6/7/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]

Inspector's Signature

Commissions

9556 W NBI

National Board, State, and Endorsements

Date

6/10/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS) Date: 8/21/91
Address: 3000 George Washington Way, Richland, Washington Sheet: 1 of 1
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP) Unit: WNP-2
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Bechtel Construction, Inc., PO Box 600, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: C20069
4. Identification of System: Instrument Line
5. (a) Applicable Construction Code ASME Section III Code Class 1, 1974 Edition with Winter 1975 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
PI(1)-4S-X42A	JCI	PI(1)-4S-X42A	N/A	N/A	1983	Replacement	Yes, Code Class 1

7. Description of Work: Installed new support B-220-643-11 for instrument line PI(1)-4S-X42A. The replacement work was performed as follows

- 1) Installed new support material
- 2) Made required welds
- 3) Performed MT examinations on the final welds. MT examination results acceptable



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0671

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudolph Ruiz's

Signed by

[Signature]

Plant Technical Manager

Date

8/28/91

Date

8-28-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 4/13/91 to 8/22/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9556 W NBI

National Board, State, and Endorsements

Date

8/28/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, Washington
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Bechtel Construction, Inc., PO Box 600, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: C20069
4. Identification of System: Instrument Line
5. (a) Applicable Construction Code ASME Section III Code Class 1, 1974 Edition with Winter 1975 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
PI(1)-4S-X78B	JCI	PI(1)-4S-X78B	N/A	N/A	1983	Replacement	Yes, Code Class 1

7. Description of Work: Installed new support B-220-1141-25A for instrument line PI(1)-4S-X78B. The replacement work was performed as follows

- 1) Machined new lugs
- 2) Performed PT examination on the machined areas of the lugs. PT examination results acceptable
- 3) Installed new support material and the lugs
- 4) Made required pipe to lug welds
- 5) Performed PT examinations (limited examination - examined three sides of the final pipe to lug welds in lieu of all four sides) on the final welds. PT examination results acceptable
- 6) Performed PT examinations on the fourth side of the final pipe to lug weld. PT examination results unacceptable

NOTE: The lugs were removed, rewelded and the final pipe to lug welds were reexamined under ASME Section XI Plan No 2-0721



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0672

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Philip Sings

Signed by [Signature]

Plant Technical Manager

Date 9/17/91

Date 9-18-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 4/13/91 to 9/23/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9556 W NBI

National Board, State, and Endorsements

Date 9/23/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, Washington
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Bechtel Construction, Inc., PO Box 600, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: C20069
4. Identification of System: Instrument Lines
5. (a) Applicable Construction Code ASME Section III Code Class 1, 1974 Edition with Winter 1975 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 8/21/91
Sheet: 1 of 1
Unit: WNP-2

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
PI(1)-4S-X61B	JCI	PI(1)-4S-X61B	N/A	N/A	1983	Replacement	Yes, Code Class 1
PI(1)-4S-X70C	JCI	PI(1)-4S-X70C	N/A	N/A	1983	Replacement	Yes, Code Class 1
PI(1)-4S-X75C	JCI	PI(1)-4S-X75C	N/A	N/A	1983	Replacement	Yes, Code Class 1

7. Description of Work: Installed new supports B-220-735-20 and B-220-638-12 for instrument lines PI(1)-4S-X61B and PI(1)-4S-X70C respectively. The replacement work was performed as follows
- 1) Installed new support material
 - 2) Made required welds
 - 3) Performed MT examinations on the final welds. MT examination results acceptable
- Installed and tack welded shims to the existing angle iron for support B-220-1112-12 for instrument line PI(1)-4S-75C



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0673

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Dwain Lupp

Signed by

[Signature]

Plant Technical Manager

Date

8/28/91

Date

8-28-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 4/13/91 to 8/22/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9556 W NBI

National Board, State, and Endorsements

Date

8/28/91



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0681

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, Washington
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Bechtel Construction, Inc., PO Box 600, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: C20069
4. Identification of System: Containment Vessel
5. (a) Applicable Construction Code ASME Section III Code Class MC, 1971 Edition with Summer 1972 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 6/27/91

Sheet: 1 of 1

Unit: WNP-2

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
X-51	Tube Turns	BY 25	N/A	N/A	1975	Replacement	Yes, Code Class MC

7. Description of Work: Removed and plugged pressure warning device port holes on Suppression Chamber Access Hatch, Containment Penetration X-51. The replacement work was performed as follows

- 1) Machined two (2) new plugs
- 2) Performed PT examination on the machined surfaces of both the plugs. PT examination results acceptable
- 3) Cut and removed both pressure warning devices
- 4) Prepped cut areas for welding of new plugs
- 5) Performed PT examination on the prepped areas. PT examination results acceptable
- 6) Installed plugs on the hatch and made required welds
- 7) Performed PT examination on the final welds. PT examination results acceptable



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0681

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Rudolph Gupis Signed by [Signature]
Date 6/27/91 Date 6-27-91
Plant Technical Manager

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 5/3/91 to 6/27/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 955611 NBI
Inspector's Signature National Board, State, and Endorsements
Date 6/27/91



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0682

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, Washington

Date: 6/27/91

Sheet: 1 of 1

Unit: WNP-2

2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)

Address: Hanford Reservation, Benton County, Washington

3. (a) Work Performed by: Bechtel Construction, Inc., PO Box 600, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: C20069

4. Identification of System: Containment Vessel

5. (a) Applicable Construction Code ASME Section III Code Class MC, 1971 Edition with Summer 1972 Addenda,
Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
X-28	PDM	12764	790	N/A	1976	Replacement	Yes, Code Class MC

7. Description of Work: Removed and plugged pressure warning device port holes on CRD Hatch, Containment Penetration X-28 The replacement work was performed as follows

- 1) Machined two (2) new plugs
- 2) Performed PT examination on the machined surfaces of both the plugs. PT examination results acceptable
- 3) Cut and removed both pressure warning devices
- 4) Prepped cut areas for welding of new plugs
- 5) Performed PT examination on the prepped areas. PT examination results acceptable
- 6) Installed plugs on the hatch and made required welds
- 7) Performed PT examination on the final welds. PT examination results acceptable



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0682

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Rudip Sub Signed by [Signature]
Date 6/27/91 Date 6-27-91
Plant Technical Manager

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 5/3/91 to 6/28/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 9556 W NBI
Inspector's Signature National Board, State, and Endorsements

Date 6/28/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS) Date: 8/20/91
Address: 3000 George Washington Way, Richland, Washington Sheet: 1 of 1
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP) Unit: WNP-2
Address: Hanford Reservation, Benton County, Washington
3. (a). Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)
4. Identification of System: Control Rod Drive (CRD) System
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
CRD-V-101A	Dragon	DL10211	N/A	N/A	1977	Replacement	Yes, Code Class 2
CRD-V-101A	Dragon	DL10218	N/A	N/A	1977	Replacement	Yes, Code Class 2
CRD-V-101A	Dragon	DL10271	N/A	N/A	1977	Replacement	Yes, Code Class 2
CRD-V-101A	Dragon	DL10379	N/A	N/A	1977	Replacement	Yes, Code Class 2
CRD-V-101A	Dragon	DL10360	N/A	N/A	1977	Replacement	Yes, Code Class 2
CRD-V-101A	Dragon	DL10295	N/A	N/A	1977	Replacement	Yes, Code Class 2
CRD-V-101A	Dragon	DL10384	N/A	N/A	1977	Replacement	Yes, Code Class 2
CRD-V-101A	Dragon	DL10220	N/A	N/A	1977	Replacement	Yes, Code Class 2
CRD-V-101A	Dragon	DL10347	N/A	N/A	1977	Replacement	Yes, Code Class 2
CRD-V-101A	Dragon	DL10376	N/A	N/A	1977	Replacement	Yes, Code Class 2
CRD-V-101A	Dragon	DL10361	N/A	N/A	1977	Replacement	Yes, Code Class 2
CRD-V-101A	Dragon	DL10324	N/A	N/A	1977	Replacement	Yes, Code Class 2
CRD-V-101A	Dragon	DL10221	N/A	N/A	1977	Replacement	Yes, Code Class 2

7. Description of Work: Replaced (installed) missing valve plugs for the above listed valves



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0683

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: See attached N-2 Code Data Report for the new plugs, Part No 247441N5, Heat No 66016

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Rudolph Sripis Signed by [Signature]

Plant Technical Manager

Date 8/28/91 Date 8-28-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 4/24/91 to 8/22/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 9556 W NBI
Inspector's Signature National Board, State, and Endorsements

Date 8/28/91

PLAN NO 2-0683

1. (a) Manufactured by Dragon Valves, Inc., 13457 Excelsior Dr., Norwalk, CA 90650 *Building Supp. 2/26/79*
(Name and address of NPT Certificate Holder)
(b) Manufactured for General Electric Co., P. O. Box 248, Richland, WA 99352
(Name and address of N Certificate Holder for completed nuclear component)
2. Identification-Certificate Holder's Serial No. of Part See remarks Nat'l Bd. No. _____
- (a) Constructed According to Drawing No. 10649-N15436 Drawing Prepared by Dragon Valves, Inc.
(b) Description of Part Inspected Plug, Part Number 24-7441-NS
(c) Applicable ASME Code: Section III, Edition 1971, Addenda date 12-31-73, Case No. _____ Class 2
3. Remarks: Plug, Part Number 24-7441-NS. Material: ASME SA479 TX316, Heat No. 66016.
(Brief description of service for which component was designed)
M411: Joslyn Stainless Steel. Identification: Color-code: GREEN (marked on each
part) For replacement on Control Rod Drive Vent Valve, Dragon Valves, Inc. Part
Number 10649-5 and 10649-3 *Building Supp. 4/15/81*

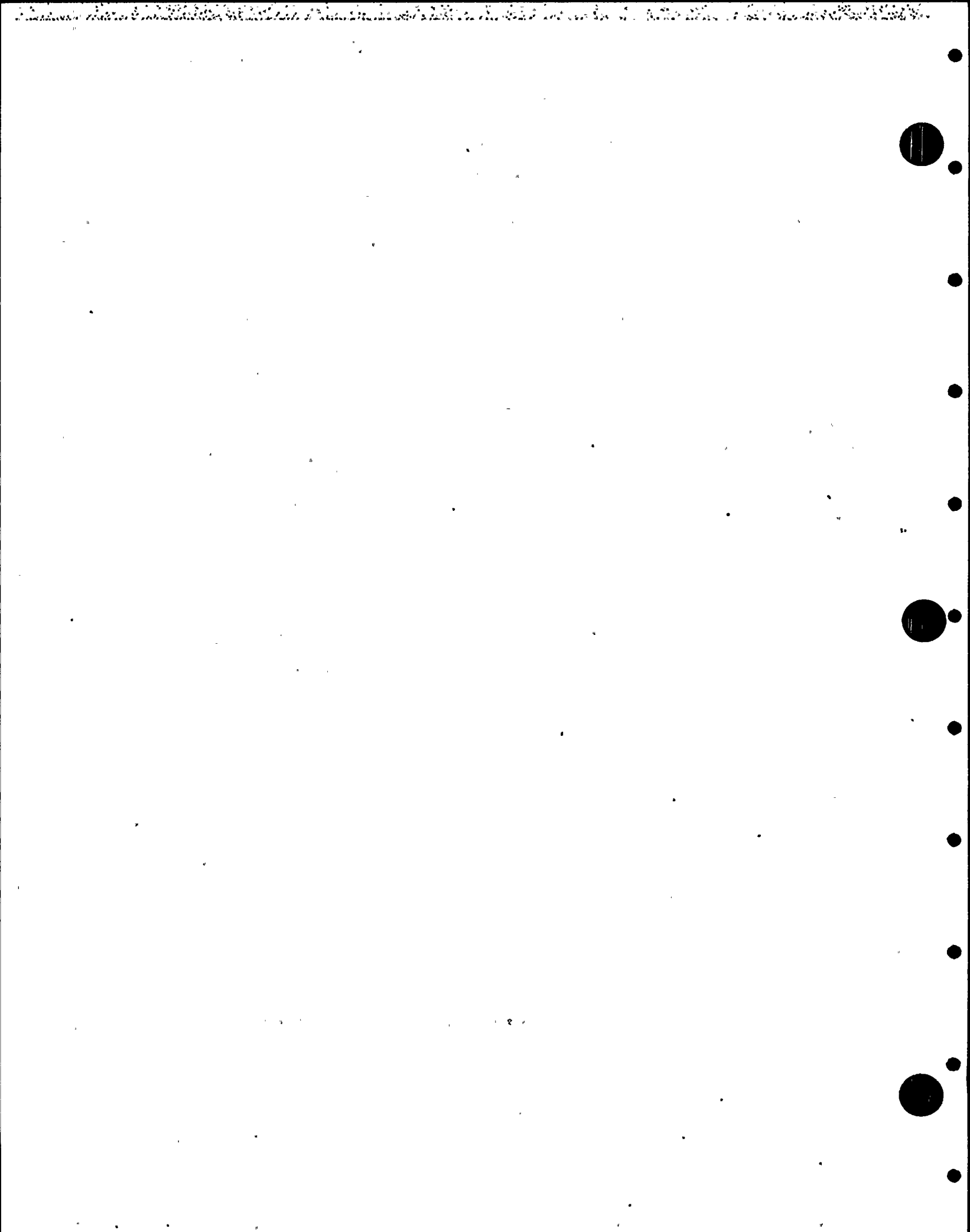
We certify that the statements made in this report are correct and this vessel part or appurtenance as defined in the Code conforms to the rules of construction of the ASME Code Section III.
(The applicable Design Specification and Stress Report are not the responsibility of the NPT Certificate Holder for parts. An NPT Certificate Holder for appurtenances is responsible for furnishing a separate Design Specification and Stress Report if the appurtenance is not included in the component Design Specification and Stress Report.)

