

NIS-1 FORM

OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. OWNER: Nebraska Public Power District, PO Box 499, Columbus, NE 68601
2. PLANT: Cooper Nuclear Station #1, PO Box 98, Brownville, NE 68321
3. PLANT UNIT: #1 4. OWNER CERTIFICATE OF AUTHORIZATION (if required): N/A
5. COMMERCIAL SERVICE DATE: 07/74 6. NATIONAL BOARD NUMBER FOR UNIT: #20762
7. COMPONENTS INSPECTED: See Attached Exam Component ID Index
8. EXAMINATION DATES: 03-08-88 to 05-25-88 % INSPECTION INTERVAL: From 1985 To 1994
10. ABSTRACT OF EXAMINATIONS: For a list of examinations see attached Exam Component ID Index. Current status of work required for current interval is 33% complete this date.
11. ABSTRACT OF CONDITIONS NOTED: See Attached Report Summary
12. ABSTRACT OF CORRECTIVE MEASURES RECOMMENDED AND TAKEN: See Attached Report Summary.

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 Aug 23 1988 Signed [Signature]
Division Manager

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 NEBR and employed by HSBEEI CO of IRVING, CN have inspected the components described in this Owner's Data Report during the period 3-8-88 to 5-25-88, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Data Report in accordance with the requirements of the ASME Code, Section XI.

By the signing of 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 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 5-24 1988.

[Signature]
Inspector's Signature

Commissions NB8796 NEBR
National Board, State, Province and No.

REPORT SUMMARY

1.0 Introduction

Nondestructive Examinations were performed by GE Inspection Services of GE Nuclear Energy at Cooper Nuclear Station Unit 1 under contract by Nebraska Public Power District. The examinations were performed during the periods of March 10, 1988 through May 25, 1988. A total of 505 components were examined during this period. The total includes ASME Section XI Components, Erosions/Corrosion Thickness Measurements, and Augmented Inservice Inspections.

2.0 Summary of Components Inspected

The following table lists the components examined and describes indications and/or deficiencies which were recorded.

ASME Category	Number of Components	Description	Conditions Noted
B-A	6	RPV Welds	No Recordable Indications (NRI)
B-D	1	Nozz to Vessel Weld	NRI See EDS #157 for Scan Limitations
B-F	2	Class 1 Dissimilar Metal Welds	RCA-BF-1 EDS 230 Root Geometry, Confirmed by Review of Radiographs
B-G-1	68	Bolting >2" Diameter	NRI
B-H	1	Spt Skirt to Vessel	NRI
B-J	25	Class 1 Pressure Retaining Piping	FWA-BJ-68 - EDS 019 - Laminar, Acceptable FWD-BJ-592- EDS 023 - Root Geometry MSA-BJ-35 - EDS 119 - Nonplanar, Acceptable. MSA-BJ-35B- EDS 119 - Nonplanar, Acceptable. MSA-BJ-35B (OA) - EDS 147 - Low Level Acc. MSB-BJ-28 - EDS 120 - Nonplanar, Acceptable. MSC-BJ-32 - EDS 125 - Nonplanar, Acceptable. MSC-BJ-32 - EDS 149 - Geometry, OD Crown MSC-BJ-32A- EDS 125 - Laminar, Acceptable MSD-BJ-39 - EDS 150 - Root Geometry All Other Items = NRI
B-K-1	8	Class 1 Integral Attachments	NRI
B-M-2	2	Class 1 Valve Bodies	NRI
B-N-1	1	RPV Beltline Region	NRI

REPORT SUMMARY (cont.)

ASME Category	Number of Components	Description	Conditions Noted
C-A	2	Heat Exchanger Welds	RHR-CA-1A EDS 054 & 062; Scan Limitation RHR-CA-4A NRI
C-B	1	HX Nozz/Head Weld	RHR-CB-1A EDS 056 - ID Geometry Inner Radius Section Deferred Until Next Outage
C-C	14	Class 2 Integra. Attachments	NRI
C-F	45	Class 2 Pressure Retaining Piping	CWA-CF-30A EDS 191 - ID Geometry CWA-CF-30B EDS 174 - Root Geometry CWA-CF-40 EDS 171 - IGSCC CWA-CF-40 EDS 269 - Repair = NRI CWA-CF-44 EDS 171 - IGSCC CWA-CF-44 EDS 269 - Repair = NRI HPEX-CF-10 EDS 092 - Root Geometry, Verified by RT HPEX-CF-16 EDS 167 - Nonrelevant Indica- tion, removed by flapping RAS-CF-14 EDS 083 - Nonrelevant Indica- tion, removed by flapping RAS-CF-14 EDS 205 - OD Crown RAW-CF-76 EDS 090 - Counterbore Ind. RHA-CF-3 EDS 107 - Exam Limitations RHB-CF-13 EDS 027 - Exam Limitations RHG-CF-31 EDS 222 - Root Geometry RPH-CF-26 EDS 095 - Nonrelevant Indica- tion, removed by flapping All Other Items = NRI
F-A	5	Plate & Shell Supports	NRI
F-B	48	Linear Type Supports	HP-H68 EDS 262 - Loose Bolt Repaired, MWR 88-2008 HP-H7 EDS 039 - Bent Angle Bracket Repaired, MWR 88-2027 CRD-CC-2S EDS 175 - Loose Bolt Repaired, MWR 88-1941 RFH-41 EDS 256 - Cracked Grouting & Loose Nut on Wall Bkt Repaired, MWR 88-2500

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REPORT SUMMARY (cont.)

ASME Category	Number of Components	Description	Conditions Noted			
F-B	48	Linear Type Supports	RFH-59 EDS 264 - Loose Washer Repaired, MWR 88-1500			
			CRD-88S EDS 270 - Loose Nuts Repaired, MWR 88-2187			
			CRD-CC-1N EDS 262 - Loose Nut & Bolt Repaired, MWR 88-2009			
			CRD-CC-2N EDS 270 - Loose Nut & Bolt Repaired, MWR 88-2187			
			CRD-4N ELW 270 - Loose Nut Repaired, MWR 88-2187			
			CRD-5N EDS 270 - Loose Nuts Repaired, MWR 88-2187			
			CRD-6N EDS 270 - Loose Nuts Repaired, MWR 88-2187			
			CRC-6S EDS 270 - Loose Nuts Repaired, MWR 88-2187			
			CRD-7N EDS 270 - Loose Nuts Repaired, MWR 88-2187			
			CRD-7S EDS 270 - Loose Nuts Repaired, MWR 88-2187			
			CRD-8N EDS 270 - Loose Nuts Repaired, MWR 88-2187			
			CRD-8S EDS 270 - Loose Nuts Repaired, MWR 88-2187			
			CRD-9S EDS 270 - Loose Nuts Repaired, MWR 88-2187			
			F-C	69	Component Standard Supports	MSH-109 EDS 041 Incorrect Setting Repaired, MWR 88-1744
						MSH-155 EDS 176 Incorrect Setting Repaired, MWR 88-1942
MSH-157 EDS 256 Loose Bolt Repaired, MWR 88-1940						

REPORT SUMMARY (cont.)
AUGMENTED INSERVICE INSPECTIONS

Description	Number of Components	Conditions Noted
UT FOR EVIDENCE OF WALL THINNING	56 (150 Exams)	No evidence of wall thinning below minimum wall thickness requirements
VT per GE SIL NO. 402 *WETWELL/DRYWELL INERTING*	1	Examinations met SIL 402 acceptance criteria.
UT OF SHROUD HEAD BOLTING	36	Four cracked bolts (#8, 25, 33, & 34) EDS 151 (Replaced with new bolts)
UT OF SHROUD HEAD REPLACEMENT BOLTS	8	NRI
UT OF RING GIRDER BOLTING	35	NRI
UT OF RING GIRDER ANCHOR BOLTING	18	NRI
VT OF JET PUMP RESTRAINING WEDGES	4	No abnormalities or movement reported (Wedges on Jet Pumps # 1, 2, 9, & 10)
VT OF ANCHOR BOLTING ADJACENT TO THE INBOARD MSIV	4	NRI
VT OF FEEDWATER SPARGERS	4	NRI
VT OF FEEDWATER NOZZLE INNER RADIUS	4	NRI
VT OF CORE SPRAY SPARGERS AND PIPING INSIDE RPV	20	NRI
VT OF CONTROL BLADES	15	All Blades met acceptance criteria. Four Blades had minor indications EDS 197
VT OF SHROUD MANWAY COVERS	2	NRI - UT of Shroud Manway Covers deferred until next outage.

3.0 Summary of CNS Functionals and Hydro's

The following functionals and hydro's were performed to CNS procedure 7.0.8. These reports are not included in this final report but are located in the CNS Maintenance Work Requests No.'s:

88-1003	88-1006	88-1009	88-1543
88-1004	88-1007	88-1010	88-1544
88-1005	88-1008	88-1542	88-1545

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Size	Exam Component I.D. Number	Comp. Fig.	Drawing	ASME CAT.	Procedure Number	Rev	Exam Type	EDS#	CDS#	LDS#	CNS CAL. STD NO.	ANII Init. Date
218*	HMB-BB- 3	BHD-M	26	B-A	MIUV-W812	2	UT 0-BM	249	248	238	16	04/20/88
					MIUV-W812	2	UT 0-WM	251	250	238		04/20/88
					MIUV-W812	2	UT 45	253	252	237		04/20/88
					MIUV-W812	2	UT 60	255	254	239		04/20/88
218*	HMB-BB- 4	BHD-M	26	B-A	MIUV-W812	2	UT 0-BM	249	248	238	16	04/20/88
					MIUV-W812	2	UT 0-WM	251	250	238		04/20/88
					MIUV-W812	2	UT 45	253	252	237		04/20/88
					MIUV-W812	2	UT 60	255	254	239		04/20/88
218*	HME-BB- 1	THD-M	26	B-A	MIUV-W812	2	UT 0	072	071	070	15	03/25/88
					MIUV-W812	2	UT 45	075	074	073		03/25/88
					MIUV-W812	2	UT 60	078	077	076		03/25/88
218*	HME-BB- 2	THD-M	26	B-A	MIUV-W812	2	UT 0	072	071	070	15	03/25/88
					MIUV-W812	2	UT 45	075	074	073		03/25/88
					MIUV-W812	2	UT 60	078	077	076		03/25/88
218*	VCB-BC5-1 7 - 120 Deg.	VE-F	27	B-A	MIUV-W812	2	UT 0-BM	249	248	238	16	04/20/88
					MIUV-W812	2	UT 0-WM	251	250	238		04/20/88
					MIUV-W812	2	UT 45	253	252	237		04/20/88
					MIUV-W812	2	UT 60	255	254	239		04/20/88
218*	VCB-BC6-1	TH-F	26	B-A	MIMSN-W812	1	MT	066				03/25/88

Note: * Work performed to FILED REVISION NUMBER 1 on applicable procedure

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12"	NVE-BD-N2C	N-VES	27	B-D	MIUP-W812	1*	UT 0-BM	157	156	161	16	04/04/88
					MIUP-W812	1*	UT 0-WM	155	154	161		04/04/88
					MIUP-W812	1*	UT 45	160	159	158		04/04/88
					MIUP-W812	1*	UT 60	164	163	162		04/11/88
4"	CWB-BF- 9	P-P	2513-1	B-F	IP-W812	1	PT	206				04/11/88
5"	RCA-BF- 1 UT CAP SIDE	N-CAP	20	B-F	IP-W812	1	PT	211			20	04/20/88
					MIGSCCW812	1*	UT 45S	228	227	004		04/20/88
					MIGSCCW812	1*	UT 45RL	230	229	161		04/20/88
					MIGSCCW812	1*	UT 60RL	234	233	158		04/20/88
5"	RCA-BF- 1 UT NOZZEL SIDE	N-CAP	20	B-F	MIGSCCW812	1*	UT 0	213	212	070	20	04/20/88
					MIGSCCW812	1*	UT 45RL	232	231	161	20	04/20/88
					MIGSCCW812	1*	UT 60RL	236	235	158		04/20/88
6X48	PRA-BG1- 1	STD	42	B-G-1	MIUB-W812	2	UT 0	009	008	007	21	03/24/88
6X48	PRA-BG1- 2	STD	42	B-G-1	MIUB-W812	2	UT 0	009	008	007	21	03/24/88
6X48	PRA-BG1- 3	STD	42	B-G-1	MIUB-W812	2	UT 0	009	008	007	21	03/24/88
6X48	PRA-BG1- 4	STD	42	B-G-1	MIUB-W812	2	UT 0	009	008	007	21	03/24/88

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6X48	PRA-BG1- 5	STD	42	B-G-1	MIUB-W812	2	UT 0	009	008	007	21	03/24/88
6X48	PRA-BG1- 6	STD	42	B-G-1	MIUB-W812	2	UT 0	009	008	007	21	03/24/88
6X48	PRA-BG1- 7	STD	42	B-G-1	MIUB-W812	2	UT 0	009	008	007	21	03/24/88
6X48	PRA-BG1- 8	STD	42	B-G-1	MIUB-W812	2	UT 0	009	008	007	21	03/24/88
6X48	PRA-BG1- 9	STD	42	B-G-1	MIUB-W812	2	UT 0	009	008	007	21	03/24/88
6X48	PRA-BG1-10	STD	42	B-G-1	MIUB-W812	2	UT 0	009	008	007	21	03/24/88
6X48	PRA-BG1-11	STD	42	B-G-1	MIUB-W812	2	UT 0	009	008	007	21	03/24/88
6X48	PRA-BG1-12	STD	42	B-G-1	MIUB-W812	2	UT 0	009	008	007	21	03/24/88
6X48	PRA-BG1-13	STD	42	B-G-1	MIUB-W812	2	UT 0	009	008	007	21	03/24/88
6X48	PRA-BG1-14	STD	42	B-G-1	MIUB-W812	2	UT 0	009	008	007	21	03/24/88

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6X48	PRA-BG1-15	STD	42	B-G-1	MIUB-W812	2	UT 0	009	008	007	21	03/24/88
6X48	PRA-BG1-16	STD	42	B-G-1	MIUB-W812	2	UT 0	009	008	007	21	03/24/88
6X48	PRA-BG1-17	STD	42	B-G-1	MIUB-W812	2	UT 0	009	008	007	21	03/24/88
8X7	PRB-BG1- 1	NUT	42	B-G-1	MIMSN-W812	1	MT	179				04/20/88
8X7	PRB-BG1- 2	NUT	42	B-G-1	MIMSN-W812	1	MT	179				04/20/88
8X7	PRB-BG1- 3	NUT	42	B-G-1	MIMSN-W812	1	MT	179				04/20/88
8X7	PRB-BG1- 4	NUT	42	B-G-1	MIMSN-W812	1	MT	179				04/20/88
8X7	PRB-BG1- 5	NUT	42	B-G-1	MIMSN-W812	1	MT	179				04/20/88
8X7	PRB-BG1- 6	NUT	42	B-G-1	MIMSN-W812	1	MT	179				04/20/88
8X7	PRB-BG1- 7	NUT	42	B-G-1	MIMSN-W812	1	MT	179				04/20/88

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8X7	PRB-BG1- 8	NUT	42	B-G-1	MIMSN-W812	1	MT	179				04/20/88
8X7	PRB-BG1- 9	NUT	42	B-G-1	MIMSN-W812	1	MT	179				04/20/88
8X7	PRB-BG1-10	NUT	42	B-G-1	MIMSN-W812	1	MT	179				04/20/88
8X7	PRB-BG1-11	NUT	42	B-G-1	MIMSN-W812	1	MT	179				04/20/88
8X7	PRB-BG1-12	NUT	42	B-G-1	MIMSN-W812	1	MT	179				04/20/88
8X7	PRB-BG1-13	NUT	42	B-G-1	MIMSN-W812	1	MT	179				04/20/88
8X7	PRB-BG1-14	NUT	42	B-G-1	MIMSN-W812	1	MT	179				04/20/88
8X7	PRB-BG1-15	NUT	42	B-G-1	MIMSN-W812	1	MT	179				04/20/88
8X7	PRB-BG1-16	NUT	42	B-G-1	MIMSN-W812	1	MT	179				04/20/88
8X7	PRB-BG1-17	NUT	42	B-G-1	MIMSN-W812	1	MT	179				04/20/88

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6"	PRD-BG1- 1	BSH	42	B-G-1	IV1-W812	3	VT-1	013				03/24/88
6"	PRD-BG1- 2	BSH	42	B-G-1	IV1-W812	3	VT-1	013				03/24/88
6"	PRD-BG1- 3	BSH	42	B-G-1	IV1-W812	3	VT-1	013				03/24/88
6"	PRD-BG1- 4	BSH	42	B-G-1	IV1-W812	3	VT-1	013				03/24/88
6"	PRD-BG1- 5	BSH	42	B-G-1	IV1-W812	3	VT-1	013				03/24/88
6"	PRD-BG1- 6	BSH	42	B-G-1	IV1-W812	3	VT-1	013				03/24/88
6"	PRD-BG1- 7	BSH	42	B-G-1	IV1-W812	3	VT-1	013				03/24/88
6"	PRD-BG1- 8	BSH	42	B-G-1	IV1-W812	3	VT-1	013				03/24/88
6"	PRD-BG1- 9	BSH	42	B-G-1	IV1-W812	3	VT-1	013				03/24/88
6"	PRD-BG1-10	BSH	42	B-G-1	IV1-W812	3	VT-1	013				03/24/88

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6"	PRD-BG1-11	BSH	42	B-G-1	IV1-W812	3	VT-1	013				03/24/88
6"	PRD-BG1-12	BSH	42	B-G-1	IV1-W812	3	VT-1	013				03/24/88
6"	PRD-BG1-13	BSH	42	B-G-1	IV1-W812	3	VT-1	013				03/24/88
6"	PRD-BG1-14	BSH	42	B-G-1	IV1-W812	3	VT-1	013				03/24/88
6"	PRD-BG1-15	BSH	42	B-G-1	IV1-W812	3	VT-1	013				03/24/88
6"	PRD-BG1-16	BSH	42	B-G-1	IV1-W812	3	VT-1	013				03/24/88
6"	PRD-BG1-17	BSH	42	B-G-1	IV1-W812	3	VT-1	013				03/24/88
6"	PRE-BG1- 1	LIG	42	B-G-1	MIUL-W812	1	UT 0	012	011	010	16	03/24/88
6"	PRE-BG1- 2	LIG	42	B-G-1	MIUL-W812	1	UT 0	012	011	010	16	03/24/88
6"	PRE-BG1- 3	LIG	42	B-G-1	MIUL-W812	1	UT 0	012	011	010	16	03/24/88

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6*	PRE-BG1- 4	LIG	42	B-G-1	MIUL-W812	1	UT 0	012	011	010	16	03/24/88
6*	PRE-BG1- 5	LIG	42	B-G-1	MIUL-W812	1	UT 0	012	011	010	16	03/24/88
6*	PRE-BG1- 6	LIG	42	B-G-1	MIUL-W812	1	UT 0	012	011	010	16	03/24/88
6*	PRE-BG1- 7	LIG	42	B-G-1	MIUL-W812	1	UT 0	012	011	010	16	03/24/88
6*	PRE-BG1- 8	LIG	42	B-G-1	MIUL-W812	1	UT 0	012	011	010	16	03/24/88
6*	PRE-BG1- 9	LIG	42	B-G-1	MIUL-W812	1	UT 0	012	011	010	16	03/24/88
6*	PRE-BG1-10	LIG	42	B-G-1	MIUL-W812	1	UT 0	012	011	010	16	03/24/88
6*	PRE-BG1-11	LIG	42	B-G-1	MIUL-W812	1	UT 0	012	011	010	16	03/24/88
6*	PRE-BG1-12	LIG	42	B-G-1	MIUL-W812	1	UT 0	012	011	010	16	03/24/88
6*	PRE-BG1-13	LIG	42	B-G-1	MIUL-W812	1	UT 0	012	011	010	16	03/24/88

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6"	PRE-BG1-14	LIG	42	B-G-1	MIUL-W812	1	UT 0	012	011	010	16	03/24/88
6"	PRE-BG1-15	LIG	42	B-G-1	MIUL-W812	1	UT 0	012	011	010	16	03/24/88
6"	PRE-BG1-16	LIG	42	B-G-1	MIUL-W812	1	UT 0	012	011	010	16	03/24/88
6"	PRE-BG1-17	LIG	42	B-G-1	MIUL-W812	1	UT 0	012	011	010	16	03/24/88
218"	HNC-C1- 2 120 - 240 Deg.	SK-VS	26	B-H	MIUSK-W812	1	UT 0-BM	241	240	238	16	04/20/88
					MIUSK-W812	1	UT 0-WM	243	242	238		04/20/88
					MIUSK-W812	1	UT 45	245	244	237		04/20/88
					MIUSK-W812	1	UT 60	247	246	239		04/20/88
6"	CWA-BJ- 7	P-V	CNSRWCU3	B-J	IP-W812	1	PT	206				04/11/88
6"	CWB-BJ- 8	V-P	2513-1	B-J	IP-W812	1	PT	206				04/11/88
18"	FWA-BJ-68	E-P	2849-4	B-J	IP-W812	1	PT	017			100	03/24/88
					MIUP-W812	1	UT 0	019	018	003		03/24/88
					MIUP-W812	1	UT 45	021	020	004		03/31/88
8"	FWD-BJ-592	P-WE	2849-5	B-J	IP-W812	1	PT	014			75	03/24/88
					MIUP-W812	1	UT 0	016	015	003		03/24/88
					MIUP-W812	1	UT 45	024	023	007		03/31/88

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18"	FWD-BJ-63	E-P	2849-4	B-J	IP-W812	1	PT	029				
					MIUP-W812	1	UT 0	036	035	003	100	03/24/88
					MIUP-W812	1	UT 45	031	030	004		03/25/88
												04/09/88
24"	MSA-BJ-35	P-E	2506-4	B-J	MIUP-W812	1*	UT 0	119	118	070	106	04/09/88
					MIUP-W812	1*	UT 45	147	146	004		04/04/88
12"	MSA-BJ-35A	I-A	2506-4	B-J	MIUP-W812	1*	UT 0	119	118	070	106	04/09/88
					MIUP-W812	1*	UT 45	147	146	004		04/04/88
12"	MSA-BJ-35B	O-A	2506-4	B-J	MIUP-W812	1*	UT 0	119	118	070	106	04/09/88
					MIUP-W812	1*	UT 45	147	146	004		04/04/88
24"	MSA-BJ-36	E-P	2506-4	B-J	MIUP-W812	1*	UT 0	119	118	070	106	04/09/88
					MIUP-W812	1*	UT 45	147	146	004		04/04/88
24"	MSB-BJ-28	P-E	2506-4	B-J	MIUP-W812	1*	UT 0	120	118	070	106	04/09/88
					MIUP-W812	1*	UT 45	148	146	004		04/04/88
12"	MSB-BJ-28A	I-A	2506-4	B-J	MIUP-W812	1*	UT 0	120	118	070	106	04/09/88
					MIUP-W812	1*	UT 45	148	146	004		04/04/88
12"	MSB-BJ-28B	O-A	2506-4	B-J	MIUP-W812	1*	UT 0	120	118	070	106	04/09/88
					MIUP-W812	1*	UT 45	148	146	004		04/04/88