Date February 26, 1979 Signed DRAGON VALVES, INC. By *J. J. Divil*
(NPT Certificate Holder)
Certificate of Authorization Expires May 6, 1981 Certificate of Authorization No. N-1034

CERTIFICATION OF DESIGN FOR APPURTENANCE (when applicable)	
Design information on file at <u>General Electric Co.</u>	Spec No. <u>2308-215</u>
Stress analysis report on file at <u>not required</u>	Section No. <u>15F; 15M</u>
Design specifications certified by <u>David J. Murphy</u>	Par. No. <u>3.9, 3.7; 3.9, 3.14</u>
Stress analysis report certified by <u>not applicable</u>	Prof. Eng. State <u>WA</u> Reg. No. <u>12542</u>

CERTIFICATE OF SHOP INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of <u>CALIFORNIA</u> and employed by <u>Division of Industrial Safety</u> of <u>State of California</u> have inspected the part of a pressure vessel described in this Partial Data Report on <u>2-27-1979</u> and state that to the best of my knowledge and belief, the NPT Certificate Holder has constructed this part in accordance with the ASME Code Section III.	
By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the part described in this Partial Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Date <u>2-27-1979</u>	<u>U.S. B. 698-7003</u>
<u><i>J. Warren</i></u> Inspector's Signature	Commissions <u>Cal-857</u> National Board, State, Province and No.

* Supplemental sheets in form of flats, sketches or drawings may be used provided (1) size is 14" x 11" (2) information indicated on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is provided on cover 2. "Remarks"





WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0684

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, Washington

Date: 9/24/91

Sheet: 1 of 1

Unit: WNP-2

2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)

Address: Hanford Reservation, Benton County, Washington

3. (a) Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)

4. Identification of System: Containment Supply Purge (CSP) System

5. (a) Applicable Construction Code ASME Section III Code Class 2, 1974 Edition with Winter 1975 Addenda,

Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980

Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
CSP-V-93	Target Rock	1	N/A	N/A	1983	Repair/Replacement	Yes, Code Class 2

7. Description of Work: Performed work on valve CSP-V-93. The work was performed as follows

- 1) Cut body to bonnet seal weld
- 2) Removed valve internals for troubleshooting
- 3) Reinstalled valve internals and installed new disc
- 4) Installed bonnet into valve body and torqued it to the required torque value
- 5) Made body to bonnet seal weld
- 6) Performed PT examination on the final seal weld. PT examination results acceptable



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0684

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: See attached N-2 Code Data Report for the new disc Serial No 779

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair/replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Quairp Quip's

Signed by

[Signature]

Plant Technical Manager

Date

9/24/91

Date

9-24-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 4/26/91 to 9/24/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]

Inspector's Signature

Commissions

9556 W

NBI

National Board, State, and Endorsements

Date

9/24/91

FORM N-2 CERTIFICATE HOLDERS DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*

As Required by the Provisions of the ASME Code, Section III

Not To Exceed One Day's Production

Page 1 of 1

PLANT NO. 2-0684

Quincy Emps
9/24/91

1. Manufactured and certified by Target Rock Corp., 19652 Broadhollow Rd., E. Farmingdale, NY 11735

2. Manufactured for Washington Public Power Supply System, Richmond, VA

3. Location of installation Washington Nuclear Plant 2, Richmond, VA

4. Type 202337-1 Rev. E SA-479 316 75 KSI N/A 1989

5. ASME Code, Section III: 1974 M 75 2 N/A

6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision N/A Date N/A

7. Remarks: Spare Parts for a completed valve, Models 79TT-001, 83TT-001

8. Nom. thickness (in.) N/A Min. design thickness (in.) N/A Dia. ID (ft & in.) N/A Length overall (ft & in.) N/A

9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) 779	N/A
(2) 816	N/A
(3) 788	N/A
(4) 824	N/A
(5) 782	N/A
(6) 760	N/A
(7) 762	N/A
(8) N/A	N/A
(9)	
(10)	
(11)	
(12)	
(13)	
(14)	
(15)	
(16)	
(17)	
(18)	
(19)	
(20)	
(21)	
(22)	
(23)	
(24)	
(25)	

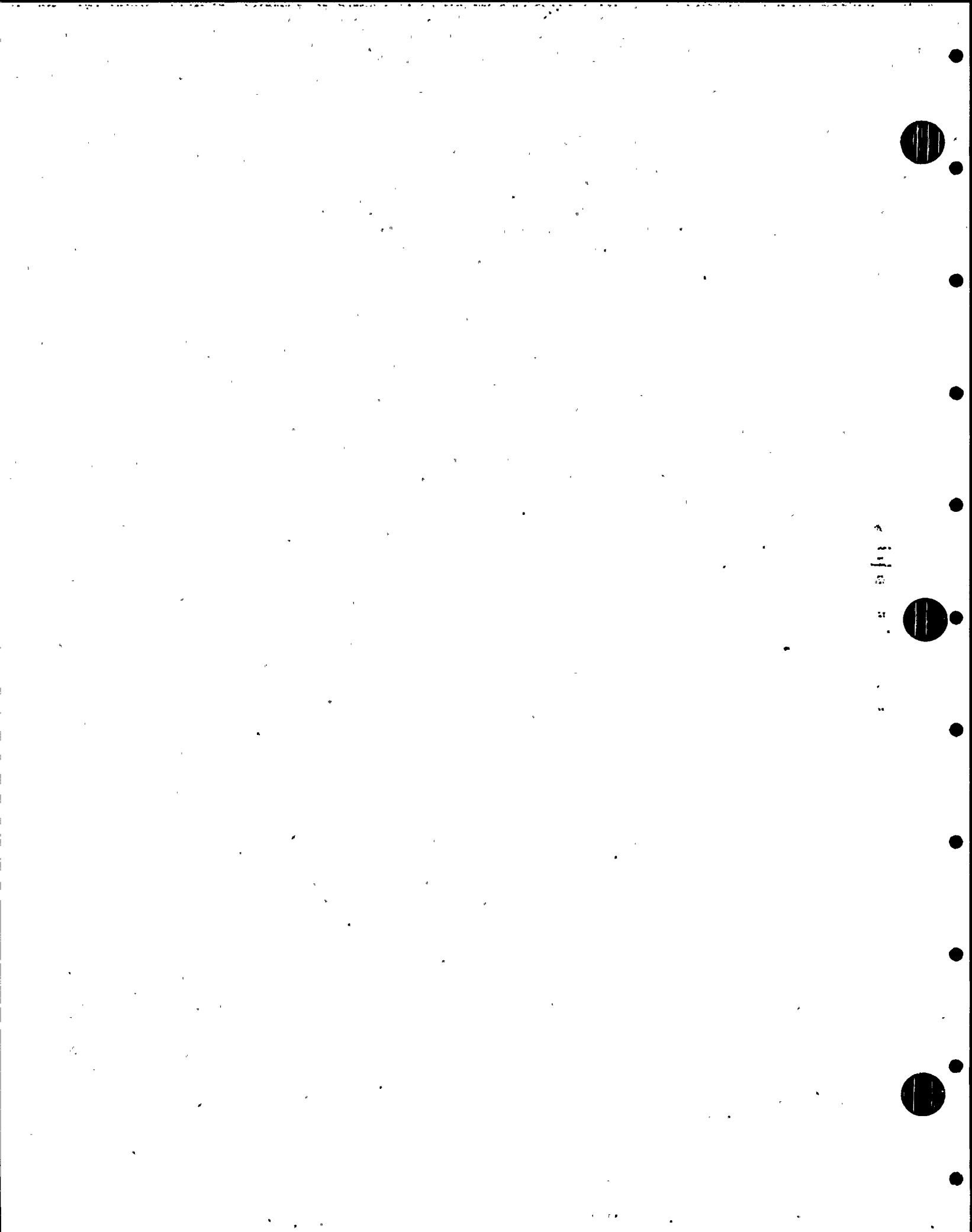
Part or Appurtenance Serial Number	National Board Number in Numerical Order
(26)	
(27)	
(28)	
(29)	
(30)	
(31)	
(32)	
(33)	
(34)	
(35)	
(36)	
(37)	
(38)	
(39)	
(40)	
(41)	
(42)	
(43)	
(44)	
(45)	
(46)	
(47)	
(48)	
(49)	
(50)	

10. In pressure N/A psi Temp. N/A °F Hydro. test pressure 155 at service °F

*Supplemental information in the form of test, sketches, or drawings may be used provided (1) they are 8 1/2 x 11, (2) information on pages 2 and 3 of this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/86)

This form (250042) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2900, Fairfield, NJ 07007 2000



ASME N° 729, 816, 788, 824, 782, 760, 762
Welding Shop
4/4/90
FORM NO. 1-1989
CERTIFICATE OF SHOP COMPLIANCE
FOR THE FABRICATION OF STEEL PARTS AND APPURTENANCES
IN ACCORDANCE WITH THE ASME CODE SECTION III

Not to Exceed One Day's Production
Design specifications certified by _____ P.E. State _____ Reg. no. _____
Design report* certified by _____ P.E. State _____ Reg. no. _____

PLAN NO. 2-0684

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this (these) _____ Part
conforms to the rules of construction of the ASME Code, Section III:

NPT Certificate of Authorization No. 1948 Expires 12-9-89
Date 4/4/89 Name Target Rock Corporation Signed E. Bajada
E. Bajada U.A. Manager

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of
New York and employed by Commercial Union Insurance Company
of Boston, MASS. have inspected these items described in this Data Report on 4/4/89 and state that to the
best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section
III. Each part listed has been authorized for stamping on the date shown above.