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24*	MSB-BJ-29	E-E	2506-4	B-J	MIUP-W812	1*	UT 0	121	118	070	106	04/09/88
					MIUP-W812	1*	UT 45	148	146	004		04/04/88
24*	MSC-BJ-32	P-E	2506-4	B-J	MIUP-W812	1*	UT 0	125	124	070	106	03/31/88
					MIUP-W812	1*	UT 45	149	146	004		04/04/88
12*	MSC-BJ-32A	I-A	2506-4	B-J	MIUP-W812	1*	UT 0	125	124	070	106	03/31/88
					MIUP-W812	1*	UT 45	149	146	004		04/04/88
12*	MSC-BJ-32B	O-A	2506-4	B-J	MIUP-W812	1*	UT 0	125	124	070	106	03/31/88
					MIUP-W812	1*	UT 45	149	146	004		04/04/88
12*	MSC-BJ-34A	I-A	2506-4	B-J	MIUP-W812	1*	UT 0	126	124	070	106	03/31/88
					MIUP-W812	1*	UT 45	149	146	004		04/04/88
12*	MSC-BJ-34B	O-A	2506-4	B-J	MIUP-W812	1*	UT 0	126	124	070	106	03/31/88
					MIUP-W812	1*	UT 45	149	146	004		04/04/88
24*	MSC-BJ-35	E-P	2506-4	B-J	MIUP-W812	1*	UT 0	126	124	070	106	03/31/88
					MIUP-W812	1*	UT 45	149	146	004		04/04/88
24*	MSD-BJ-39	P-E	2506-4	B-J	MIUP-W812	1*	UT 0	133	132	070	106	03/31/88
					MIUP-W812	1*	UT 45	150	146	004		04/04/88

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12*	MSD-BJ-39A	I-A	2506-4	B-J	MIUP-W812	1*	UT 0	133	132	070	106	03/31/88
					MIUP-W812	1*	UT 45	150	146	004		04/04/88
12*	MSD-BJ-39B	O-A	2506-4	B-J	MIUP-W812	1*	UT 0	133	132	070	106	03/31/88
					MIUP-W812	1*	UT 45	150	146	004		04/04/88
24*	MSD-BJ-40	E-P	2506-4	B-J	MIUP-W812	1*	UT 0	133	132	070	106	03/31/88
					MIUP-W812	1*	UT 45	150	146	004		04/04/88
4*	RWA-BJ-12	P-V	2509-1	B-J	IP-W812	1	PT	280			2	05/19/88
					CUT 1.1	0*	UT 0	283	282	281		05/19/88
					MIUP-W812	1*	UT 0	285	284	281		05/19/88
					MIUP-W812	1*	UT 45	287	286	281		05/19/88
4*	RWA-BJ-13	V-P	2509-1	B-J	IP-W812	1	PT	280			2	05/19/88
					CUT 1.1	0*	UT 0	283	282	281		05/19/88
					MIUP-W812	1*	UT 0	285	284	281		05/19/88
					MIUP-W812	1*	UT 45	287	286	281		05/19/88
	CWA-BK1-24	INTAT	CNSRWCU3	B-K-1	MIMSN-W812	1	MT	223				04/20/88
	FWB-BK1- 8	INTAT	2509-1	B-K-1	MIMSN-W812	1	MT	138				03/31/88

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	MSA-BK1-11	INTAT	731E611	B-K-1	MIMSN-W812	1	MT	128				03/31/88
	MSB-BK1-11	INTAT	731E611	B-K-1	MIMSN-W812	1	MT	130				03/31/88
	MSB-BK1-12	INTAT	731E611	B-K-1	MIMSN-W812	1	MT	129				03/31/88
	RR-BK1-1A	LUG	CNSRR-37	B-K-1	IP-W812	1	PT	139				03/31/88
	RR-BK1-1B	LUG	CNSRR-37	B-K-1	IP-W812	1	PT	139				03/31/88
	RR-BK1-4A	LUG	CNSRR-38	B-K-1	IP-W812	1	PT	201				04/20/88
10"	HPCI-MO-16-BM2	VALVE	2506-1	B-M-2	IV3-W812	3	VT 3	288				05/19/88
24"	RHR-MO-25A-BM2	VALVE	2510-4	B-M-2	IV3-W812	3	VT 3	291				05/24/88
	BELTLINE REG			B-N-1	IV1-W812	3	VT 1	042				04/07/88
					IV3-W812	3	VT 3	043				04/07/88
46"	RHR-CA-1A	VE-HD	41	C-A	MIUP-W812	1*	UT 0	054	053	010		04/17/88
					MIUP-W812	1*	UT 45	062	061	004	40	03/25/88

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46*	RHR-CA-4A	TS-SH	41	C-A	MIUP-W812	1*	UT 0	115	114	073	40	03/31/88
					MIUP-W812	1*	UT 45	117	116	076		03/31/88
20*	RHR-CB-1A	THD-N	41	C-B	MIMSN-W812	1	MT	028	057	010	103	03/24/88
					MIUP-W812	1*	UT 0	058				03/25/88
					MIUP-W812	1*	UT 45	056				007
16*	CSA-CC-6	P-H	2603-1	C-C	MIMSN-W812	1	PT	127				03/31/88
6*	CWA-CC-39	P-HSL	2605-4	C-C	IP-W812	1	PT	139				04/06/88
10*	HPID-CC-16	E-H	2609-1	C-C	MIMSN-W812	1	MT	096				03/31/88
6*	RAW-CC-53A	P-PC	CBI-65	C-C	MIMSN-W812	1	MT	198				04/06/88
	RAW-CE1-12	LUG	2624-3A	C-C	MIMSN-W812	1	MT	082				03/25/88
	RBW-CE1-12	LUG	2624-3B	C-C	MIMSN-W812	1	MT	141				03/31/88
	RCT-CE1-1	P-H	2624-3A	C-C	MIMSN-W812	1	MT	122				03/31/88

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	RCT-CE1-2	P-H	2624-3A	C-C	MIMSN-W812	1	MT	105				03/31/88
	RCT-CE1-3	LUG	2624-3B	C-C	MIMSN-W812	1	MT	099				03/31/88
	RHA-CE1-1	LUG	2625-3	C-C	MIMSN-W812	1	MT	226				04/20/88
	RHA-CE1-2	LUG	2625-1	C-C	MIMSN-W812	1	MT	102				03/31/88
24"	RHC-CC-41	P-H	2624-5	C-C	MIMSN-W812	1	MT	106				03/31/88
24"	RHC-CC-45	P-SB	2624-5	C-C	MIMSN-W812	1	MT	100				03/31/88
24"	RHC-CC-51	E-SB	2624-5	C-C	MIMSN-W812	1	MT	103				03/31/88
6"	CWA-CF-30	V-P	2605-4	C-F	MIGSCCW812	1*	UT 45	174	173	161	48	04/06/88
6"	CWA-CF-30A	V-P	2605-4	C-F	MIGSCCW812	1*	UT 45	191	190	161	11	04/06/88
6"	CWA-CF-31	P-E	2605-4	C-F	MIGSCCW812	1*	UT 45	191	190	161	11	04/06/88

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6"	CWA-CF-33	E-P	2605-4	C-F	MIGSCCW812	1*	UT 45	191	190	161	11	04/06/88
6"	CWA-CF-33A	P-P	2605-4	C-F	MIGSCCW812	1*	UT 45	174	173	161	48	04/06/88
					MIGSCCW812	1*	UT 45	191	190	161	11	04/06/88
6"	CWA-CF-33B	P-P	2605-4	C-F	MIGSCCW812	1*	UT 45	174	173	161	48	04/06/88
					MIGSCCW812	1*	UT 45	191	190	161	11	04/06/88
6"	CWA-CF-34	P-T	2605-4	C-F	MIGSCCW812	1*	UT 45	191	190	161	11	04/06/88
6"	CWA-CF-35	P-T	2605-4	C-F	MIGSCCW812	1*	UT 45	192	190	161	11	04/06/88
6"	CWA-CF-37	T-E	2605-4	C-F	MIGSCCW812	1*	UT 45	192	190	161	11	04/06/88
6"	CWA-CF-38	S-P	2605-4	C-F	MIGSCCW812	1*	UT 45	192	190	161	11	04/06/88
6"	CWA-CF-40 * REPAIR AREA	P-E	2605-4	C-F	IP-W812	1	PT	267				05/18/88
					MIGSCCW812	1*	UT 45	171	170	161	11	04/04/88
					MIGSCCW812	1*	UT 45 *	269	268	239		05/18/88
6"	CWA-CF-42	E-RT	2605-4	C-F	MIGSCCW812	1*	UT 45	171	170	161	11	04/04/88

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6"	CWA-CF-43	RT-R	2605-4	C-F	MIGSCCW812	1*	UT 45	171	170	161	11	04/04/88
6"	CWA-CF-44 * REPAIR AREA	RT-R	2605-4	C-F	IP-W812	1	PT	267				05/18/88
					MIGSCCW812	1*	UT 45	171	170	161	11	04/04/88
					MIGSCCW812	1*	UT 45 *	269	268	239		05/18/88
20"	HPEX-CF-10	P-CAP	2614-3	C-F	MIMSN-W812	1	MT	067			102	03/25/88
					MIUP-W812	1*	UT 0	088	087	003		03/25/88
					MIUP-W812	1*	UT 45	092	091	076		03/31/88
20"	HPEX-CF-11	T-P	2614-3	C-F	MIMSN-W812	1	MT	068				03/25/88
20"	HPEX-CF-12	P-E	2614-3	C-F	MIMSN-W812	1	MT	065				03/25/88
20"	HPEX-CF-16	E-P	2614-3	C-F	MIMSN-W812	1	MT	167				04/06/88
16"	HPIS-CF-10	E-P	2611-6	C-F	MIMSN-W812	1	MT	097				03/31/88
10"	PSA-CF- 2	E-E	2629-1	C-F	MIMSN-W812	1	MT	034			78	04/07/88
					MIUP-W812	1*	UT 0	060	059	010		
					MIUP-W812	1*	UT 45	052	051	004		04/07/88

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10*	PSA-CF- 8	E-P	2629-1	C-F	MIMSN-W812	1	MT	104			78	03/31/88
					MIUP-W812	1*	UT 0	111	110	073		03/31/88
					MIUP-W812	1*	UT 45	109	108	076		03/31/88
10*	PSA-CF-11	P-E	2629-1	C-F	MIMSN-W812	1	MT	101			78	03/31/88
					MIUP-W812	1*	UT 0	111	110	073		03/31/88
					MIUP-W812	1*	UT 45	109	108	076		03/31/88
8*	RAS-CF-14	P-E	2629-1	C-F	MIMSN-W812	1	MT	083			73	04/06/88
					MIUP-W812	1*	UT 0	203	202	158		04/12/88
					MIUP-W812	1*	UT 45	205	204	161		04/12/88
6*	RAW-CF-53B	P-E	CBI-65	C-F	MIMSN-W812	1	MT	180				04/06/88
6*	RAW-CF-53C	E-P	CBI-65	C-F	MIMSN-W812	1	MT	181				04/06/88
6*	RAW-CF-53D	P-T	CBI-65	C-F	MIMSN-W812	1	MT	182				04/06/88
6*	RAW-CF-53E	T-R	CBI-65	C-F	MIMSN-W812	1	MT	183				04/12/88
6*	RAW-CF-53F	T-R	CBI-65	C-F	MIMSN-W812	1	MT	184				04/06/88