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

Date 4/4/89 Signed William A. Roland
NEW YORK STATE COMMISSION NO. 2288
COMMISSIONER OF LABOR



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0685

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, Washington

Date: 9/6/91

Sheet: 1 of 1

Unit: WNP-2

2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)

Address: Hanford Reservation, Benton County, Washington

3. (a) Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)

4. Identification of System: Instrument Line

5. (a) Applicable Construction Code ASME Section III Code Class 2, 1974 Edition with Winter 1975 Addenda,
Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
PI(1)-4S-X82b	JCI	PI(1)-4S-X82b	N/A	N/A	1983	Replacement	Yes, Code Class 2

7. Description of Work: Installed new nut for U bolt shown on support drawing B-220-X-82



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0685

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Quentin Guip

Signed by [Signature]

Plant Technical Manager

Date 9/12/91

Date 9-16-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 5/7/91 to 9/11/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9556W NBI

National Board, State, and Endorsements

Date 9/17/91



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0686

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, Washington
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)
4. Identification of System: Standby Liquid Control (SLC) System
5. (a) Applicable Construction Code ASME Section III Code Class 1, 1971 Edition with Winter 1972 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
SLC-V-4A	Conax	N/A	91	N/A	1975	Replacement	Yes, Code Class 1

7. Description of Work: Replaced parts for SLC-V-4A. The replacement work was performed as follows
- 1) Removed Trigger Body Assembly and Inlet Fitting from the valve
 - 2) Installed new replacement Trigger Body Assembly and Inlet Fitting in the valve
 - 3) Performed pressure test to confirm pressure boundary integrity. No evidence of leakage during pressure test



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0686

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐
Test Pressure: 1240/1025 Psig Test Temperature: 85° F/ambient
Component Design Pressure: 1400 Psig Temperature: 150° F

9. Remarks: See attached N-2 Code Data Reports for new replacement Trigger Body Assembly Serial No 3360 and Inlet Fitting Serial No 3364

- * 1240 Psig at 85° F pump side (inlet) flanged connection
- * 1025 Psig at ambient temperature RPV side (outlet) flanged connection

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable
Certificate Authorization No.: Not applicable
Expiration Date: Not Applicable

Prepared by Rudolph Eriq

Signed by

[Signature]
Plant Technical Manager

Date 10/15/91

Date

10-15-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 5/10/91 to 10/16/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9556 WA & NIS

National Board, State, and Endorsements

Date 10/16/91

**FORM N-2 N OR NPT CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES***

As Required by the Provisions of the ASME Code, Section III, Division 1
Not To Exceed One Day's Production

Pg. 1 of 1

1. Manufactured and certified by CONAX BUFFALO CORPORATION, 2300 WALDEN AVENUE, Cheektowaga, NY 14225
(name and address of certificate holder)

2. Manufactured for WASHINGTON PUBLIC POWER SUPPLY, RICHLAND, WA 99352 PLAN NO. 2-0686
(name and address of purchaser)

3. Location of installation WASHINGTON NUCLEAR POWER-2, RICHLAND, WA 99352 Lulaip Smith
(name and address)

4. Type N-20000 SA479 304SST 75KSI N/A 90
(drawing no.) (mat'l. spec. no.) (tensile strength) (CRN) (year built)

5. ASME Code, Section III: .77 S77 1 N/A
(edition) (addenda) (class) (Code Case no.)

6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision N/A Date _____
(No.)

7. Remarks: TRIGGER BODY SUB-ASSEMBLY FOR EXPLOSIVE ACTUATED VALVE REPLACEMENT KIT FOR
STANDBY LIQUID CONTROL SYSTEM. PRESSURE TESTED AT 2800 PSI FOR 10 MINUTES;
PARA. NB-2121(b) IS APPLICABLE TO RAM

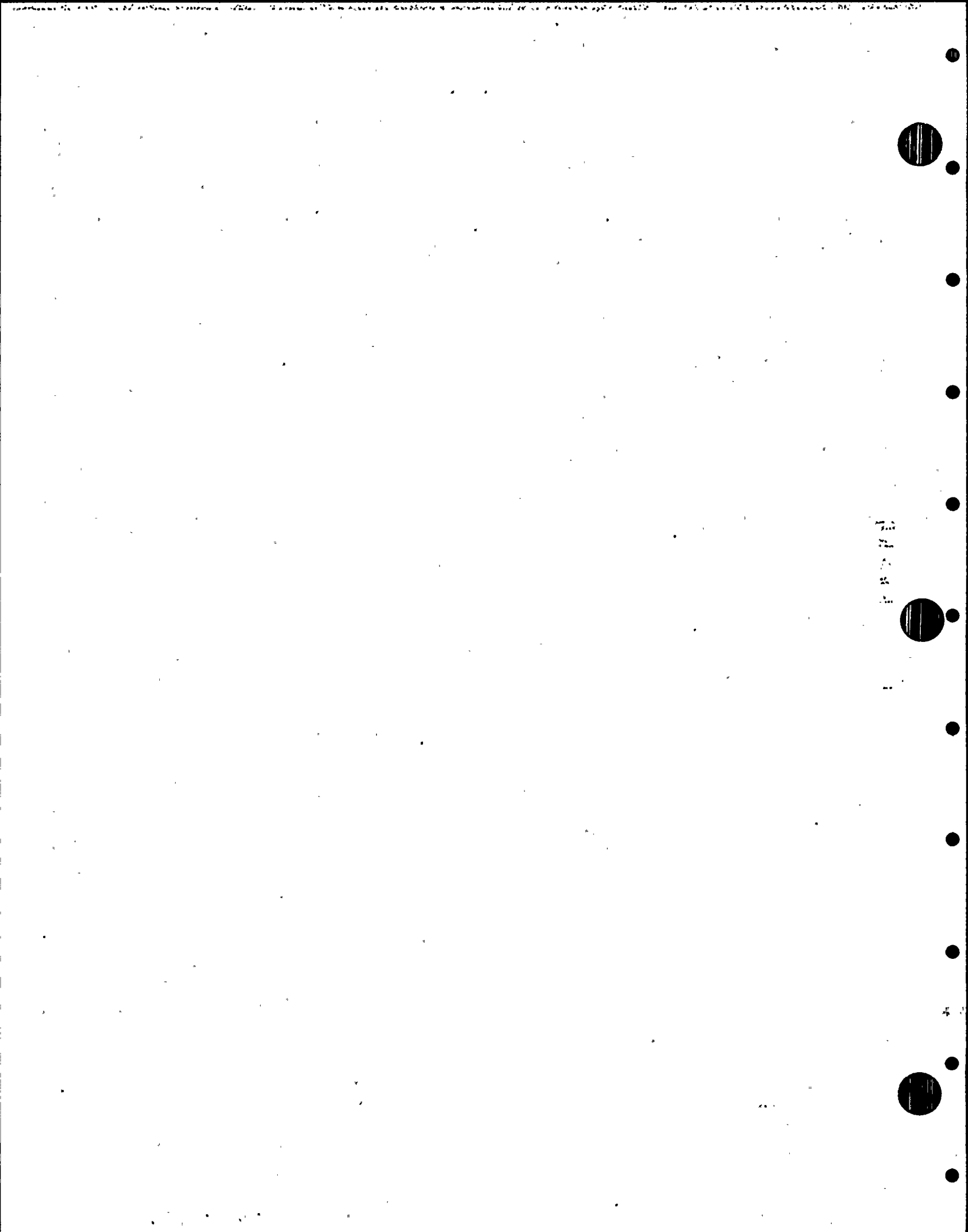
8. Nom. thickness (in.) *See #7 Min. design thickness (in.) _____ Dia. ID (ft. & in.) _____ Length overall (ft. & in.) _____

9. When applicable, Certificate Holders' data reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. In Numerical Order	Part or Appurtenance Serial Number	National Board Number In Numerical Order
(1) 3358 ✓	3358	(26)	
(2) 3359 ✓	3359	(27)	
(3) 3360 ✓	3360	(28)	
(4) 3361 ✓	3361	(29)	
(5)		(30)	
(6)		(31)	
(7)		(32)	
(8)		(33)	
(9)		(34)	
(10)		(35)	
(11)		(36)	
(12)		(37)	
(13)		(38)	
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	
(22)		(47)	
(23)		(48)	
(24)		(49)	
(25)		(50)	

Design pressure 1500 psi Temp. 150 °F. Hydro. test pressure *See #7 at temp. °F.
(when applicable)

*Supplemental information in form of lists, sketches or drawings may be used provided (1) size is 8 1/2 X 11, (2) information in items 2 and 3 on this data report is included on each sheet, (3) each sheet is numbered and number of sheets is recorded at top of this form, and (4) each additional sheet shall be signed by the Certificate Holder and the ANI.
(6/33)



Serial Nos: 3358, 3359, 3360 and 3361

FORM N-2 (back)

Culdrup & Sons
5/1/90.

CERTIFICATE OF DESIGN

PLAN NO. 2-0686.

Design specifications certified by George Ivo Skoda P. E. state CA Reg. no. 15647
Design report* certified by Francis J. Domino P. E. state NY Reg. no. 36832
(when applicable)

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Trigger Body Sub-Assembly conform to the rules of construction of the ASME Code, Section III.

ASME Certificate of Authorization no. N-1850 Expires September 2, 1992

Date 4-20-90 Name Coney Buffalo Corporation Signed James G. Schiavone
(NPT Certificate Holder) James G. Schiavone QA Mgr.

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or province of New York and employed by Hartford Steam Boiler Inspection and Insurance Co. of Hartford, Conn. have inspected these items described in this data report on 4-20-90 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this data report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 4-20-90 Signed Robert L. Brockman Commissions NB7754 N
(Authorized Inspector) (Nat'l. Bd. (incl. endorsements) state or prov. and no.)

FORM N-2 N OR NPT CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES*

As Required by the Provisions of the ASME Code, Section III, Division 1
Not To Exceed One Day's Production

PLAN NO. 2-0686
Catalip Swf
Pg 1 of 1 9/67

1. Manufactured and certified by CONAX BUFFALO CORPORATION, 2300 WALDEN AVENUE, Cheektowaga, NY 14225
(name and address of certificate holder)

2. Manufactured for WASHINGTON PUBLIC POWER SUPPLY, RICHLAND, WA 99352
(name and address of purchaser)

3. Location of installation WASHINGTON NUCLEAR POWER-2, RICHLAND, WA 99352
(name and address)

4. Type N38017 SA479 304SST 75KSI N/A 90
(drawing no.) (matl. spec. no.) (tensile strength) (CRN) (brinell)

5. ASME Code, Section III: 77 S77 1 N/A
(edition) (addenda) (class) (Code Case no.)

6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision N/A Date _____
(No.)

7. Remarks: INLET FITTING FOR EXPLOSIVE ACTUATED VALVE REPLACEMENT KIT FOR STANDBY.
LIQUID CONTROL SYSTEM

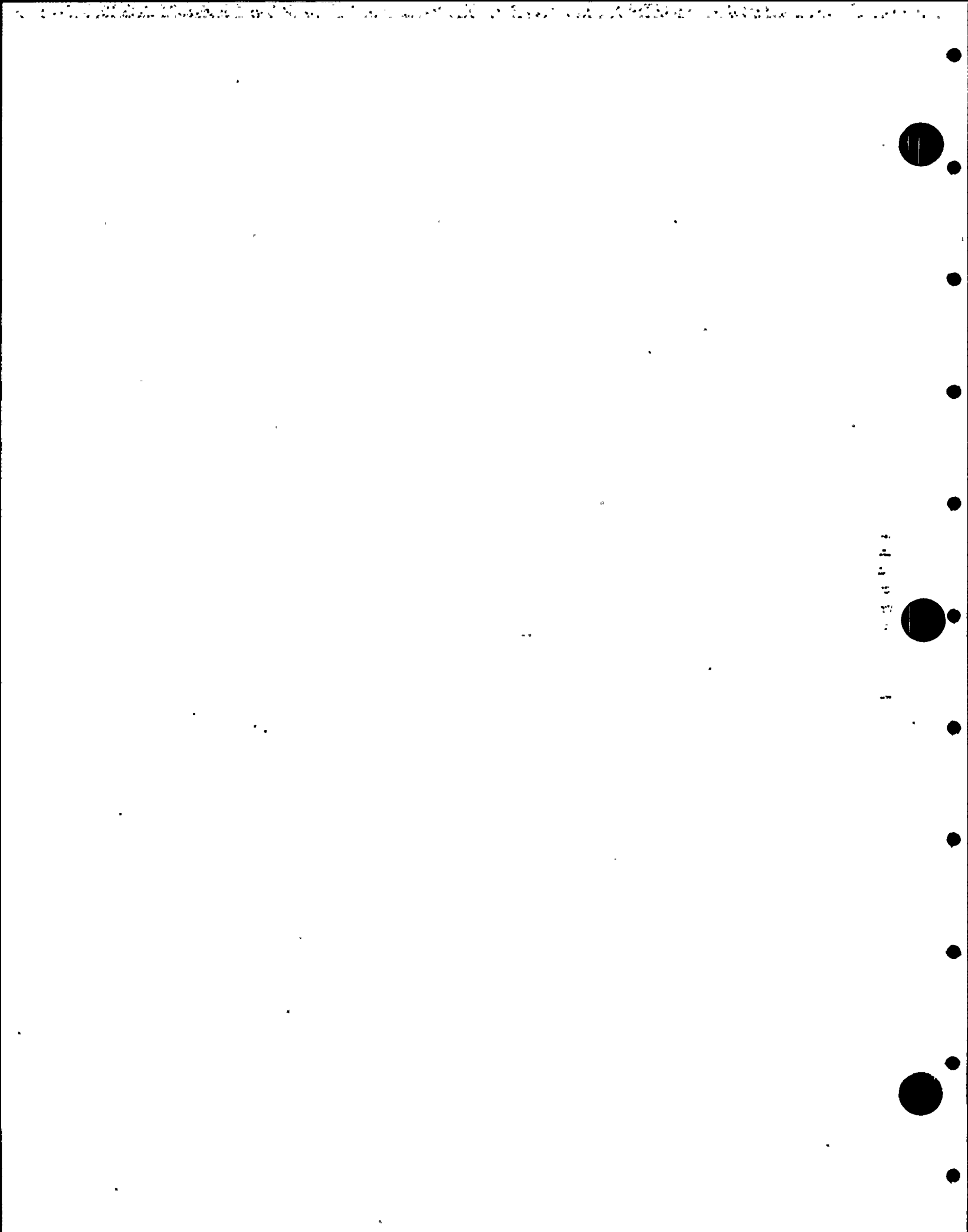
8. Nom. thickness (in.) .040 Min. design thickness (in.) .031 Dia. ID (ft. & in.) N/A Length overall (ft. & in.) N/A

9. When applicable, Certificate Holders' data reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. In Numerical Order	Part or Appurtenance Serial Number	National Board Number In Numerical Order
(1) 3362 ✓	3362	(26)	
(2) 3363 ✓	3363	(27)	
(3) 3364 ✓	3364	(28)	
(4) 3365 ✓	3365	(29)	
(5)		(30)	
(6)		(31)	
(7)		(32)	
(8)		(33)	
(9)		(34)	
(10)		(35)	
(11)		(36)	
(12)		(37)	
(13)		(38)	
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	
(22)		(47)	
(23)		(48)	
(24)		(49)	
(25)		(50)	

10. Design pressure 1500 psi Temp. 150 °F. Hydro. test pressure *See #7 at temp. °F.
(when applicable)

*Supplemental information in form of lists, sketches or drawings may be used provided (1) size is 8 1/2 X 11, (2) information in items 2 and 3 on this data report is included on each sheet, (3) each sheet is numbered and number of sheets is recorded at top of this form, and (4) each additional sheet shall be signed by the Certificate Holder and the ANI.
(5/83)
This form (E00040) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017



Serial No. 3362, 3363, 3364 and 3365

FORM N-2 (back)

Ruldip Eup's
5/1/90.

CERTIFICATE OF DESIGN

PLAN No. 2-0686

Design specifications certified by George Ivo Skoda P. E. state CA Reg. no. 15647

Design report* certified by Francis J. Domino P. E. state NY Reg. no. 36832
(when applicable)

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Trigger Body Sub-Assembly conform to the rules of construction of the ASME Code, Section III.

ASME Certificate of Authorization no. N-1850 Expires September 2, 1992

Date 4-20-90 Name Conax Buffalo Corporation Signed James G. Haver
(NPT Certificate Holder) James G. Haver, QA Mgr.

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or province of New York and employed by Hartford Steam Boiler Inspection and Insurance Co. of Hartford, Conn. have inspected these items described in this data report on 4-20-90 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this data report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 4-20-90 Signed Robert L. Harkins Commissions NB 2734 N
(Authorized Inspector) (Nat'l. Bd. (incl. endorsements) state or prov. and reg.)

Should be inlet fitting

Ruldip Eup's
5/1/90.

FORM NPV-1 (back)

PLAN No. 2-0694

Reading Sups

Mfr. Serial No. N/A

9/24/91

8. Remarks _____

9. Design conditions 45 psi 340 °F or valve pressure class N/A (1)

(pressure)

(temperature)

10. Cold working pressure 1545 psi at 100°F11. Hydrostatic test 2345 psi Temp. Ambient °F Disk differential test pressure _____ psi

CERTIFICATION OF DESIGN

Design Specification certified by Stanley Fox Prof. Eng. state WA Reg. No. 16168
Design Report certified by _____ Prof. Eng. state _____ Reg. No. _____

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III.

Certificate of Authorization No. 1947 Expires 12-12-92Date 4/20/91 Name Tarzet Rock Corporation
(IN Certificate Holder)Signed [Signature]
E. Bajada, Representative Manager

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of New York and employed by Commercial Union Ins. Co. of Boston, Mass. have inspected the pump, or valve, described in this Data Report on April 30 19 91, and state that to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date April 30 19 91[Signature]
(Inspector)Commissions NYS 2360
(Nat'l Bd., (incl. endorsements) State, Prov. and No.)



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, Washington
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Bechtel Construction, Inc., PO Box 600, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: C20069
4. Identification of System: High Pressure Core Spray (HPCS) System
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 8/28/91
Sheet: 1 of 1
Unit: WNP-2

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
HPCS(1)-4CL2	WPPSS	HPCS(1)-4CL2-P2	N/A	N/A	1983	Replacement	Yes, Code Class 2

7. Description of Work: Installed support plate for SEIS-TPA-2 on HPCS system. The installation work was performed as follows
- 1) Installed new support plate
 - 2) Made required welds
 - 3) Performed MT examinations on the final welds. MT examination results acceptable



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0695

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: P_{sig} Test Temperature: °F
Component Design Pressure: P_{sig} Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Rudolph Scurb

Signed by [Signature]

Plant Technical Manager

Date 8/28/91

Date 8-28-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 5/23/91 to 8/28/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions 9556 W NBI

National Board, State, and Endorsements

Date 8/28/91



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0696

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, Washington
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Bechtel Construction, Inc, PO Box 600, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: C20069
4. Identification of System: Service Water (SW) System
5. (a) Applicable Construction Code ASME Section III Code Class 3, 1974 Edition with Winter 1976 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
SW(21)-2-1 SW(22)-2-1	BF Shaw BF Shaw	SW(21)-2-1 SW(22)-2-1	N/A N/A	N/A N/A	1978 1978	Replacement Replacement	Yes, Code Class 3 Yes, Code Class 3

7. Description of Work: Fabricated (reworked) removable cross tie spool piece previously fabricated under ASME Section XI Plan No 2-0850. The work was performed as follows
- 1) Cut existing welds and saved the flanges for reuse
 - 2) Assembled new pipe and existing flange material
 - 3) Made required circumferential butt welds
 - 4) Performed MT examination on the final circumferential butt welds. MT examination results acceptable
 - 5) Performed hydrostatic test on circumferential butt welds to confirm pressure boundary integrity. No evidence of leakage during hydrostatic test
 - 6) Stored removable cross tie spool piece for future use



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0696

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐
Test Pressure: 350 Psig Test Temperature: 71.2 °F
Component Design Pressure: 309 Psig Temperature: 150 °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Rudolf Supb Signed by [Signature]
Date 6/27/91 Date 6-27-91
Plant Technical Manager

CERTIFICATE OF INSERVICE INSPECTION.

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 5/16/91 to 6/28/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 9556 W NBI
Inspector's Signature National Board, State, and Endorsements

Date 6/28/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, Washington
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)
4. Identification of System: Control Rod Drive (CRD) System
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
CRD-V-102A	Dragon	DL10061	N/A	N/A	1977	Replacement	Yes, Code Class 2
CRD-V-102A	Dragon	DL10021	N/A	N/A	1977	Replacement	Yes, Code Class 2
CRD-V-102A	Dragon	DL10072	N/A	N/A	1977	Replacement	Yes, Code Class 2
CRD-V-102A	Dragon	DL10006	N/A	N/A	1977	Replacement	Yes, Code Class 2
CRD-V-102A	Dragon	DL10188	N/A	N/A	1977	Replacement	Yes, Code Class 2
CRD-V-102A	Dragon	DL10171	N/A	N/A	1977	Replacement	Yes, Code Class 2
CRD-V-102A	Dragon	DL10048	N/A	N/A	1977	Replacement	Yes, Code Class 2

7. Description of Work: Replaced (installed) missing valve plugs for the above listed valves



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0697

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure.. ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: See attached N-2 Code Data Report for the new plugs, Part No 247441N5, Heat No 66016

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudolph Rupp's

Signed by

[Signature]

Plant Technical Manager

Date

8/28/91

Date

8-28-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 5/24/91 to 8/22/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]

Inspector's Signature

Commissions

9556 W. NBI

National Board, State, and Endorsements

Date

8/28/91

PLAN NO. 2-0697

146

Kularp Sup
8/26/79

1. (a) Manufactured by Dragon Valves, Inc., 13457 Excelsior Dr., Norwalk, CA 90650
(Name and address of NPT Certificate Holder)
(b) Manufactured for General Electric Co., P. O. Box 248, Richland, WA 99352
(Name and address of N Certificate Holder for completed nuclear component)
2. Identification-Certificate Holder's Serial No. of Part See remarks Nat'l Bd. No. _____
- (a) Constructed According to Drawing No. 10649-N15436 Drawing Prepared by Dragon Valves, Inc.
(b) Description of Part Inspected Plug, Part Number 24-7441-N5
(c) Applicable ASME Code: Section III, Edition 1971, Addenda date 12-31-73, Case No. _____ Class 2
3. Remarks: Plug, Part Number 24-7441-N5. Material: ASME SA479 TY316, Heat No. 66016.
(Brief description of service for which component was designed)

Matl: Joslyn Stainless Steel. Identification: Color-code: GREEN (marked on each
part) For replacement on Control Rod Drive Vent Valve, Dragon Valves, Inc. Part

Number 10649-5 and 10649-3

Culdris Swire 415191

We certify that the statements made in this report are correct and this vessel part or appurtenance as defined in the Code conforms to the rules of construction of the ASME Code Section III.
(The applicable Design Specification and Stress Report are not the responsibility of the NPT Certificate Holder for parts. An NPT Certificate Holder for appurtenances is responsible for furnishing a separate Design Specification and Stress Report if the appurtenance is not included in the component Design Specification and Stress Report.)

Date February 26, 1979 Signed DRAGON VALVES, INC. By [Signature]

(NPT Certificate Holder)

Certificate of Authorization Expires May 6, 1981 Certificate of Authorization No. N-1034

CERTIFICATION OF DESIGN FOR APPURTENANCE (when applicable)

Design information on file at <u>General Electric Co.</u>	Spec No. <u>2908-215</u>
Stress analysis report on file at <u>not required</u>	Section No. <u>15F; 15M</u>
Design specifications certified by <u>David J. Murphy</u>	Part No. <u>3.9.3.7; 3.9.3.14</u> Prof. Eng. State <u>WA</u> Reg. No. <u>12542</u>
Stress analysis report certified by <u>not applicable</u>	Prof. Eng. State _____ Reg. No. _____

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of CALIFORNIA and employed by Division of Industrial Safety of State of California have inspected the part of a pressure vessel described in this Partial Data Report on 2-27-1979 and state that to the best of my knowledge and belief, the NPT Certificate Holder has constructed this part in accordance with the ASME Code Section III.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the part described in this Partial Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