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6"	RAW-CF-76	P-E	CEI-65	C-F	MIMSN-W812	1	MT	084			104	02/25/88
					MIUP-W812	1*	UT 0	086	085	003		03/25/88
					MIUP-W812	1*	UT 45	090	089	076		03/25/88
8"	RBS-CF-12	P-E	2629-1	C-F	MIMSN-W812	1	MT	131			73	03/31/88
					MIUP-W812	1*	UT 0	135	134	073		03/31/88
					MIUP-W812	1*	UT 45	137	136	073		04/04/88
20"	RBW-CF- 5	P-E	2625-4	C-F	MIMSN-W812	1	MT	098				03/31/88
20"	RBW-CF-15	P-E	2625-4	C-F	MIMSN-W812	1	MT	069				03/25/88
20"	RCT-CF- 6	P-E	2624-3A	C-F	MIMSN-W812	1	MT	123				03/31/88
20"	RHA-CF- 1	E-T	2625-3	C-F	MIMSN-W812	1	MT	107				04/04/88
16"	RHB-CF-13	E-V	2624-1	C-F	MIMSN-W812	1	MT	027				03/24/88
20"	RHB-CF-32	E-P	2624-1	C-F	MIMSN-W812	1	MT	037				03/31/88
8"	RHD-CF- 3	P-E	2624-6	C-F	MIMSN-W812	1	MT	140				03/31/88

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10"	RHE-CF-11	P-E	2624-7	C-F	MIMSN-W812	1	MT	224				04/20/88
12"	RHG-CF-30	P-E	CBI-73	C-F	MIMSN-W812	1	MT	169			5	04/04/88
					CUT 1.1	0	UT 0	218	217	070		04/20/88
					MIUP-W812	1*	UT 0	220	219	070		04/20/88
					MIUP-W812	1*	UT 45	222	221	216		04/20/88
12"	RHG-CF-31	E-P	CBI-73	C-F	MIMSN-W812	1	MT	168			5	04/04/88
					CUT 1.1	0	UT 0	218	217	070		04/20/88
					MIUP-W812	1*	UT 0	220	219	070		04/20/88
					MIUP-W812	1*	UT 45	222	221	216		04/20/88
	RPB-CF-26	P-V		C-F	MIMSN-W812	1	MT	095				04/06/88
8"	SDS-CF- 1	CAP-P	13095.19	C-F	MIMSN-W812	1	MT	225				04/20/88
8"	SDS-CF- 9	P-P	13095.19	C-F	IP-W812	1	PT	022				03/31/88
8"	SDS-CF-12	P-E	13095.19	C-F	IP-W812	1	PT	052				03/31/88
8"	SW-CF-1	P-T	13095.19	C-F	MIMSN-W812	1	MT	081				03/25/88

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	CRD-EES SDH-122	SUP	CP-009	F-A	IV3-W812 IV4-W812	3 2	VT 3 VT 4	175 176				04/20/88 04/20/88
	CRD-FFS SDH-131	SUP	CP-009	F-A	IV3-W812 IV4-W812	3 2	VT 3 VT 4	175 176				04/20/88 04/20/88
	MS-H101A	SUP	2629-1	F-A	IV3-W812 IV4-W812	3 2	VT 3 VT 4	093 094				04/22/88 04/22/88
	PSR- 1	SUP	EP1A21B2	F-A	IV3-W812 IV4-W812	3 2	VT 3 VT 4	199 200				04/12/88 04/12/88
	RH-H61	SUP	2624-3A	F-A	IV3-W812 IV4-W812	3 2	VT 3 VT 4	079 080				04/06/88 04/06/88
	CRD-1N	SUP	CP-009	F-B	IV3-W812 IV4-W812	3 2	VT 3 VT 4	270 271				05/19/88 05/19/88
	CRD-1S SDH-121	SUP	CP-009	F-B	IV3-W812 IV4-W812	3 2	VT 3 VT 4	175 176				04/20/88 04/20/88
	CRD-2N	SUP	CP-009	F-B	IV3-W812 IV4-W812	3 2	VT 3 VT 4	270 271				05/19/88 05/19/88

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	CRD-2S	SUP	CP-009	F-B	IV3-W812	3	VT 3	270				05/19/88
					IV4-W812	2	VT 4	271				05/19/88
	CRD-3N	SUP	CP-009	F-B	IV3-W812	3	VT 3	270				05/19/88
					IV4-W812	2	VT 4	271				05/19/88
	CRD-3S	SUP	CP-009	F-B	IV3-W812	3	VT 3	270				05/19/88
					IV4-W812	2	VT 4	271				05/19/88
	CRD-4N	SUP	CP-009	F-B	IV3-W812	3	VT 3	270				05/19/88
					IV4-W812	2	VT 4	271				05/19/83
	CRD-4S	SUP	CP-009	F-B	IV3-W812	3	VT 3	270				05/19/88
					IV4-W812	2	VT 4	271				05/19/88
	CRD-5N	SUP	CP-009	F-B	IV3-W812	3	VT 3	270				05/19/88
					IV4-W812	2	VT 4	271				05/19/88
	CRD-5S	SUP	CP-009	F-B	IV3-W812	3	VT 3	270				05/19/88
					IV4-W812	2	VT 4	271				05/19/88
	CRD-6N	SUP	CP-009	F-B	IV3-W812	3	VT 3	270				05/19/88
					IV4-W812	2	VT 4	271				05/19/88

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	CRD-6S	SUP	CP-009	F-B	IV3-W812	3	VT 3	270				05/19/88
					IV4-W812	2	VT 4	271				05/19/88
	CRD-7N	SUP	CP-009	F-B	IV3-W812	3	VT 3	270				05/19/88
					IV4-W812	2	VT 4	271				05/19/88
	CRD-7S	SUP	CP-009	F-B	IV3-W812	3	VT 3	270				05/19/88
					IV4-W812	2	VT 4	271				05/19/88
	CRD-8N	SUP	CP-009	F-B	IV3-W812	3	VT 3	270				05/19/88
					IV4-W812	2	VT 4	271				05/19/88
	CRD-8S	SUP	CP-009	F-B	IV3-W812	3	VT 3	270				05/19/88
					IV4-W812	2	VT 4	271				05/19/88
	CRD-9N	SUP	CP-009	F-B	IV3-W812	3	VT 3	270				05/19/88
					IV4-W812	2	VT 4	271				05/19/88
	CRD-9S	SUP	CP-009	F-B	IV3-W812	3	VT 3	270				05/19/88
					IV4-W812	2	VT 4	271				05/19/88
	CRD-BBS	SUP	CP-009	F-B	IV3-W812	3	VT 3	270				05/19/88
					IV4-W812	2	VT 4	271				05/19/88

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	CRD-CC-1N SDS-109	SUP	CP-009	F-B	IV3-W812 IV4-W812	3 2	VT 3 VT 4	262 263				05/18/88 05/18/88
	CRD-CC-1S SDS-124	SUP	CP-009	F-B	IV3-W812 IV4-W812	3 2	VT 3 VT 4	262 263				05/18/88 05/18/88
	CRD-CC-2N	SUP	CP-009	F-B	IV3-W812 IV4-W812	3 2	VT 3 VT 4	270 271				05/19/88 05/19/88
	CRD-CC-2S SDS-123	SUP	CP-009	F-B	IV3-W812 IV4-W812	3 2	VT 3 VT 4	175 176				04/20/88 04/20/88
	CRD-HHS	SUP	CP-009	F-B	IV3-W812 IV4-W812	3 2	VT 3 VT 4	270 271				05/19/88 05/19/88
	CRD-MN SDS-104	SUP	CP-009	F-B	IV3-W812 IV4-W812	3 2	VT 3 VT 4	175 176				04/20/88 04/20/88
	CU-H92	SUP	2605-4	F-B	IV3-W812 IV4-W812	3 2	VT 3 VT 4	187 188				04/06/88 04/06/88
	HP-H10	SUP	2511-6	F-B	IV3-W812 IV4-W812	3 2	VT 3 VT 4	112 113				04/11/88 04/11/88

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	HP-H22	SUP	2611-1	F-B	IV3-W812	3	VT 3	262				05/18/88
					IV4-W812	2	VT 4	263				05/18/88
	HP-H6	SUP	2605-1	F-B	IV3-W812	3	VT 3	260				04/22/88
					IV4-W812	2	VT 4	261				04/22/88
	HP-H6A	SUP	2609-1	F-B	IV3-W812	3	VT 3	262				05/18/88
					IV4-W812	2	VT 4	263				05/18/88
	HP-H6B	SUP	2709-1	F-B	IV3-W812	3	VT 3	262				05/18/88
					IV4-W812	2	VT 4	263				05/18/88
	HP-H7	SUP	2609-1	F-B	IV3-W812	3	VT 3	038				04/11/88
					IV4-W812	2	VT 4	039				04/11/88
					IV3-W812	3	VT 3	038				
					IV4-W812	2	VT 4	039				
	HP-H7A	SUP	2609-1	F-B	IV3-W812	3	VT 3	262				05/18/88
					IV4-W812	2	VT 4	263				05/18/88
	HP-S17	SUP	2609-1	F-B	IV3-W812	3	VT 3	256				04/22/88
					IV4-W812	2	VT 4	257				04/22/88

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	MS-H101	SUP	2629-1	F-B	IV3-W812	3	VT 3	093				04/22/88
					IV4-W812	2	VT 4	094				04/22/88
	MS-H157	SUP	2614-3	F-B	IV3-W812	3	VT 3	256				04/22/88
					IV4-W812	2	VT 4	257				04/22/88
	MS-H157A	SUP	2614-3	F-B	IV3-W812	3	VT 3	256				04/22/88
					IV4-W812	2	VT 4	257				04/22/88
	PSRH-1	SUP	EP1A21B2	F-B	IV3-W812	3	VT 3	199				04/12/88
					IV4-W812	2	VT 4	200				04/12/88
	RF-H12A	SUP	2849-4	F-B	IV3-W812	3	VT 3	025				04/20/88
					IV4-W812	2	VT 4	026				04/20/88
	RF-H41	SUP	2623-2	F-B	IV3-W812	3	VT 3	256				04/22/88
					IV4-W812	2	VT 4	257				04/22/88
	RF-H55	SUP	2623-3	F-B	IV3-W812	3	VT 3	264				05/18/88
					IV4-W812	2	VT 4	265				05/18/88
	RF-H59	SUP	2623-3	F-B	IV3-W812	3	VT 3	264				05/18/88
					IV4-W812	2	VT 4	265				05/18/88