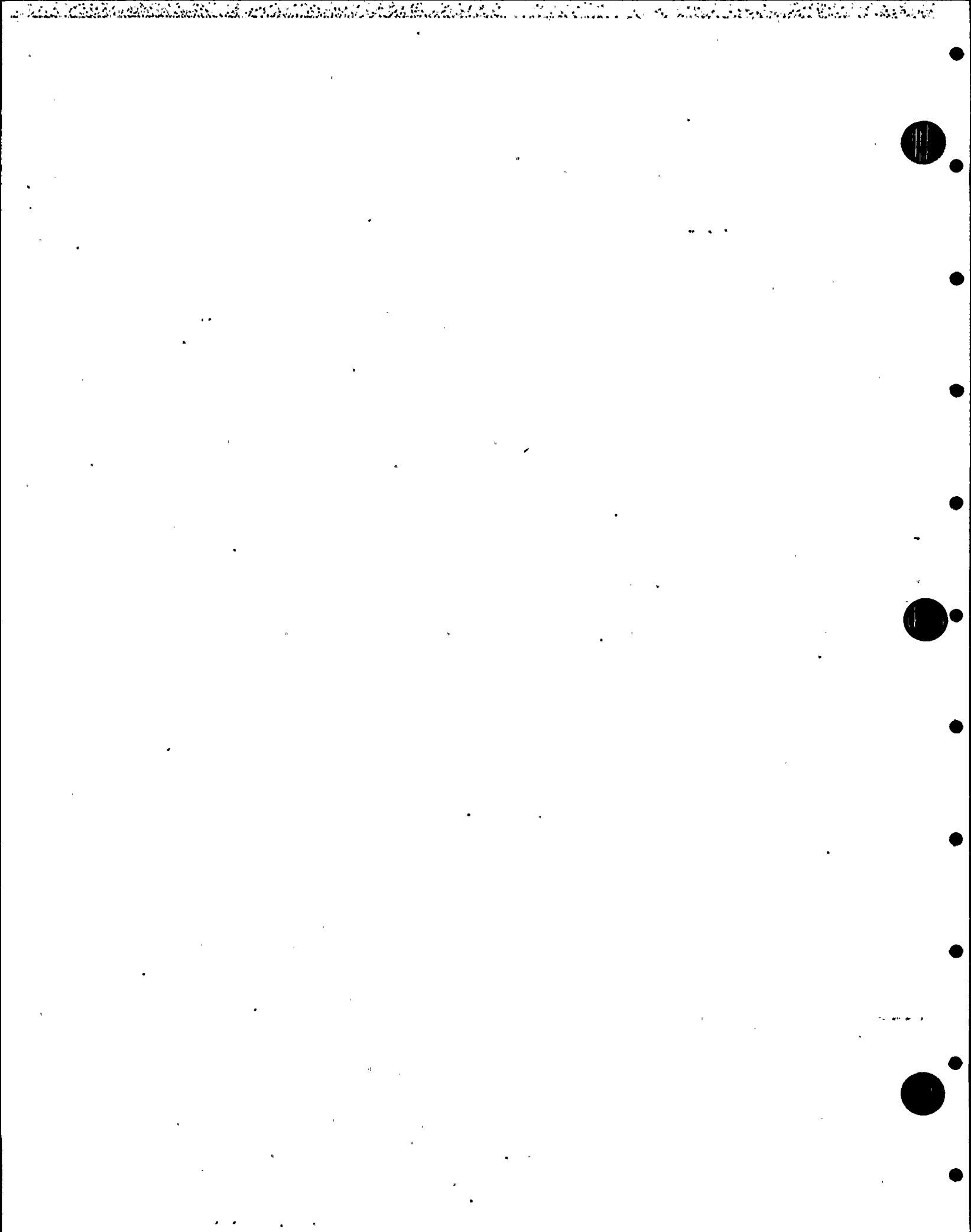
Date 2-27-1979

Commissions Cal-857

Inspector's Signature [Signature]

National Board, State, Province and No. _____

* Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 14" x 11" (2) information is itemized on this Data Report in the back of each sheet, and (3) each sheet is numbered and number of sheets is recorded on sheet 2.





FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, Washington
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)
4. Identification of System: Main Steam (MS) System
5. (a) Applicable Construction Code ASME Section III Code Class 1, 1971 Edition with Summer 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 10/15/91

Sheet: 1 of 1

Unit: WNP-2

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
MS-V-16	Velan	54	N/A	N/A	1975	Replacement	Yes, Code Class 1

7. Description of Work: Replaced wedge for valve MS-V-16. The replacement work was performed as follows
- 1) Machined seating surface (hardfaced - stellite) on the new wedge
 - 2) Performed PT examination on the machined surface of the wedge. PT examination results acceptable
 - 3) Installed new wedge in the valve
 - 4) Performed pressure test to confirm pressure boundary integrity. No evidence of leakage during pressure test



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0699

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐
Test Pressure: 960 Psig Test Temperature: Saturated Temperature
Component Design Pressure: 1250 Psig Temperature: 575° F

9. Remarks: See attached N-2 Code Data Report for new wedge Serial No 3620

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Dwight Smith

Signed by [Signature]

Plant Technical Manager

Date 10/15/91

Date 10-16-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 5/24/91 to 10/16/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions 9556W NBI

National Board, State, and Endorsements

Date 10/16/91

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES*
As Required by the Provisions of the ASME Code, Section III
Not to Exceed One Day's Production

PLAN No. 2-0699
Rulap Sup 5 7/2
S 912322
Pg. 1 of 2

1. Manufactured and certified by VELAN INC. 550 McArthur Street, Montréal, Quebec H4T 1X8 CANADA
(name and address of NPT Certificate Holder)
P2-76468-NSP ITEM-5B
2. Manufactured for WASHINGTON PUBLIC POWER SUPPLY P.O. BOX 968 RICHLAND, WA 99352 USA
(name and address of Purchaser)
#217705
3. Location of installation WASH. PUB. PWR SUPPLY SYSTEM: WNP-2 OPS NORTH POWER PLANT LOOP WA USA
(name and address)
4. Type: P2-3311-N2 /E SA-216 WCB 75,500 PSI N/A 1991
(drawing no.) (mat'l. spec. no.) (tensile strength) (CRN) (year built)
5. ASME Code, Section III, Division 1: 1971 SUMMER '73 N-CLASS 1 N/A
(edition) (addenda date) (class) (Code Case no.)
6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision N/A Date N/A
(no.)
7. Remarks: MAT'L SPEC. TO ASME SECTION-II PART-A CODE EDITION 1986 ADDENDA: NONE

SA-216 WCB HEAT NO. 920N

SPARE PART: 3"-900 LBS. WEDGE

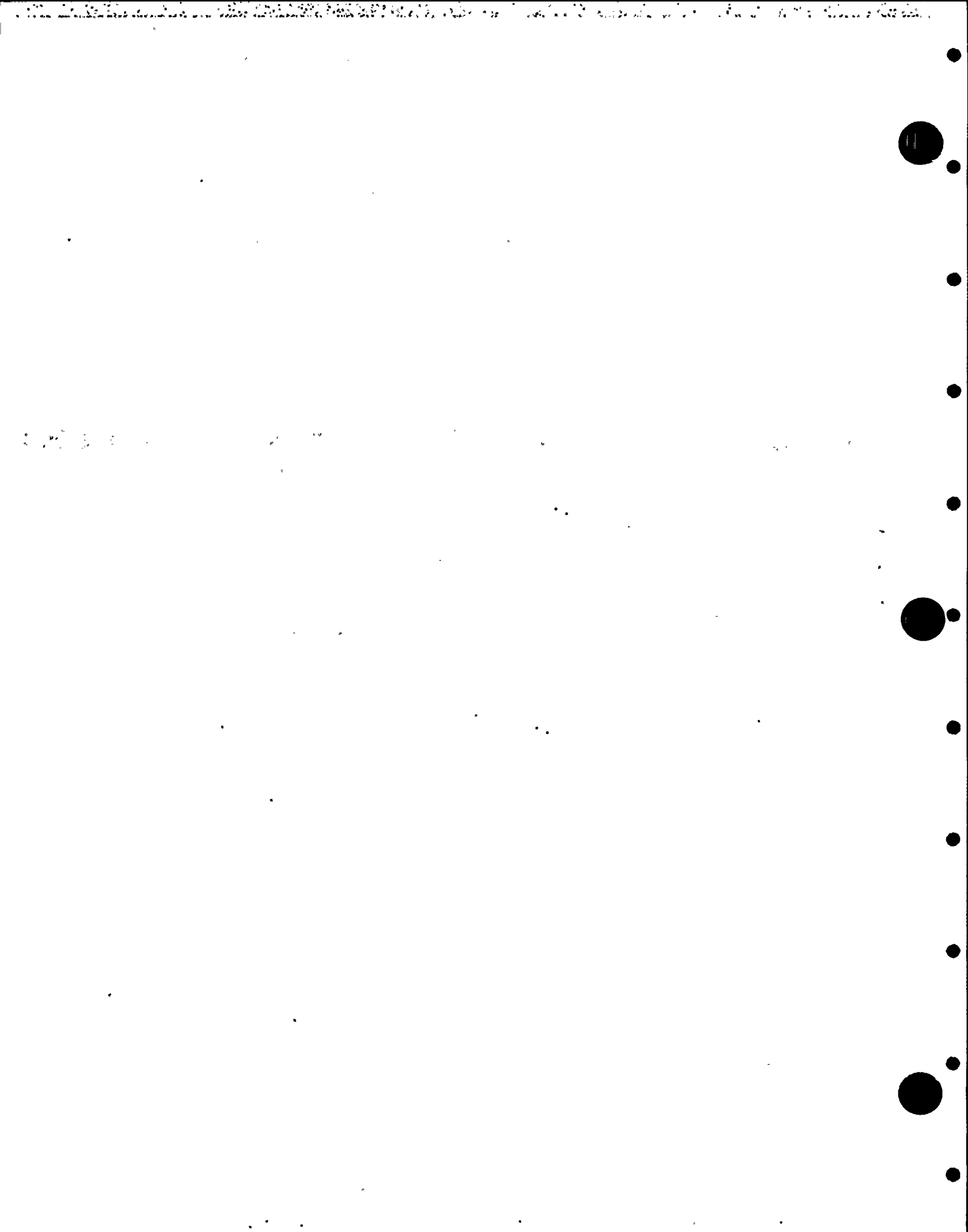
8. Nom. thickness (in.) --- Min. design thickness (in.) --- Dia. ID (ft & in.) --- Length overall (ft & in.) ---
9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) WEDGE SN: #3620	N/A
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
(10)	
(11)	
(12)	
(13)	
(14)	
(15)	
(16)	
(17)	
(18)	
(19)	
(20)	
(21)	
(22)	
(23)	
(24)	
(25)	

Part or Appurtenance Serial Number	National Board No. in Numerical Order
(26)	
(27)	
(28)	
(29)	
(30)	
(31)	
(32)	
(33)	
(34)	
(35)	
(36)	
(37)	
(38)	
(39)	
(40)	
(41)	
(42)	
(43)	
(44)	
(45)	
(46)	VERIFIED & ACCEPTED <u>R. J. Baker</u>
(47)	REC. INSPECTOR
(48)	LEVEL <u>B</u> DATE <u>5-23-71</u>
(49)	
(50)	

10. Design pressure 1250 psig psi. Temp. 575 °F. Hydro. test pressure N/A at temp. °F
(when applicable)

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



Certificate Holder's Serial Nos. WEDGE SN: #3620 through —

CERTIFICATION OF DESIGN

Design specifications certified by N/A P.E. State — Reg. no. —
(when applicable)

Design report* certified by N/A P.E. State — Reg. no. —
(when applicable)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) 3" WEDGE
conforms to the rules of construction of the ASME Code, Section III, Division 1.

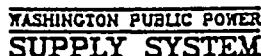
NPT Certificate of Authorization No. N-2798-2 (NPT) Expires 2 MAY 1992
Date 21 MAY / 91 Name VELAN INC. Signed E.C. BUGUIS
(NPT Certificate Holder) (authorized representative)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Quebec and employed by Provincie of Quebec have inspected these items described in this Data Report on 91-05-21, and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III, Division 1. Each part listed has been authorized for stamping on the date shown above.

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

Date 91-05-21 Signed [Signature] Commissions (11)
(Authorized Inspector) (Nat'l. Bd. (incl. endorsements) and state or prov. and no.)



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS) Date: 8/21/91
Address: 3000 George Washington Way, Richland, Washington Sheet: 1 of 1
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP) Unit: WNP-2
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)
4. Identification of System: High Pressure Core Spray (HPCS) System
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
HPCS(1)-4CL2	WPPSS	HPCS(1)-4CL2-P1	N/A	N/A	1983	Repair	Yes, Code Class 2

7. Description of Work: Drain connection with valves HPCS-V-62 and HPCS-V-70 was repaired (modified). The work was performed as follows
- 1) Beveled existing sockolet socket end for butt welding
 - 2) Beveled existing valve socket end for butt welding
 - 3) Installed vent connection assembly
 - 4) Made required circumferential butt weld
 - 5) Performed RT examination on the final circumferential butt weld. RT examination results acceptable



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0700

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure: ☐ Other ☒ None
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Rudolph Singh Signed by [Signature]
Date 8/28/91 Date 8-28-91
Plant Technical Manager

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 5/22/91 to 8/23/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 9556 W NBI
Inspector's Signature National Board, State, and Endorsements

Date 8/28/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS) Date: 9/13/91
Address: 3000 George Washington Way, Richland, Washington Sheet: 1 of 1
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP) Unit: WNP-2
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)
4. Identification of System: Reactor Water Cleanup (RWCU) System
5. (a) Applicable Construction Code ASME Section III Code Class 3, 1971 Edition with Winter 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
RWCU(1)-4	WPPSS	RWCU(1)-P2	N/A	N/A	1983	Repair	Yes, Code Class 3

7. Description of Work: Seal welded pipe plug to flange threaded joint for RWCU-FE-N040



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0702

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Rudip Singh Signed by [Signature]
Date 9/13/91 Date 9-16-91
Plant Technical Manager

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 6/5/91 to 9/16/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 9556 W NBI
Inspector's Signature National Board, State, and Endorsements

Date 9/17/91



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0703

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, Washington
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)
4. Identification of System: Main Steam (MS) System
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
MS-TK-2C	Jet Air	N 133	N/A	N/A	1980	Replacement	Yes, Code Class 2

7. Description of Work: Install new plug at the tank bottom threaded connection. Performed pressure test to confirm pressure boundary integrity. No evidence of leakage during pressure test



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0703

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐
Test Pressure: 104 Psig Test Temperature: 72° F
Component Design Pressure: 300 Psig Temperature: 340° F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Rudolph Smith Signed by [Signature]
Date 10/15/91 Date 10-12-91
Plant Technical Manager

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 5/29/91 to 9/11/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 9556W NBI
Inspector's Signature National Board, State, and Endorsements
Date 10/16/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, Washington
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)
4. Identification of System: Reactor Recirculation Cooling (RRC) System
5. (a) Applicable Construction Code ASME Section III Code Class 1, 1971 Edition with Winter 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
B35-G001A	WPPSS	B35-G001A-P1	N/A	N/A	1983	Replacement	Yes, Code Class 1

7. Description of Work: Replaced decontamination blind flange for RRC-P-1A pump discharge. The replacement work was performed as follows

- 1) Removed existing blind flange and installed new blind flange
- 2) Performed pressure test on the flanged joint to confirm pressure boundary integrity. No evidence of leakage during pressure test



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0705

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐

Test Pressure: 960 Psig

Test Temperature: 535° F

Component Design Pressure: 1650 Psig

Temperature: 575° F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Paul Dip Singh Signed by [Signature]

Plant Technical Manager

Date 11/14/91 Date 11-18-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 6/12/91 to 11/15/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 9556W NBI
Inspector's Signature National Board, State, and Endorsements

Date 11/19/91



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0706

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS) Date: 9/8/91
Address: 3000 George Washington Way, Richland, Washington Sheet: 1 of 1
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP) Unit: WNP-2
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)
4. Identification of System: Containment Instrument Air (CIA) System
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
CIA-V-66B	Borg Warner	25902	N/A	N/A	1977	Repair	Yes, Code Class 2

7. Description of Work: Performed work on valve CIA-V-66B. The work was performed as follows
- 1) Cut body to bonnet seal weld
 - 2) Removed valve internals for troubleshooting
 - 3) Reinstalled valve internals
 - 4) Installed bonnet into valve body and torqued it to the required torque value
 - 5) Made body to bonnet seal weld
 - 6) Performed PT examination on the final seal weld. PT examination results acceptable



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0706

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by: Paulip Eupb Signed by: [Signature]
Date: 9/12/91 Date: 9-16-91
Plant Technical Manager

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 6/20/91 to 9/13/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 9556 W. NBI
Inspector's Signature National Board, State, and Endorsements

Date 9/17/91



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0707

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, Washington
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)
4. Identification of System: Containment Instrument Air (CIA) System
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
CIA-V-58B	Borg Warner	25898	N/A	N/A	1977	Repair	Yes, Code Class 2

7. Description of Work: Performed work on valve CIA-V-58B. The work was performed as follows
- 1) Cut body to bonnet seal weld
 - 2) Removed valve internals for troubleshooting
 - 3) Reinstalled valve internals
 - 4) Installed bonnet into valve body and torqued it to the required torque value
 - 5) Made body to bonnet seal weld
 - 6) Performed PT examination on the final seal weld. PT examination results acceptable



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0707

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Rudip Supb Signed by [Signature]

Date 9/12/91 Date 9-16-91
Plant Technical Manager

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 6/20/91 to 9/13/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 9556 W NBZ
Inspector's Signature National Board, State, and Endorsements

Date 9/17/91



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0708

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS) Date: 9/6/91
Address: 3000 George Washington Way, Richland, Washington Sheet: 1 of 1
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP) Unit: WNP-2
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)
4. Identification of System: Containment Instrument Air (CIA) System
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
CIA-V-53B	Borg Warner	25911	N/A	N/A	1977	Repair	Yes, Code Class 2

7. Description of Work: Performed work on valve CIA-V-53B. The work was performed as follows
- 1) Cut body to bonnet seal weld
 - 2) Removed valve internals for troubleshooting
 - 3) Reinstalled valve internals
 - 4) Installed bonnet into valve body and torqued it to the required torque value
 - 5) Made body to bonnet seal weld
 - 6) Performed PT examination on the final seal weld. PT examination results acceptable



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0708

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Pslg

Test Temperature: °F

Component Design Pressure: Pslg

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by: P. J. J. J. J.

Signed by: [Signature]

Plant Technical Manager

Date: 9/12/91

Date: 9-16-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 6/20/91 to 9/13/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions 9556 W NBI

National Board, State, and Endorsements

Date: 9/17/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS) Date: 9/24/91
Address: 3000 George Washington Way, Richland, Washington Sheet: 1 of 1
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP) Unit: WNP-2
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)
4. Identification of System: Containment Instrument Air (CIA) System
5. (a) Applicable Construction Code ASME Section III Code Class 3, 1971 Edition with Winter 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
CIA(5)-JA	WPPSS	CIA(5)-JA-P1	N/A	N/A	1983	Replacement	Yes, Code Class 3

7. Description of Work: Replaced valve CIA-V-733A. The replacement work was performed as follows
- 1) Cut socket welds and removed existing valve
 - 2) Installed new valve
 - 3) Made required socket welds
 - 4) Performed PT examination on the final socket welds. PT examination results acceptable



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0709

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: See attached NPV-1 Code Data Report for the new valve Serial No PB 1017

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Dwain L. Smith Signed by [Signature]
Date 9/24/91 Date 9-24-91
Plant Technical Manager

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 7/2/91 to 9/24/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 9556 W NBI
Inspector's Signature National Board, State, and Endorsements

Date 9/24/91

DATA REPORT

ASME NUCLEAR PUMP AND VALVE CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES 1 of 2
As Required by the Provisions of the ASME Code, Section M, Div. 1

1. Manufactured by Dragon Valves, Inc., 11511 Encalator Dr., Norwalk, CA 90650
(Name and Address of Manufacturer)
2. Manufactured for WREES, 3000 Georgia Washington Way, Richmond, VA 23132-0368
(Name and Address of Purchaser or User)
3. Location of Installation WTH-2 Plant, Richmond, VA 23132
(Name and Address)

4. Pump or Valve Valve Nominal Inlet Size 1/2 inch Outlet Size 1/2 inch

5a) Model No. 1b) N Certificate Holder's Serial No. 1c) Connection Registration No. 1d) Drawing No. 1e) Material Spec. No. 1f) Year Made

1a) 1017N0172W2 1b) PB1001 1c) None 1d) 12717 1e) 2 1f) None 1981

1g) 1h) 1i) 1j) 1k) 1l) 1m) 1n) 1o) 1p) 1q) 1r) 1s) 1t) 1u) 1v) 1w) 1x) 1y) 1z)

OTA-V-733A, SERIAL NO. PB1017

6. Instrument Shut-off and Drain Valves (25 Pcs.)
Brief description of service for which equipment was designed

7. Design Conditions Pressure 1000 psi Temperature 7 or Valve Pressure Class 3100 (1)
8. Cold Working Process 1000 psi at 100°F.
9. Pressure Relieving Process

Mark No	Material Spec. No	Manufacturer	Remarks
1a) Castings <u>None</u>			
1b)			
1c)			
1d)			
1e)			
1f)			
1g)			
1h)			
1i)			
1j)			
1k)			
1l)			
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1n)			
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1p)			
1q)			
1r)			
1s)			
1t)			
1u)			
1v)			
1w)			
1x)			
1y)			
1z)			

(1) For manually operated valves only

* Supplemental sheets in form of tab, sketches or drawings may be used provided (1) size is 8 1/2" x 11", (2) information on items 1, 2 and 3 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form

(10/11) This form (10/11) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

PB1011

PLAN NO. 2-0709

Rulair

9/24/71

Mark No	Material Spec. No	Manufacturer	Remarks
1a) Castings <u>None</u>			
1b)			
1c)			
1d)			
1e)			
1f)			
1g)			
1h)			
1i)			
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1z)			

10. Materials 3000 psi Dist. Differential and pressure 1000 psi

ADDENDUM 6/30/76
CERTIFICATE OF COMPLIANCE
We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section M, Div. 1, Edition 1-2, 1971.
Signed DRAGON VALVES, INC. by [Signature]
Our ASME Certificate of Authorization No. N-1033 is used on the [Symbol] symbol number 3-6-81

CERTIFICATION OF DESIGN
Design Information on file at Washington Public Power Supply System
Stress analysis report (Class 1 only) on file at not applicable
Design specifications certified by (1) Shafik H. Rifcoy
PE State WA Reg. No. 12676
Stress analysis certified by (1) not required
PE State WA Reg. No. 12676
(1) Signature not required (1st name only)

CERTIFICATE OF SHOP INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of CALIFORNIA and employed by DOJH
at CALIFORNIA have inspected the pump, or valve, described in this Data Report on May 16, 1971, and state that to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section M.
By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
Date 5-16-71
Inspector [Signature] Commission 64655
(Must be, State, Date and No.)

DEOJTEL
320

V-MNR-14004

PAGE 36 of 48



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS) Date: 9/27/91
Address: 3000 George Washington Way, Richland, Washington Sheet: 1 of 1
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP) Unit: WNP-2
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)
4. Identification of System: Residual Heat Removal (RHR) System
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
RHR(1)-2B	WPPSS	RHR(1)-2B-P1	N/A	N/A	1984	Repair	Yes, Code Class 2

7. Description of Work: Increased a low spot in socket weld between valve RHR-V-175B and pipe nipple from 1/8" to 3/16" by welding. Performed PT examination on the weld built up area. PT examination results acceptable



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0710

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Rudip Suid Signed by [Signature]

Plant Technical Manager

Date 10/25/91 Date 10-28-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 8/7/91 to 10/31/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 9556W NBI
Inspector's Signature National Board, State, and Endorsements

Date 10/31/91



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0711

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, Washington
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)
4. Identification of System: Residual Heat Removal (RHR) System
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
RHR(1)-2C	WPPSS	RHR(1)-2C-P1	N/A	N/A	1983	Replacement	Yes, Code Class 2

7. Description of Work: Installed threaded pipe cap on 3/4" connection located at elevation 428'-7 5/8" shown on drawing RHR-897-1.2



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0711

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Quaid Kemp Signed by [Signature]
Date 10/7/91 Date 10-8-91
Plant Technical Manager

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 7/30/91 to 10/8/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 9556 W NBI
Inspector's Signature National Board, State, and Endorsements
Date 10/9/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, Washington
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)
4. Identification of System: Instrument Line
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1974 Edition with Winter 1975 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
PI-V-X269	Target Rock	14	N/A	N/A	1980	Repair/ Replacement	Yes, Code Class 2

7. Description of Work: Performed work on valve PI-V-X269 . The work was performed as follows

- 1) Cut body to bonnet seal weld
- 2) Removed valve internals for troubleshooting
- 3) Reinstalled valve internals and installed new disc
- 4) Installed bonnet into valve body and torqued it to the required torque value
- 5) Made body to bonnet seal weld
- 6) Performed PT examination on the final seal weld. PT examination results not acceptable
- 7) Removed unacceptable PT indication
- 8) Performed PT examination on the cavity. PT examination results acceptable
- 9) Built up the cavity by welding
- 10) Performed PT examination on the weld built up area. PT examination results acceptable