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	RF-H8	SUP	2649-4	F-B	IV3-W812	3	VT 3	025				04/20/88
					IV4-W812	2	VT 4	026				04/20/88
	RH-H119A	SUP	2624-3A	F-B	IV3-W812	3	VT 3	079				04/06/88
					IV4-W812	2	VT 4	080				04/06/88
	RH-H17A	SUP	2625-4	F-B	IV3-W812	3	VT 3	112				04/11/88
					IV4-W812	2	VT 4	113				04/11/88
	RH-H54	SUP	2625-4	F-B	IV3-W812	3	VT 3	093				04/22/88
					IV4-W812	2	VT 4	094				04/22/88
	RH-H64	SUP	2624-5	F-B	IV3-W812	3	VT 3	093				04/22/88
					IV4-W812	2	VT 4	094				04/22/88
	RH-H9A	SUP	2625-1	F-B	IV3-W812	3	VT 3	093				04/22/88
					IV4-W812	2	VT 4	094				04/22/88
	BS-H92	SUP	2601-1	F-C	IV3-W812	3	VT 3	264				05/18/88
					IV4-W812	2	VT 4	265				05/18/88
	CS-H4	SUP	2603-1	F-C	IV3-W812	3	VT 3	112				04/11/88
					IV4-W812	2	VT 4	113				04/11/88

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	CU-H49	SUP	2603-1	F-C	IV3-W812	3	VT 3	207				04/12/88
					IV4-W812	2	VT 4	208				04/12/88
	CU-H93	SUP	2605-4	F-C	IV3-W812	3	VT 3	187				04/06/88
					IV4-W812	2	VT 4	188				04/06/88
	HA-3	SUP	731E611	F-C	IV3-W812	3	VT 3	193				04/21/88
					IV4-W812	2	VT 4	194				04/21/88
	HB-3	SUP	731E611	F-C	IV3-W812	3	VT 3	193				04/21/88
					IV4-W812	2	VT 4	194				04/21/88
	HC-3	SUP	731E611	F-C	IV3-W812	3	VT 3	193				04/21/88
					IV4-W812	2	VT 4	194				04/21/88
	HD-2	SUP	731E611	F-C	IV3-W812	3	VT 3	193				04/21/88
					IV4-W812	2	VT 4	194				04/21/88
	MS-H100	SUP	2629-1	F-C	IV3-W812	3	VT 3	256				04/22/88
					IV4-W812	2	VT 4	257				04/22/88
	MS-H108	SUP	2629-1	F-C	IV3-W812	3	VT 3	256				04/22/88
					IV4-W812	2	VT 4	257				04/22/88

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	MS-H109	SUP	2629-1	F-C	IV3-W812	3	VT 3	040				04/07/88
					IV4-W812	2	VT 4	041				04/12/88
	MS-H110	SUP	2629-1	F-C	IV3-W812	3	VT 3	079				04/06/88
					IV4-W812	2	VT 4	080				04/06/88
	MS-H118	SUP	2614-3	F-C	IV3-W812	3	VT 3	038				04/11/88
					IV4-W812	2	VT 4	039				04/11/88
	MS-H132	SUP	2506-1	F-C	IV3-W812	3	VT 3	256				04/22/88
					IV4-W812	2	VT 4	257				04/22/88
	MS-H134	SUP	2506-1	F-C	IV3-W812	3	VT 3	256				04/22/88
					IV4-W812	2	VT 4	257				04/22/88
	MS-H154	SUP	2614-3	F-C	IV3-W812	3	VT 3	112				04/11/88
					IV4-W812	2	VT 4	113				04/11/88
	MS-H155	SUP	2614-3	F-C	IV3-W812	3	VT 3	175				04/20/88
					IV4-W812	2	VT 4	176				04/20/88
	MS-H155A	SUP	2614-3	F-C	IV3-W812	3	VT 3	214				04/20/88
					IV4-W812	2	VT 4	215				04/20/88

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	MS-H159	SUP	2614-3	F-C	IV3-W812	3	VT 3	256				04/22/88
					IV4-W812	2	VT 4	257				04/22/88
	MS-H160	SUP	2614-3	F-C	IV3-W812	3	VT 3	256				04/22/88
					IV4-W812	2	VT 4	257				04/22/88
	MS-H167	SUP	731E611	F-C	IV3-W812	3	VT 3	193				04/21/88
					IV4-W812	2	VT 4	194				04/21/88
	MS-H168	SUP	731E611	F-C	IV3-W812	3	VT 3	193				04/21/88
					IV4-W612	2	VT 4	194				04/21/88
	MS-H169	SUP	731E611	F-C	IV3-W812	3	VT 3	193				04/21/88
					IV4-W812	2	VT 4	194				04/21/88
	MS-H170	SUP	731E611	F-C	IV3-W812	3	VT 3	193				04/21/88
					IV4-W812	2	VT 4	194				04/21/88
	MS-S111A	SUP	2629-1	F-C	IV3-W812	3	VT 3	269				05/19/88
					IV4-W812	2	VT 4	290				05/19/88
	MS-S15A	SUP	2529-1	F-C	IV3-W812	3	VT 3	199				04/12/88
					IV4-W812	2	VT 4	200				04/12/88

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	MS-S2	SUP	2614-3	F-C	IV3-W812	3	VT 3	262				05/18/88
					IV4-W812	2	VT 4	263				05/18/88
	MS-S3	SUP	2614-3	F-C	IV3-W812	3	VT 3	258				04/21/88
					IV4-W812	2	VT 4	259				04/21/88
	MS-S76	SUP	2629-1	F-C	IV3-W812	3	VT 3	199				04/12/88
					IV4-W812	2	VT 4	200				04/12/88
	MS-VR-S-73 DC# 87-056	SUP	2628-1	F-C	IV3-W812	3	VT 3	272				05/19/88
					IV4-W812	2	VT 4	273				05/19/88
	RF-H112	SUP	2509-1	F-C	IV3-W812	3	VT 3	025				04/20/88
					IV4-W812	2	VT 4	026				04/20/88
	RF-H13	SUP	2509-1	F-C	IV3-W812	3	VT 3	025				04/20/88
					IV4-W812	2	VT 4	026				04/20/88
	RF-H54	SUP	2623-3	F-C	IV3-W812	3	VT 3	264				05/18/88
					IV4-W812	2	VT 4	265				05/18/88
	RF-H73	SUP	2509-1	F-C	IV3-W812	3	VT 3	207				04/12/88
					IV4-W812	2	VT 4	208				04/12/88

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	RF-H74	SUP	2509-1	F-C	IV3-W812	3	VT 3	177				04/06/88
					IV4-W812	2	VT 4	178				04/06/88
	RF-S11	SUP	2509-2	F-C	IV3-W812	3	VT 3	289				05/19/88
					IV4-W812	2	VT 4	290				05/19/88
	RF-S12	SUP	2509-2	F-C	IV3-W812	3	VT 3	289				05/19/88
					IV4-W812	2	VT 4	290				05/19/88
	RF-S4	SUP	2623-2	F-C	IV3-W812	3	VT 3	185				04/06/88
					IV4-W812	2	VT 4	186				04/06/88
					IV3-W812	3	VT 3	185				04/27/88
					IV4-W812	2	VT 4	186				04/27/88
	RH-H117A	SUP	2624-3B	F-C	IV3-W812	3	VT 3	165				04/11/88
					IV4-W812	2	VT 4	166				04/11/88
	RH-H12	SUP	2625-4	F-C	IV3-W812	3	VT 3	063				04/27/88
					IV4-W812	2	VT 4	064				04/27/88
	RH-H13	SUP	2625-4	F-C	IV3-W812	3	VT 3	063				04/27/88
					IV4-W812	2	VT 4	064				04/27/88

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	RH-H139	SUP	2624-6	F-C	IV3-W812	3	VT 3	165				04/11/88
					IV4-W812	2	VT 4	166			04/11/88	
	RH-H142	SUP	2624-7	F-C	IV3-W812	3	VT 3	185				04/06/88
					IV4-W812	2	VT 4	186			04/06/88	
	RH-H20	SUP	2625-3	F-C	IV3-W812	3	VT 3	093				04/22/88
					IV4-W812	2	VT 4	094			04/22/88	
	RH-H31	SUP	2624-1	F-C	IV3-W812	3	VT 3	175				04/20/88
					IV4-W812	2	VT 4	176			04/20/88	
	RH-H53	SUP	2625-3	F-C	IV3-W812	3	VT 3	177				04/06/88
					IV4-W812	2	VT 4	178			04/06/88	
	RH-H57	SUP	2624-3A	F-C	IV3-W812	3	VT 3	093				04/22/88
					IV4-W812	2	VT 4	094			04/22/88	
	RH-H59	SUP	2624-3A	F-C	IV3-W812	3	VT 3	079				04/06/88
					IV4-W812	2	VT 4	080			04/06/88	
	RH-H63	SUP	2624-3B	F-C	IV3-W812	3	VT 3	093				04/22/88
					IV4-W812	2	VT 4	094			04/22/88	

Note: * Work performed to FILED REVISION NUMBER 1 on applicable procedure

EXAM COMPONENT I.D. INDEX
COOPER NUCLEAR STATION
SPRING 1988

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Commercial Service Date: July 1984

National Board #20762

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Revision No. 10

Size	Exam Component I.D. Number	Comp. Fig.	Drawing	ASME CAT.	Procedure Number	Rev	Exam Type	EDS#	CDS#	LDS#	CNS CAL. STD NO.	ANII Init. Date
	RH-S27AB&R	SUP	2624-1	F-C	IV3-W812	3	VT 3	199				04/12/88
					IV4-W812	2	VT 4	200				04/12/88
	RH-S30	SUP	2624-5	F-C	IV3-W812	3	VT 3	093				04/22/88
					IV4-W812	2	VT 4	094				04/22/88
	RH-S32	SUP	2624-5	F-C	IV3-W812	3	VT 3	093				04/22/88
					IV4-W812	2	VT 4	094				04/22/88
	RH-S42	SUP	2624-3C	F-C	IV3-W812	3	VT 3	292				05/24/88
					IV4-W812	2	VT 4	293				05/24/88
	RH-S44	SUP	2626-4	F-C	IV3-W812	3	VT 3	289				05/19/88
					IV4-W812	2	VT 4	290				05/19/88
	RH-S56	SUP	2624-3A	F-C	IV3-W812	3	VT 3	079				04/06/88
					IV4-W812	2	VT 4	080				04/06/88
	RH-S57	SUP	2624-3A	F-C	IV3-W812	3	VT 3	079				04/06/88
					IV4-W812	2	VT 4	080				04/06/88
	RH-S58	SUP	2624-3A	F-C	IV3-W812	3	VT 3	079				04/06/88
					IV4-W812	2	VT 4	080				04/06/88

Note: * Work performed to FILED REVISION NUMBER 1 on applicable procedure

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COOPER NUCLEAR STATION
SPRING 1988

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Commercial Service Date: July 1984

National Board #20762

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Revision No. 10

Size	Exam Component I.D. Number	Comp. Fig.	Drawing	ASME CAT.	Procedure Number	Rev	Exam Type	EDS#	CDS#	LDS#	CNS CAL. STD NO.	ANII Init. Date
	RH-S65	SUP	2625-4	F-C	IV3-W812	3	VT 3	175				04/20/88
					IV4-W812	2	VT 4	176				04/20/88
	RH-S78	SUP	2625-1	F-C	IV3-W812	3	VT 3	093				04/22/88
					IV4-W812	2	VT 4	094				04/22/88
	RHG-H1	SUP	CBI-73	F-C	IV3-W812	3	VT 3	195				04/06/88
					IV4-W812	2	VT 4	196				04/06/88
	RHG-H2	SUP	CBI-73	F-C	IV3-W812	3	VT 3	195				04/06/88
					IV4-W812	2	VT 4	196				04/06/88
	RR-H1	SUP	RR-H1	F-C	IV3-W812	3	VT 3	195				04/06/88
					IV4-W812	2	VT 4	196				04/06/88
	RR-H5-A	SUP	RR-H5-A	F-C	IV3-W812	3	VT 3	195				04/06/88
					IV4-W812	2	VT 4	196				04/06/88
	RR-H5-B	SUP	RR-H5-B	F-C	IV3-W812	3	VT 3	195				04/06/88
					IV4-W812	2	VT 4	196				04/06/88
	RR-SS1-A	SUP	RR-SS1-A	F-C	IV3-W812	3	VT 3	195				04/06/88
					IV4-W812	2	VT 4	196				04/06/88

Note: * Work performed to FILED REVISION NUMBER 1 on applicable procedure

EXAM COMPONENT I.D. INDEX
COOPER NUCLEAR STATION
SPRING 1988

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Commercial Service Date: July 1984
National Board #30762

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Size	Exam Component I.D. Number	Comp. Fig.	Drawing	ASME CAT.	Procedure Number	Rev	Exam Type	EDS#	CDS#	LDS#	CNS CAL. STD NO.	ANII Init. Date
	RR-SS1-B	SUP	RR-SS1-B	F-C	IV3-W812	3	VT 3	195				04/06/88
					IV4-W812	2	VT 4	196				
	SS-A3	SUP	731E611	F-C	IV3-W812	3	VT 3	195				04/06/88
					IV4-W812	2	VT 4	196				
	SS-B2	SUP	731E611	F-C	IV3-W812	3	VT 3	195				04/06/88
					IV4-W812	2	VT 4	196				
	SS-B3	SUP	731E611	F-C	IV3-W812	3	VT 3	195				04/06/88
					IV4-W812	2	VT 4	196				

Note: * Work performed to FILED REVISION NUMBER 1 on applicable procedure

EXAM COMPONENT I.D. INDEX
COOPER NUCLEAR STATION
SPRING 1988

NPPD Cooper Nuclear Station Unit #1 Page 42 of 44
Commercial Service Date: July 1984
National Board #20762

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Size	Exam Component I.D. Number	Comp. Fig.	Drawing	ASME CAT.	Procedure Number	Rev	Exam Type	EDS#	CDS#	LDS#	CNS CAL. STD NO.	ANII Init. Date
	ANCHOR BOLTS	BOLTS		AUG	MIUB-NX12	1*	UT 0	143	142	026		
	BREAKER VALVE	VALVE	4260	AUG	IV1-W812	3	VT 1	266				05/18/88
	CRD-BLADE	BLADE		AUG	IV1-W812	3	VT 1	197				
	CS LINES			AUG	IV3-W812	3	VT 3	044				04/07/88
	CS SPARGERS			AUG	VICSSS75CP		VT 3	045				04/07/88
	DOWNCOMER	DNC	4260	AUG	IV1-W812	3	VT 1	266				05/18/88
	FW NOZ IR			AUG	IV3-W812	3	VT 3	047				04/07/88
	FW SPARGERS			AUG	IV3-W812	3	VT 3	046				04/07/88
	JP WEDGES			AUG	VT-9	0	VT 3	048				
C	Loop-A Manway	Corner		AUG	IV3-W812	3	VT 3	209				04/20/88

Note: * Work performed to FILED REVISION NUMBER 1 on applicable procedure.

EXAM COMPONENT I.D. INDEX
COOPER NUCLEAR STATION
SPRING 1988

NPPD Cooper Nuclear Station Unit #1 Page 43 of 44
Commercial Service Date: July 1984
National Board #20762

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Size	Exam Component I.D. Number	Comp. Fig.	Drawing	ASME CAT.	Procedure Number	Rev	Exam Type	EDS#	CDS#	LDS#	CNS CAL. STD NC.	ANII Init. Date
180	Loop-B Manway	Cover		AUG	IV3-W812	3	VT 3	172				04/06/88
	MSA-AB	BOLT	731E671	AUG	IV1-W812	3	VT 1	210				04/12/88
	MSB-AB	BOLT	731E671	AUG	IV1-W812	3	VT 1	210				04/12/88
	MSC-AB	BOLT	731E671	AUG	IV1-W812	3	VT 1	210				04/12/88
	MSD-AB	BOLT	731E671	AUG	IV1-W812	3	VT 1	210				04/12/88
	PENT. X-205	PENT.	4260	AUG	IV1-W812	3	VT 1	266				05/18/88
	PENT. X-25	PENT.	4259	AUG	IV1-W812	3	VT 1	266				05/18/88
	SHROUD HEAD BLT	BOLTS		AUG	TP508.1236	5	UT 45	151	151	151		
	SHROUD REPLACE	BOLTS		AUG	TP508.1236	5	UT 0	152	152	152		
	SKIRT - GIRDER	BOLTS		AUG	MIUB-NX12	1*	UT 0	145	144	076	N/A	04/09/88

Note: * Work performed to FILED REVISION NUMBER 1 on applicable procedure

EXAM COMPONENT I.D. INDEX
 COOPER NUCLEAR STATION
 SPRING 1988

NPPD Cooper Nuclear Station Unit #1 Page 44 of 44
 Commercial Service Date: July 1984
 National Board #20762

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Size	Exam Component I.D. Number	Comp. Fig.	Drawing	ASME CAT.	Procedure Number	Rev	Exam Type	EDS#	CDS#	LDS#	CNS CAL. STD NO.	ANII Init. Date
	VENT HEADER	HEAD	4260	AUG	IV1-W812	3	VT 1	266				05/18/88

Note: * Work performed to FILED REVISION NUMBER 1 on applicable procedure

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 1 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. _____
(Address) Expiration Date N/A
4. Identification of System Reactor Water Cleanup (RWCU)
5. (a) Applicable Construction Code USAS B31.7 19 69 Edition,
No Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RWCU-MOV-M057	Anchor/Darling	2	87-2709	Replacement	No

7. Description of Work Replaced valve with new valve.
8. Tests Conducted: Hydrostatic X Pneumatic _____
Nominal Operating Pressure _____
Other _____ Pressure 1375 psi Test Temp. 75 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [Signature] Date 8/24/88
 (Owner or Owner's Designee, Title)

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 or Province of NEBR and employed by HSB I&I CO of HARTFORD CONN have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature [Signature]

Commissions NSP196 NEBR (N, I)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 2 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System High Pressure Coolant Injection (HPCI)
5. (a) Applicable Construction Code USAS B31.7 19 68 Edition,
June 1968 Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
HPCI-MOV-MO25	Anchor/Darling	2	88-1464	Replacement	No

7. Description of Work Replace valve stem, stem nut, and disc nut.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure X
Other Pressure 1100 psi Test Temp. 75 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date 8/14/88
(Owner or Owner's Designee, Title)

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 or Province of NEBR and employed by HSB I Co. of HARTFORD CONN have inspected the components described in this Owner's Report during the period JANUARY 1988 to JUNE 1988, and state that 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.

Inspector's Signature [Signature]

Commissions 265794 NEBR (N.I.)
(National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
- P.O. Box 49, Columbus, NE 68601 Sheet 3 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
- P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No. Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
- Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Residual Heat Removal (RHR)
5. (a) Applicable Construction Code USAS B31.7 19 68 Edition,
June 1968 Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
KHR-MOV-MO25A	Anchor/Darling	1	87-0278	Repair	No

7. Description of Work Weld repair pressure seal area.
8. Tests Conducted: Hydrostatic X Pneumatic _____
Nominal Operating Pressure _____
Other _____ Pressure 1100 psi Test Temp. 75 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date 8/14/88
 (Owner or Owner's Designee, Title)

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 or Province of NEBR and employed by ABB I & Co. of WORTHAM CONN have inspected the components described in this Owner's Report during the period JANUARY 1988 to JUNE 1988, and state that 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.

Inspector's Signature [Signature]

Commissions NEB 1996 NEBR (N.E.)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
- P.O. Box 49, Columbus, NE 68601 Sheet 4 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
- P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No. Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
- Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Reactor Core Isolation Cooling (RCIC)
5. (a) Applicable Construction Code USAS B31.7 19 69 Edition,
No Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RCIC-AOV-AO22	Atwood/Morrill	1	88-0864	Repaired	N/A

7. Description of Work Install soft seat on disc.
8. Tests Conducted: Hydrostatic X Pneumatic _____
Nominal Operating Pressure _____
Other _____ Pressure 1210 psi Test Temp. 75 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June 1988. Also Code Case N-208, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date 8/19/88
 (Owner or Owner's Designee, Title)

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 or Province of NEBR and employed by USBITI Co. of HARTLAND CONN have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature [Signature]

Commissions NEBR 7986 NEBR (N.I)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 5 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Reactor Water Cleanup (RWCU)
5. (a) Applicable Construction Code USAS B31.7 19 69 Edition,
No Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replace and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
CWA-CF-40	N/A - Weld	2	88-1575	Repaired	No
CWA-CF-44	N/A - Weld	2	88-1575	Repaired	No

7. Description of Work Repair IGSCC indications in RWCU welds.
8. Tests Conducted: Hydrostatic X Pneumatic _____
Nominal Operating Pressure _____
Other _____ Pressure 1562 psi Test Temp. 75 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date 8/17/88
(Owner or Owner's Designee, Title)

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 or Province of NORC and employed by ASBEST CO. of WATFORD CONN have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature [Signature]

Commissions NBPT96 NORC (N.I)
(National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 6 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Reactor Water Cleanup (RWCU)
5. (a) Applicable Construction Code ASME Section III 19 83 Edition,
Summer 1983 Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RWCU-MOV-MO15	Anchor/Darling	1	87-2835	Repaired	No

7. Description of Work Flapper out liquid penetrant indication.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs
and replacements performed at Cooper Nuclear Station from January, 1987
through June, 1988. Also Code Case N-308, "Documentation of Repairs and
Replacements of Components in Nuclear Power Plants", is invoked through
the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this
repair conforms to the rules of the ASME Code, Section XI.
 (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date 8/19/88
 (Owner or Owner's Designee, Title)

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 or Province of NEBR and employed by HSB I & Co. of NORTON CINN have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature [Signature]

Commissions NSBP 79% NEBR (N.I)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
- P.O. Box 49, Columbus, NE 68601 Sheet 7 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
- P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No. Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
- Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Residual Heat Removal (RHR)
5. (a) Applicable Construction Code ASME Section VIII 19 68 Edition,
No Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RHR HX-A	SWECO	2	88-0769	Replacement	Yes
RHR HX-B	SWECO	2	88-0769	Replacement	Yes
RHR HX-A	SWECO	2	88-1847	Repaired	Yes
RHR HX-B	SWECO	2	88-1311	Repaired	Yes

7. Description of Work Add hinges to RHR Heat Exchanger channel covers weld buildup of baffle plates.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information items 1 through 6 on this 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.


9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair/replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed  Date 8/19/88
 (Owner or Owner's Designee, Title)

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 or Province of NBPR and employed by ASBESTO of WINDWARD COMM have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature 

Commissions NBPR NBPR (N.I.)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 8 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System High Pressure Coolant Injection (HPCI)
5. (a) Applicable Construction Code USAS B31.7 19 69 Edition,
No Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
HPCI-MOV-M016	Anchor/Darling	1	88-1382	Repaired	No

7. Description of Work Weld repair cracks in stellited disc seats.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure X
Other Pressure 1000 psi Test Temp. 200 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs
and replacements performed at Cooper Nuclear Station from January, 1987
through June, 1988. Also Code Case N-308, "Documentation of Repairs and
Replacements of Components in Nuclear Power Plants", is invoked through
the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this
repair conforms to the rules of the ASME Code, Section XI.
(repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date 8/1/88
(Owner or Owner's Designee, Title)

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 or Province of NEBR and employed by USB I & I CO. of WATSON CO. NE have inspected the components described in this Owner's Report during the period January 1987 to JUNE 1988, and state that 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.