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0715

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: See attached N-2 Code Data Report for the new disc Serial No 816

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair/replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Rudip Sumb Signed by [Signature]
Date 9/27/91 Date 10/3/91
Plant Technical Manager

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 7/29/91 to 9/30/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 9556 IN NBI
Inspector's Signature National Board, State, and Endorsements

Date 10/3/91

FORM N-1 CERTIFICATE HOLDER'S DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES*

As Required by the Provisions of the ASME Code, Section III

Not To Exceed One Day's Production

PLAN NO. 2-0715

Quidip Supb

9/27/91

Page 1 of 1

1. Manufactured and certified by Target Rock Corp., 1965E Broadhollow Rd, E. Farmingdale, NY 11735
2. Manufactured for Washington Public Power Supply System, Richland, WA
3. Location of installation Washington Nuclear Plant 2, Richland, WA
4. Type 202537-1 Rev. E SA-479 316 75 XSI N/A 1989
5. ASME Code, Section III: 1974 M 75 2 N/A
6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision N/A Date N/A
7. Remarks: Spare Parts for a completed valve, Models 79TT-001, 83TT-001

8. Nom. thickness (in.) N/A Min. design thickness (in.) N/A Dia. ID (ft & in.) N/A Length overall (ft & in.) N/A
9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) 779	N/A
(2) 816	N/A
(3) 788	N/A
(4) 824	N/A
(5) 782	N/A
(6) 760	N/A
(7) 762	N/A
(8) N/A	N/A
(9)	
(10)	
(11)	
(12)	
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(15)	
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(17)	
(18)	
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(22)	
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(24)	
(25)	

Part or Appurtenance Serial Number	National Board Number in Numerical Order
(26)	
(27)	
(28)	
(29)	
(30)	
(31)	
(32)	
(33)	
(34)	
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(41)	
(42)	
(43)	
(44)	
(45)	
(46)	
(47)	
(48)	
(49)	
(50)	

Design pressure N/A Temp. N/A Hydro. test pressure N/A

*When applicable, drawings of parts, sketches, or drawings may be used provided they are clearly identified and the number of sheets is recorded at the top of the first sheet.

This form (10040) shall be obtained from the Order Dept., ASME, 22 Law Drive, Fairfield, CT 06424.

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N 3 779, 816, 788, 824, 782, 760, 762
FOR A CERTIFICATE OF SHOP COMPLIANCE
NUCLEAR PARTS AND APPURTENANCES
See Front

4/4/90
Rudolph Sup's

PLAN. NO. 2-0715

Design specifications certified by _____ P.E. State _____ Reg. no. _____
Design report* certified by _____ P.E. State _____ Reg. no. _____

CERTIFICATE OF SHOP COMPLIANCE

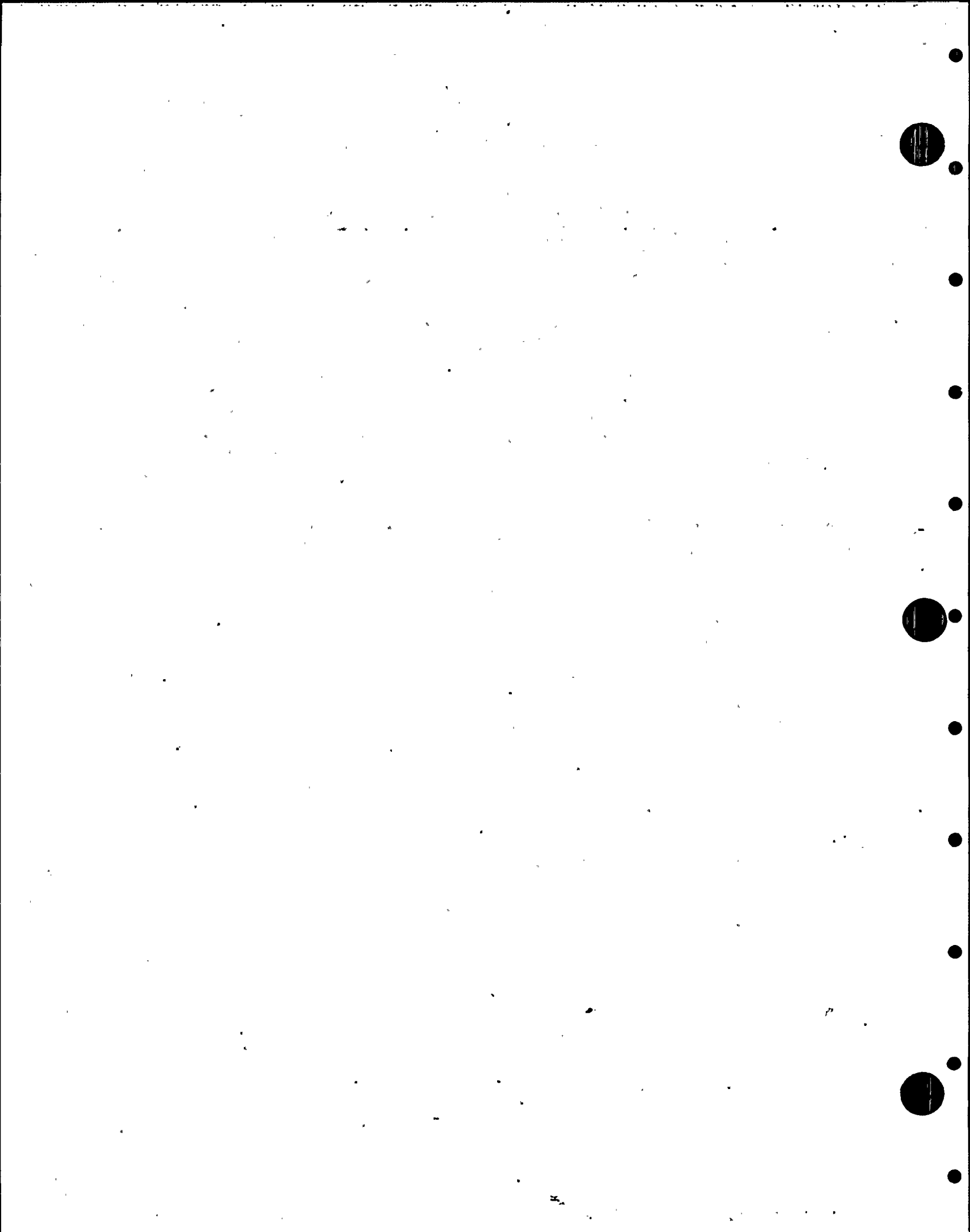
We certify that the statements made in this report are correct and that this (these) _____ Part
conforms to the rules of construction of the ASME Code, Section III.

NPT Certificate of Authorization No. _____ 1948 Expires _____ 12-9-89
Date 4/4/89 Name Target Rock Corporation Signed E. Bajada
E. Bajada, Q.A. Manager

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of
New York and employed by Commercial Union Insurance Company
of Boston, Mass. have inspected these items described in this Data Report on 4/4/89 and state that to the
best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section
III. Each part listed has been authorized for stamping on the date shown above.
By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described
in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or
loss of any kind arising from or connected with this inspection.

Date 4/4/89 Signed William A. Ireland NEW YORK STATE COMMISSION NO. 2283
Inspector





WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0716

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS).
Address: 3000 George Washington Way, Richland, Washington
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP)
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Washington Public Power Supply System (WPPSS), 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: Washington Public Power Supply System (WPPSS)
4. Identification of System: Diesel Cooling Water (DCW) System
5. (a) Applicable Construction Code ASME Section III Code Class 3, 1974 Edition with Winter 1974 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
DCW-HX-1A1	ASHT	8-20004-02-1	29367	N/A	1976	Repaired	Yes, Code Class 3

7. Description of Work: Weld repaired (weld build up) corroded areas on the channel to flange welds. The repair work was performed as follows

- 1) Weld repaired channel to flange welds
- 2) Performed MT examination on the final welds. MT examination results acceptable
- 3) Performed pressure test to confirm pressure boundary integrity. No evidence of leakage during the pressure test

ASHT - American Standard Heat Transfer Division



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0716

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐

Test Pressure: 217 Psig

Test Temperature: 69 °F

Component Design Pressure: 300 Psig

Temperature: 300 °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Rudip Luyb Signed by [Signature]

Date 9/12/91 Date 9-16-91
Plant Technical Manager

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 8/15/91 to 9/13/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 9556 W NBI
Inspector's Signature National Board, State, and Endorsements

Date 9/12/91



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0718

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS) Date: 10/7/91
Address: 3000 George Washington Way, Richland, Washington Sheet: 1 of 1
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP) Unit: WNP-2
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Bechtel Construction, Inc., PO Box 600, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: C20069
4. Identification of System: Residual Heat Removal (RHR) System
5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
RHR(3)-1C	WPPSS	RHR(3)-1C-P1	N/A	N/A	1983	Replacement	Yes, Code Class 2

7. Description of Work: Installed flanges and vent connection with valve RHR-V-640. The installation work was performed as follows
- 1) Cut existing pipe
 - 2) Beveled cut elbow end
 - 3) Performed PT examination on the beveled end. PT examination results acceptable
 - 4) Installed flanges and made required welds
 - 5) Performed MT examination on the final welds. MT examination results acceptable
 - 6) Performed RT examination on the final circumferential weld. RT examination results acceptable
 - 7) Performed PT/UT examination on the final welds for Inservice Inspection (ISI). PT/UT examination results acceptable
 - 8) Installed piping material and valve for the test connection
 - 9) Made required socket welds
 - 10) Performed PT examination on the final socket welds. PT examination results acceptable
 - 11) Fabricated and installed blank for the flanged joint
 - 12) Performed pressure test to confirm pressure boundary integrity. No evidence of leakage during pressure test



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0718

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐

Test Pressure: 139 Psig

Test Temperature: 76.4 °F

Component Design Pressure: 125 Psig

Temperature: 212 °F

9. Remarks: See attached NPV-1 Code Data Report for valve RHR-V-840, Serial No 80109

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not applicable

Prepared by Quaip Eupb Signed by [Signature]

Plant Technical Manager

Date 10/2/91 Date 10-8-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 8/2/91 to 10/8/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 9556 W NBI
Inspector's Signature National Board, State, and Endorsements

Date 10/9/91

FORM NPV-1 N CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES*

As Required by the Provisions of the ASME Code, Section III, Div. 1

1. Manufactured by Nuclear Valve Div., Borg Warner, 7500 Tyngs Ave., Van Nuys, Calif.
(Name and Address of N Certificate Holder) 3000 George Washington Way
2. Manufactured for Washington Public Power Supply Systems, Richland, Washington
(Name and Address of Purchaser or Owner)
3. Location of Installation Richland, Washington WPPSS Hanford #2 Job Site
(Name and Address)
4. Pump or Valve Y Globe Valve Nominal Inlet Size 3/4 Outlet Size 3/4
(inch) (inch)

(a) Model No. (b) N Certificate Holder's (c) Canadian

Series No.
or TypeSerial
No.Registration
No.(d) Drawing
No.