Inspector's Signature [Signature]

Commissions NS 8796 NEBR (N.I.)
(National Board, State, Province, and Endorsements)

Date 5-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 9 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Residual Heat Removal (RHR)
5. (a) Applicable Construction Code USAS B31.7 19 68 Edition,
June 1968 Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RHR-RO-104A	Vickery-Simms	2	88-2147	Replaced	No
RHR-RO-104B	Vickery-Simms	2	88-2147	Replaced	No
RHR-RO-104C	Vickery-Simms	2	88-2147	Replaced	No
RHR-RO-104D	Vickery-Simms	2	88-2147	Replaced	No

7. Description of Work Replace restricting orifices and flanges with pipe.
8. Tests Conducted: Hydrostatic X Pneumatic _____
Nominal Operating Pressure _____
Other _____ Pressure 563 psi Test Temp. 75 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed *[Signature]* Date 8/19/88
 (Owner or Owner's Designee, Title)

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 or Province of NEBR and employed by HB-DE I Co. of LINCOLN CONN have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature *[Signature]*

Commissions NB 8796 NEBR (N.I)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
- P.O. Box 49, Columbus, NE 68601 Sheet 10 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
- P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No. Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
- Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Reactor Core Isolation Cooling (RCIC)
5. (a) Applicable Construction Code USAS B31.7 19 69 Edition,
No Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Classification	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RCIC-MOV-MO30	Anchor/Darling	2	88-2060	Replacement	No

7. Description of Work Replace stem clamp key with stronger material.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date _____ N/A _____

Signed _____ Date 8/14/88 _____
 (Owner or Owner's Designee, Title)

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 or Province of NEBRASKA and employed by NSB I&I CO. of WORTHWAD COUN have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature _____

Commissions NSB 296 NEBRASKA (N.I.) _____
 (National Board, State, Province, and Endorsements)

Date 8-24-88 _____

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
- P.O. Box 49, Columbus, NE 68601 Sheet 11 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
- P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No. Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
- Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Primary Containment (PC)
5. (a) Applicable Construction Code USAS B31.7 19 68 Edition,
June 1968 Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
PC-244AV Flanges	Unknown	2	88-1190	Repaired	No

7. Description of Work Drilled 1/8" diameter test ports into flanges.
8. Tests Conducted: Hydrostatic Pneumatic X
Nominal Operating Pressure
Other Pressure 58 psi Test Temp. 75 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed ENG. NIS-2 Date 8/14/88
 (Owner or Owner's Designee, Title)

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 or Province of NOVA and employed by NSB I & C Co. of WARRIOR CONN have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature

Commissions NSB 9796 NOVA (N.I.)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 12 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Primary Containment (PC)
5. (a) Applicable Construction Code USAS B31.7 19 68 Edition,
June 1968 Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
PC-230MV Flanges	Unknown	2	88-1190	Repaired	No
PC-231MV Flanges	Unknown	2	88-1190	Repaired	No
PC-232MV Flanges	Unknown	2	88-1190	Repaired	No
PC-233MV Flanges	Unknown	2	88-1190	Repaired	No
PC-243MV Flanges	Unknown	2	88-1190	Repaired	No

7. Description of Work Drilled 1/8" diameter test ports into flanges.
8. Tests Conducted: Hydrostatic Pneumatic X
Normal Operating Pressure
Other Pressure 58 psi Test Temp. 75 °F

NOTE: Supp rme sheets in form of lists, sketches, or drawings may be
use r (1) size is 8 1/2" x 11", (2) information in items 1
th his report is included on each sheet, and (3) each
red and the number of sheets is recorded at the top

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Date 6/19/88
 (Owner or Owner's Designee, Title)

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 or Province of NEBR and employed by HSB I & C of WARTBURG ROHN have inspected the components described in this Owner's Report during the period JANUARY 1988 to JUNE 1988, and state that 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.

Inspector's Signature

Commissions 168796 NEBR (N.I.)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 13 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System High Pressure Coolant Injection (HPCI)
5. (a) Applicable Construction Code USAS B31.7 19 68 Edition,
June 1968 Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RF-S4	N/A	2	88-1013	Replacement	No

7. Description of Work Rotate rear snubber basket to remove interference.
8. Tests Conducted: Hydrostatic _____ Pneumatic _____
Nominal Operating Pressure _____
Other _____ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed *E. J. ...* Date 8/19/88
 (Owner or Owner's Designee, Title)

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 or Province of NEBR and employed by WSB&I Co. of WATERLOO CONN have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature *John Stewart*

Commissions 60796 NEBR (N.E.)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 14 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System High Pressure Coolant Injection (HPCI)
5. (a) Applicable Construction Code USAS B31.7 19 69 Edition,
No Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
HP-47	N/A	2	88-2027	Replacement	No

7. Description of Work Repair damage from apparent water hammer.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
 (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date 8/19/88
 (Owner or Owner's Designee, Title)

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 or Province of NEBRASKA and employed by HSBET I CO. of HARTFORD CONN have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature [Signature]

Commissions NSB 796 NEBR (N.I.)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 15 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System High Pressure Coolant Injection (HPCI)
5. (a) Applicable Construction Code USAS B31.7 19 69 Edition,
No Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
HP-H23	N/A	2	88-2283	Replacement	No
HP-S18A	N/A	2	88-2283	Replacement	No
HP-H24	N/A	2	88-2283	Replacement	No

7. Description of Work Modify support to reduce member stresses.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date 8/1/88
 (Owner or Owner's Designee, Title)

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 or Province of NYS and employed by ASB I&I Co. of WARTLAND CORP have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature [Signature]

Commissions NBP 756 NYS (N.I.)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 16 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System High Pressure Coolant Injection (HPCI)
5. (a) Applicable Construction Code USAS B31.7 19 69 Edition,
No Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
HP-H26A	N/A	2	88-2283	Replacement	No
HP-H25	N/A	2	88-2283	Replacement	No
HP-S18	N/A	2	88-2283	Replacement	No
HP-S22A	N/A	2	88-2283	Replacement	No
HP-H23A	N/A	2	88-2283	Replacement	No

7. Description of Work Modify support to reduce member stresses.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

NOTE: 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 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs
and replacements performed at Cooper Nuclear Station from January, 1987
through June, 1988. Also Code Case N-308, "Documentation of Repairs and
Replacements of Components in Nuclear Power Plants", is invoked through
the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this
replacement conforms to the rules of the ASME Code, Section XI.
 (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Date 6/19/88
 (Owner or Owner's Designee, Title)

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 or Province of NEBR and employed by ASB SFC Co. of HARTFORD CONN have inspected the components described in this Owner's Report during the period JAN - Aug 1987 to JUNE 1988, and state that 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.

Inspector's Signature

Commissions NS 5796 NEBR (N.S.)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 17 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System High Pressure Coolant Injection (HPCI)
5. (a) Applicable Construction Code USAS B31.7 19 69 Edition,
No Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
HP-H43	N/A	2	88-2500	Replacement	No
HP-H44	N/A	2	88-2500	Replacement	No

7. Description of Work Replace bent 1/2" rods with identical rods.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date 8/1/88
 (Owner or Owner's Designee, Title)

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 or Province of NBBI and employed by ASBIF Co. of Hammond Conn have inspected the components described in this Owner's Report during the period JAN-June 1988 to JUNE 1988, and state that 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.

Inspector's Signature [Signature]

Commissions NB 8796 NBBI (N, S)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
- P.O. Box 49, Columbus, NE 68601 Sheet 18 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
- P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No. Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
- Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Reactor Feedwater (RF)
5. (a) Applicable Construction Code USAS L31.7 19 69 Edition,
No Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RF-S3	N/A	2	88-2052	Replacement	No
RF-H53	N/A	2	88-0420	Replacement	No
RF-S12	N/A	1	88-2863	Replacement	No

7. Description of Work Modify support to reduce member stresses.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

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9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed ENG. N/A Date 8/19/88
 (Owner or Owner's Designee, Title)

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 or Province of NEBR and employed by USBBEIC of HARTFORD CONN have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature

Commissions NB 5796 NEBR (N.I.)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 19 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Reactor Feedwater (RF)
5. (a) Applicable Construction Code USAS B31.1 19 67 Edition,
No Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RF-H7	N/A	1-ISI	88-1625	Repaired	No

7. Description of Work Flapper indication found during ISI. NOTE: B31.1 piping, but considered Class 1 in ISI Program.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

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9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date 6/19/88
(Owner or Owner's Designee, Title)

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 or Province of NEBR. and employed by NSB 25 I Co. of WESTERN CONN have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature [Signature]

Commissions NS 5796 NSB (N.S.)
(National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 20 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Reactor Feedwater (RF)
5. (a) Applicable Construction Code USAS B31.7 19 68 Edition,
June 1968 Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RF-S11	N/A	1	88-1670	Replacement	No
RF-S12	N/A	1	88-1670	Replacement	No

7. Description of Work Change stroke settings on RF-S11 and RF-S12.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

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9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed *E. J. ...* Date 8/12/88
 (Owner or Owner's Designee, Title)

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 or Province of NORR and employed by ASBESTIC Co. of HARTFORD CONN have inspected the components described in this Owner's Report during the period JAN - JUN 1988 to JUNE 1988, and state that 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.

Inspector's Signature *John Stane*

Commissions NB 8796 NORR (N, S)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 21 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Reactor Feedwater (RF)
5. (a) Applicable Construction Code USAS B31.7 19 69 Edition,
No Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RF-H56	N/A	2	88-2052	Replacement	No
RF-S4	N/A	2	88-2052	Replacement	No
RF-H53	N/A	2	88-2052	Replacement	No
RF-S5	N/A	2	88-2052	Replacement	No
RF-H57	N/A	2	88-2052	Replacement	No

7. Description of Work Modify support to reduce member stress.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed *[Signature]* ENG. REG. Date 8/19/88
 (Owner or Owner's Designee, Title)

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 or Province of NBIA and employed by ASB EIT Co. of WARTON CONN have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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 warrant, 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 personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature *[Signature]*

Commissions NB 8796 NBIA (NBI)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 22 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Reactor Feedwater (RF)
5. (a) Applicable Construction Code USAS B31.7 19 69 Edition,
No Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RF-H42	N/A	2	88-2052	Replacement	No
RF-H45	N/A	2	88-2052	Replacement	No
RF-H44	N/A	2	88-2052	Replacement	No
RF-S7	N/A	2	88-2052	Replacement	No
RF-S6	N/A	2	88-2052	Replacement	No

7. Description of Work Modify support to reduce member stress.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.


9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NI^c-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed  Date 8/14/88
 (Owner or Owner's Designee, Title)

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 or Province of NEBR and employed by NUSTAR CO. of WATERLOO CANN have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature 

Commissions 2138756 NEBR (N.I.)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 23 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Reactor Feedwater (RF)
5. (a) Applicable Construction Code USAS B31.7 19 69 Edition,
No Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RF-H42A	N/A	2	88-2052	Replacement	No
RF-H59A	N/A	2	88-2052	Replacement	No
RF-H62A	N/A	2	88-2052	Replacement	No
RF-H54A	N/A	2	88-2052	Replacement	No
RF-H58	N/A	2	88-2052	Replacement	No

7. Description of Work Modify support to reduce member stress.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.


9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed  Date 8/14/88
 (Owner or Owner's Designee, Title)