(e) Class

(f) Nat'l
Std. No.(g) Year
Built

(1)	1500F	80107 thru 80128	N/A	76590-2	1	N/A	1983
(2)							
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

RBR-V-640, S/N 80109

Kudip Singh

10/1/91

The valves are designed to handle a fluid media which includes steam, water, ammonia, liquid nitrogen, and associated with a PWT and SWT. The

(Brief description of service for which equipment was designed)

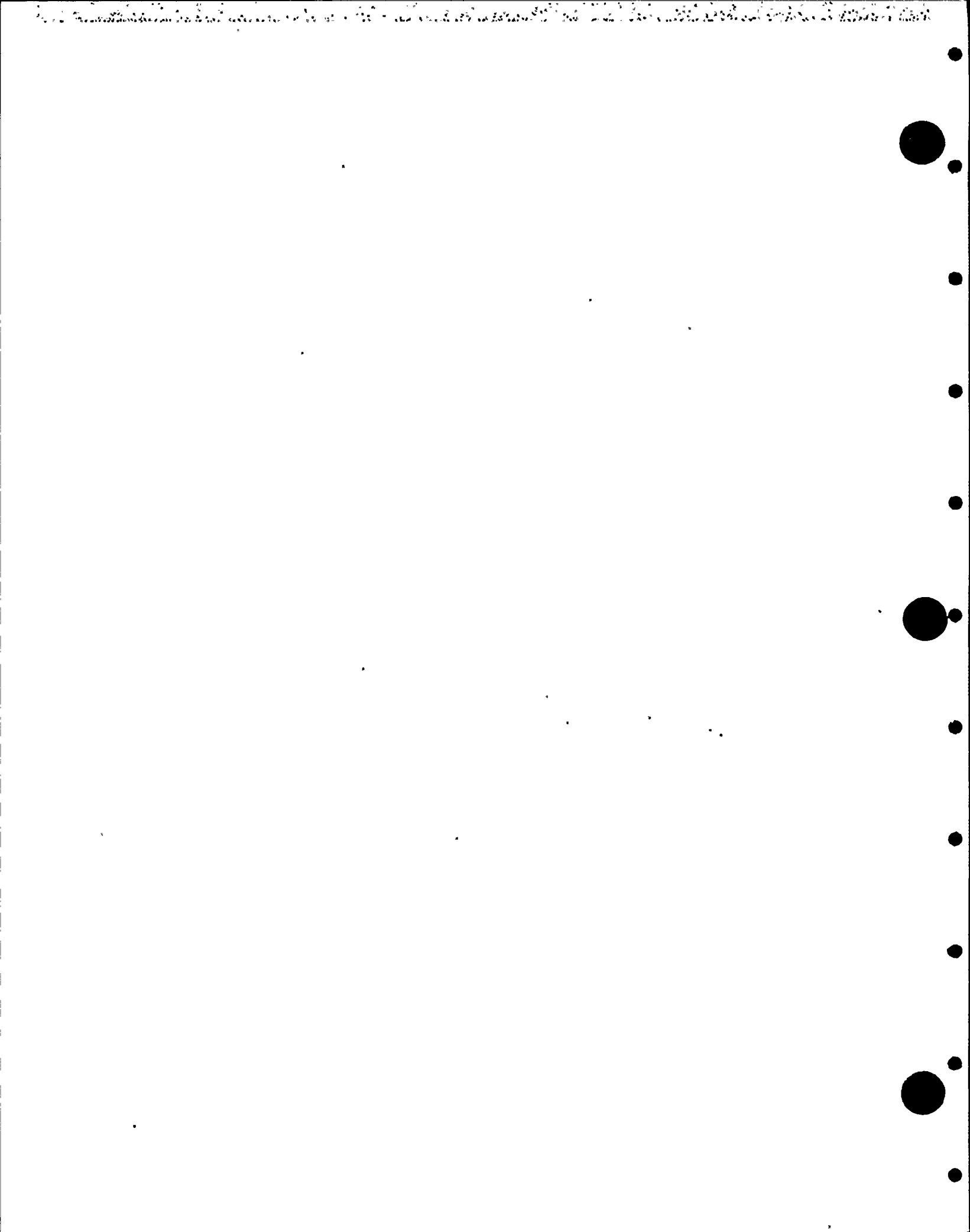
temperature pressure rating on the media is stated below.

5. Design Conditions 3600 psi 100 °F or Valve Pressure Class N/A (1)
- (Pressure) (Temperature)
7. Cold Working Pressure 3600 psi at 100°F.
8. Pressure Retaining Parts

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
Disc-Code 5F55	Stellite #6	Rex Precision	
5F32			
(b) Forgings			
Body-Code 5E95	SA 105	Pacific Forge	

(1) For manually operated valves only.

* Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 3-1/2" x 11", (2) information in Items 1, 2 and 5 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is reported at end of this form.





FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS) Date: 9/27/91
Address: 3000 George Washington Way, Richland, Washington Sheet: 1 of 1
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP) Unit: WNP-2
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Bechtel Construction, Inc., PO Box 600, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: C20069
4. Identification of System: Instrument Line
5. (a) Applicable Construction Code ASME Section III Code Class 1, 1974 Edition with Winter 1975 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
PI(1)-4S-X78B	JCI	PI(1)-4S-X78B	N/A	N/A	1983	Repair	Yes, Code Class 1

7. Description of Work: Removed and reinstalled lugs previously installed under ASME Section XI Plan No 2-0672 for support B-220-1141-25A for instrument line PI(1)-4S-X78B. The work was performed as follows

- 1) Removed existing lug
- 2) Beveled the existing lugs
- 3) Performed PT examination on the beveled areas of the lugs. PT examination results acceptable
- 3) Reinstalled the lugs
- 4) Made required pipe to lug welds
- 5) Performed PT examinations on the final welds. PT examination results acceptable



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0721

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Pslg Test Temperature: °F
Component Design Pressure: Pslg Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Quair Supb

Signed by

[Signature]
Plant Technical Manager

Date

9/27/91

Date

10/3/91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 8/31/91 to 9/30/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9550 111 - NBE
National Board, State, and Endorsements

Date

10/3/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS) Date: 10/24/91
Address: 3000 George Washington Way, Richland, Washington Sheet: 1 of 1
2. Plant: Washington Public Power Supply System (WPPSS) Nuclear Power Plant (WNP) Unit: WNP-2
Address: Hanford Reservation, Benton County, Washington
3. (a) Work Performed by: Bechtel Construction, Inc., PO Box 600, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: C20069
4. Identification of System: Diesel Oil (DO) System
5. (a) Applicable Construction Code ASME Section III Code Class 3, 1971 Edition with Winter 1972 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
DO-P-2	Crane	NGT-000714	N/A	N/A	1977	Replacement	Yes, Code Class 3

7. Description of Work: Installed new bolts for column pipe to intermediate column pipe flange joint for pump DO-P-2. The replacement work was performed as follows
- 1) Fabricated (machined) new bolts
 - 2) Installed new bolts



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

PLAN NO. 2-0733

FORM NIS-2 (Back)

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by Dwain L. Smith Signed by [Signature]

Plant Technical Manager

Date 10/28/91 Date 10-29-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 9/23/91 to 10/31/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 9556 W NBI
Inspector's Signature National Board, State, and Endorsements

Date 10/31/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, WA

2. Plant: WPPSS Nuclear Power Plant (WNP)

Address: Hanford, Benton County, WA

3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: WPPSS

4. Identification of System: Instrument Lines

5. (a) Applicable Construction Code ASME Section III Code Class 2, 1974 Edition with Winter 1975 Addenda,

Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980 Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
PI(1)-ST-(H22-P021)-A9	JCI	PI(1)-ST-(H22-P021)-A9	N/A	N/A	1983	Repair	Yes, Code Class 2
PI(1)-ST-(H22-P021)-A10	JCI	PI(1)-ST-(H22-P021)-A10	N/A	N/A	1983	Repair	Yes, Code Class 2

7. Description of Work: Removed tube block clamp, associated bolting material and angle iron for hanger 220-6-020 shown on drawing D-220-009.0-H22-P021, Sheets 3 and 23B. This hanger supported instrument tubing for bulk heads A9 and A10 and is no longer required



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

MWR No AR 1750

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ None

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this repair conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by

Rudip Sup's

Signed by

[Signature]
Plant Technical Manager

Date

3/15/91

Date

3-15-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 12/5/90 to 3/22/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

9556 W NBI
National Board, State, and Endorsements

Date

3/22/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)
Address: 3000 George Washington Way, Richland, WA
2. Plant: WPPSS Nuclear Power Plant (WNP)
Address: Hanford, Benton County, WA
3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA
(b) Repair Organization P.O. No., Job No., etc.: WPPSS
4. Identification of System: Low Pressure Core Spray (LPCS), Main Steam (MS) and Reactor Core Isolation Cooling (RCIC) Systems
5. (a) Applicable Construction Code ASME Section III Code Class 1 and 3, 1971 Edition with Winter 1973 Addenda,
Code Case: None
(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
LPCS(1)-4	WPPSS	LPCS(1)-4-P1	N/A	N/A	1983	Replacement	Yes, Code Class 1
B22-G001D	WPPSS	B22-G001D-P1	N/A	N/A	1983	Replacement	Yes, Code Class 1
MS(18)-2-15	WPPSS	MS(18)-2-15-P1	N/A	N/A	1983	Replacement	Yes, Code Class 3
MS(18)-2-16	WPPSS	MS(18)-2-16-P1	N/A	N/A	1983	Replacement	Yes, Code Class 3
MS(18)-2-17	WPPSS	MS(18)-2-17-P1	N/A	N/A	1983	Replacement	Yes, Code Class 3
MS(18)-2-18	WPPSS	MS(18)-2-18-P1	N/A	N/A	1983	Replacement	Yes, Code Class 3
RCIC(1)-4CL1	WPPSS	RCIC(1)-4CL2-P1	N/A	N/A	1984	Replacement	Yes, Code Class 1

7. Description of Work: Deleted snubbers for the following hangers

<u>LPCS(1)-4</u>	<u>B22-G001D</u>	<u>MS(18)-2-15</u>	<u>MS(18)-2-16</u>	<u>MS(18)-2-17</u>	<u>MS(18)-2-18</u>	<u>RCIC(1)-4CL1</u>
LPCS-61	MS-SD-3	MSRV-4D-1	MSRV-3D-1	MSRV-2D-1	MSRV-1D-1	RCIC-126
LPCS-905N	MS-SD-5	MSRV-4D-3	MSRV-3D-2	MSRV-2D-3	MSRV-1D-2	RCIC-128
LPCS-909N	MS-SD-6	MSRV-4D-4	MSRV-3D-3	MSRV-2D-4	MSRV-1D-4	RCIC-931N
	MS-SD-9	MSRV-4D-5	MSRV-3D-5	MSRV-2D-5	MSRV-1D-5	RCIC-932N
	MS-SD-10		MSRV-3D-6		MSRV-1D-6	RCIC-933N
					MSRV-1D-7	RCIC-935N
						RCIC-937N
						RCIC-938N



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

MWR NO. AR 2435

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒

Test Pressure: Psig

Test Temperature: °F

Component Design Pressure: Psig

Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by O. Jones

Signed by [Signature]

Plant Technical Manager

Date 6-13-91

Date 6-13-91

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 4/15/91 to 6/14/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]

Inspector's Signature

Commissions 9556 W. NBI

National Board, State, and Endorsements

Date 6/14/91



FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner: Washington Public Power Supply System (WPPSS)

Address: 3000 George Washington Way, Richland, WA

Date: 6/13/91

Sheet: 1 of 1

Unit: WNP-2

2. Plant: WPPSS Nuclear Power Plant (WNP)

Address: Hanford, Benton County, WA

3. (a) Work Performed by: WPPSS, 3000 George Washington Way, Richland, WA

(b) Repair Organization P.O. No., Job No., etc.: WPPSS

4. Identification of System: Equipment Drains Radioactive (EDR) and Floor Drains Radioactive (FDR) Systems

5. (a) Applicable Construction Code ASME Section III Code Class 2, 1971 Edition with Winter 1973 Addenda,
Code Case: None

(b) Applicable Edition of ASME Section XI Utilized for Repairs or Replacements: 1980 Edition with Winter 1980
Addenda, Code Case: N-308

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other I.D.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No) Code Class
EDR(48)-1 FDR(48)-1	WPPSS WPPSS	EDR(48)-1-P1 FDR(48)-1-P1	N/A N/A	N/A N/A	1983 1983	Replacement Replacement	Yes, Code Class 2 Yes, Code Class 2

7. Description of Work: Deleted snubbers for the following hangers

<u>EDR(48)-1</u>	<u>FDR(48)-1</u>
EDR-904N	FDR-900N
EDR-906N	FDR-901N
	FDR-902N
	FDR-903N



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

MWR NO. AR 3113

FORM NIS-2 (Back)

8 Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒
Test Pressure: Psig Test Temperature: °F
Component Design Pressure: Psig Temperature: °F

9. Remarks: None

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this Owner's Report are correct and this replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp: Not applicable

Certificate Authorization No.: Not applicable

Expiration Date: Not Applicable

Prepared by O. Jones Signed by [Signature]
Date 6-13-91 Date 6-13-91
Plant Technical Manager

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Washington and employed by Arkwright Mutual Insurance Company (Factory Mutual System) of Norwood, Massachusetts have inspected the components described in this Owner's Report during the period 4/15/91 to 6/14/91 and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 9556 W NBI
Inspector's Signature National Board, State, and Endorsements
Date 6/14/91