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 or Province of NEBR and employed by USBI&I Co. of MANHATTAN, KANSAS have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature 

Commissions NB1756 NEBR (N.I.)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 24 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Reactor Feedwater (RF)
5. (a) Applicable Construction Code USAS B31.7 19 69 Edition,
No Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RF-H70	N/A	1	88-2646	Replacement	No
RF-H63A	N/A	1	88-2646	Replacement	No
RF-S9	N/A	1	88-2646	Replacement	No
RF-H55	N/A	2	88-2052	Replacement	No
RF-H43	N/A	2	88-2052	Replacement	No

7. Description of Work Modify support to reduce member stress.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure _____
Other _____ Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date 5/11/88
 (Owner or Owner's Designee, Title)

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 or Province of NBIA and employed by HSB I & C of HARTFORD CONN have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature [Signature]

Commissions NBIA 752 NEAR (N.I.)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 25 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Reactor Feedwater (RF)
5. (a) Applicable Construction Code USAS B31.7 19 69 Edition,
No Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RF-H62	N/A	1	88-2731	Replacement	No
RF-H62A	N/A	1	88-2731	Replacement	No
RF-H68A	N/A	1	88-2731	Replacement	No
RF-H59B	N/A	2	88-2283	Replacement	No
RF-H71	N/A	1	88-2646	Replacement	No

7. Description of Work Modify support to reduce member stress.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date _____ N/A _____

Signed [Signature] _____ Date 2/1/88 _____
 (Owner or Owner's Designee, Title)

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 or Province of NORR and employed by HSB IBI Co. of CHARLOTTE CONN have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature [Signature] _____

Commissions NBS796 NORR (N.I.) _____
 (National Board, State, Province, and Endorsements)

Date 8-24-88 _____

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 26 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Reactor Water Cleanup (RWCU)
5. (a) Applicable Construction Code USAS B31.7 19 69 Edition,
No Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
CU-H50	N/A	1	88-3004	Replacement	No

7. Description of Work Modify support to reduce member stress.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.


9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed  Date 8/19/88
 (Owner or Owner's Designee, Title)

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 or Province of NEBR and employed by ASBESTI Co. of HARTLAND Conn have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature 

Commissions NB 8796 NEBR (N.I.)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 27 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Core Spray (CS)
5. (a) Applicable Construction Code ASME Section III 19 77 Edition,
Summer 1978 Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
CS-H28	NPS	2	88-1838	Replacement	No

7. Description of Work Replace bent rigid strut with identical strut.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

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9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed *E. J. ...* Date 8/19/88
 (Owner or Owner's Designee, Title)

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 or Province of NEBR and employed by HSB&I Co. of HARTFORD CONN have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature *J. Paul Schaub*

Commissions NO 8796 NEBR (N, I)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 28 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Main Steam (MS)
5. (a) Applicable Construction Code USAS B31.7 19 69 Edition,
No Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
MS-H138	N/A	2	88-2719	Replacement	No
MS-H136	N/A	2	88-2947	Replacement	No
MS-H99	N/A	2	88-2947	Replacement	No
MS-H149A	N/A	2	88-2683	Replacement	No

7. Description of Work Modify support to reduce member stress.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) sheet is 8 1/2" x 11", (2) information in items 1 through 6 on this sheet is included on each sheet, and (3) each sheet is numbered and total number of sheets is recorded at the top of this form.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____ Expiration Date _____ N/A _____

Signed [Signature] Date 8/1/88
 (Owner or Owner's Designee, Title)

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 or Province of NOVA and employed by HSBBI Co. of Hampton Road have inspected the components described in this Owner's Report during the period JANUARY 1988 to JUNE 1988, and state that 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.

Inspector's Signature [Signature]

Commissions NSBP 996 NOVA (N.I.)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 29 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Main Steam (MS)
5. (a) Applicable Construction Code USAS B31.7 19 68 Edition,
June 1988 Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
MS-S111A	N/A	2	88-2040	Replacement	No

7. Description of Work Remove interference between tie rod and rear bracket.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date 8/24/88
 (Owner or Owner's Designee, Title)

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 or Province of NEBR and employed by HSBIF Co. of WARTFIELD CONN have inspected the components described in this Owner's Report during the period JANUARY 1988 to JUNE 1988, and state that 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.

Inspector's Signature [Signature]
 Commissions NS 8756 NEBR (N.I.)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

F...ER'S REPORT FOR REPAIRS OR REPLACEMENTS
As per the Provisions of the ASME Code Section XI

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 30 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Residual Heat Removal (RHR)
5. (a) Applicable Construction Code USAS B31.7 19 68 Edition,
June 1968 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RH-S42	N/A	2	87-2961	Replacement	No

7. Description of Work Reposition rear snubber bracket for better alignment.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date 8/24/88
(Owner or Owner's Designee, Title)

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 or Province of NOR and employed by WABE I CO. of WABE I CO. have inspected the components described in this Owner's Report during the period January 1987 to JUNE 1988, and state that 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.

Inspector's Signature [Signature]

Commissions NB 796 NOR (N.I.)
(National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
- P.O. Box 49, Columbus, NE 68601 Sheet 31 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
- P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No. Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
- Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Residual Heat Removal (RHR)
5. (a) Applicable Construction Code ASME Section III 19 77 Edition,
Summer 1978 Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RH-S45	N/A	2	88-2035	Replacement	No
RH-H95A	N/A	2	88-2035	Replacement	No

7. Description of Work Modify supports due to larger operators on RHR-MO34A and B.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure _____
Other _____ Pressure _____ psi Test Temp. _____ °F

NOTE. 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 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date 8/1/88
 (Owner or Owner's Designee, Title)

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 or Province of NYS and employed by HSBETI CO. of WATKINS CANN have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature [Signature]

Commissions NB 7786 NYS (N.I.)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 32 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No. Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A

4. Identification of System Reboiler Heat Removal (RHR)
5. (a) Applicable Construction Code USAS B31.7 19 69 Edition,
No Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RH-H120	N/A	1	88-2646	Replacement	No
RH-S7	N/A	1	88-2646	Replacement	No
RH-S8	N/A	1	88-2683	Replacement	No
RH-S69	N/A	1	88-2683	Replacement	No

7. Description of Work Modify support to reduce member stresses.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed Bob L. Lehner Asst. P&O Supv. Date 8/24/88
 (Owner or Owner's Designee, Title)

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 or Province of NEBR and employed by HSBIS Inc of HARTMAN CONN have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature Bob L. Lehner

Commissions NB 8796 NEBR (N, I)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
- P.O. Box 49, Columbus, NE 68601 Sheet 33 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
- P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No. Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
- Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Residual Heat Removal (RHR)
5. (a) Applicable Construction Code USAS B31.7 19 69 Edition,
No Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RH-H54	N/A	2	88-2947	Replacement	No
RH-H65	N/A	2	88-2870	Replacement	No
RH-H24A	N/A	2	88-2947	Replacement	No
RH-H70A	N/A	1	88-2760	Replacement	No
RH-H120A	N/A	1	88-2760	Replacement	No

7. Description of Work Modify supports to reduce member stresses.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure _____
Other Pressure _____ psi Test Temp. _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½" x 11", (2) information in items 1 through 6 on this 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.

9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms with the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date 8/14/88
 (Owner or Owner's Designee, Title)

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 or Province of NYS and employed by HSB I&I Co. of HARTFORD CONN have inspected the components described in this Owner's Report during the period JANUARY 1987 to , and state that 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.

Inspector's Signature [Signature]

Commissions NBP 796 NYS (N.I.)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 34 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Residual Heat Removal (RHR)
5. (a) Applicable Construction Code ASME Section III 19 77 Edition,
Summer 1977 Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RH-S44B	NPS	2	88-2040	Replacement	No

7. Description of Work Remove interference between tie rod and rear bracket.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

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Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

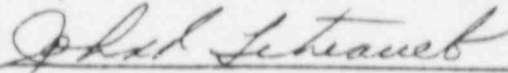
Certificate of Authorization No. N/A Expiration Date N/A

Signed  Date 8/19/88
 (Owner or Owner's Designee, Title)

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 or Province of NEBR and employed by NSB 23 I CU of WATFORD COAL have inspected the components described in this Owner's Report during the period January 1987 to JUNE 1988, and state that 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.

Inspector's Signature 

Commissions NSB 796 NEBR (N.S.)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
- P.O. Box 49, Columbus, NE 68601 Sheet 35 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
- P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No. Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
- Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Residual Heat Removal (RHR)
5. (a) Applicable Construction Code USAS B31.7 19 69 Edition,
No Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RH-H122	N/A	2	88-2500	Replacement	No

7. Description of Work Add 1" locking nut to U-bolt.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

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9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

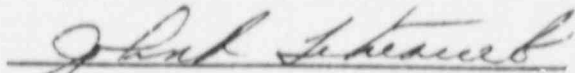
Certificate of Authorization No. N/A Expiration Date N/A

Signed  ENG. REG. Date 6/19/88
 (Owner or Owner's Designer, Title)

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 or Province of NEBR and employed by USBIT, INC. of MARKLE CONN have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature 

Commissions NB8756 NEBR (N.I.)
 (National Board, State, Province, and Endorsements)

Date 5-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 36 of 37
(Address)
2. Plant Cooper Nuclear Station Unit One
(Name)
P.O. Box 98, Brownville, NE 68321 N/A
(Address) (Repair Organization, P.O. No.
Job No. Etc.)
3. Work Performed By Owner Type Code Symbol Stamp N/A
(Name)
Same Authorization No. N/A
(Address) Expiration Date N/A
4. Identification of System Residual Heat Removal (RHR)
5. (a) Applicable Construction Code USAS B31.7 19 68 Edition,
June 1968 Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
Piping Downstream of RH-H54	N/A	2	88-3003	Repaired	No

7. Description of Work Flapper out pipe indications near RH-H54.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure _____
Other _____ Pressure _____ psi Test Temp. _____°F

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9. Remarks This NIS-2 Report provides the required information on repairs and replacements performed at Cooper Nuclear Station from January, 1987 through June, 1988. Also Code Case N-308, "Documentation of Repairs and Replacements of Components in Nuclear Power Plants", is invoked through the use of Form NIS-2 for reporting.
Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date 6/19/88
 (Owner or Owner's Designee, Title)

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 or Province of NEBR and employed by HB & I CO. of AMERICAN CORP have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature [Signature]

Commissions NB8796 NEBR (N, I)
 (National Board, State, Province, and Endorsements)

Date 8-24-88

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

1. Owner Nebraska Public Power District Date August 19, 1988
(Name)
P.O. Box 49, Columbus, NE 68601 Sheet 37 of 37
(Address)
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(Name)
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(Address) Expiration Date N/A
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5. (a) Applicable Construction Code USAS B31.7 19 69 Edition,
No Addenda, N/A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or
Replacements 19 80.
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Nuclear Class	Work Document Number	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
RH-S71	N/A	1	88-2683	Replacement	No

7. Description of Work Modify support to reduce member stress.
8. Tests Conducted: Hydrostatic Pneumatic
Nominal Operating Pressure
Other Pressure psi Test Temp. °F

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Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI. (repair or replacement)

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] Date 9/19/88
 (Owner or Owner's Designee, Title)

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 or Province of Nebraska and employed by HSB F I CO. of HARVARD CONN have inspected the components described in this Owner's Report during the period JANUARY 1987 to JUNE 1988, and state that 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.

Inspector's Signature [Signature]

Commissions NPB 296 NEBR (N.I.)
 (National Board, State, Province, and Endorsements)

Date 8-29-88