



444 South 16th Street Mall
Omaha NE 68102-2247

August 30, 2002
LIC-02-0096

U. S. Nuclear Regulatory Commission
ATTN.: Document Control Desk
Washington, DC 20555

- References:
1. Docket No. 50-285
 2. Letter from OPPD (S. Gambhir) to NRC (Document Control Desk) Dated June 22, 1998 (LIC-98-0082)

SUBJECT: Fort Calhoun Station Unit No. 1 2002 Refueling Outage Inservice Inspection Results and NIS-1 and NIS-2 Forms


Technical Specification Section 5.9.3a and the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, Subsection IWA-6230, require that Omaha Public Power District (OPPD) submit the subject information for Fort Calhoun Station Unit No. 1 (FCS).

Please find enclosed the Inservice Inspection (ISI) results for the FCS 2002 Refueling Outage (RFO), Form NIS-1 "Owner's Report for Inservice Inspections." Also enclosed is the Form NIS-2 "Owner's Report for Repairs or Replacements," for applicable repairs and replacements completed during Fuel Cycle No. 20, including those completed during FCS 2002 RFO.

Included in the NIS-1 Form is a listing of exams performed with less than 100% of Code required volumetric coverage during the 2002 RFO. In Reference 2, OPPD committed to provide this information on the NIS-1 Form.

No commitments are made to the NRC in this letter. If you have any questions or require additional information, please contact Dr. R. L. Jaworski of my staff at 402-533-6833.

Sincerely,



R. T. Ridenoure
Division Manager
Nuclear Operations

A047

U. S. Nuclear Regulatory Commission

LIC-2-0096

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Enclosures

1. Form NIS-1, Owner's Report for Inservice Inspections
2. Form NIS-2, Owner's Report for Repair/Replacement Activity

c: E. W. Merschoff, NRC Regional Administrator, Region IV
A. B. Wang, NRC Project Manager
John G. Kramer, NRC Senior Resident Inspector
Winston & Strawn

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner Omaha Public Power District, 444 S. 16th Mall, Omaha, NE 68102-2247
(Name and Address of Owner)
2. Plant Fort Calhoun Station, P.O. Box 550, Fort Calhoun, NE 68023
(Name and Address of Plant)
3. Plant Unit 1 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date 09/23/73 6. National Board Number for Unit N/A
7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
	See attached pages for all exams performed			

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information 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.

FORM NIS-1 (Back)

8. Examination Dates 09/01/01 to 05/31/02
9. Inspection Period Identification Third Period
10. Inspection Interval Identification Third Interval
11. Applicable Edition of Section XI 1989/1992 Addenda N/A/1992
12. Date/Revision of Inspection Plan March 27, 1998 Rev 3A

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan.

See attachments

14. Abstract of Results of Examinations and Tests.

See attachments

15. Abstract of Corrective Measures.

See attachments

We certify that a) the statements made in this report are correct, b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) N/A Expiration Date N/A
Date August 22 19 2002 Signed W. H. Corry By OPPD
Owner

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 CT of Hartford, CT have inspected the components described in this Owner's Report during the period 09/01/01 to 05/31/02, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, 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.

W. H. Corry Commissions NB11047 A, N, I, C, NS 10094 NE
Inspector's Signature National Board, State, Province, and Endorsements
Date Aug 22 19 2002

2002 REFUELING OUTAGE ASME SECTION XI EXAMS
Unit 1, Comm. Op. 9/26/73

	A	B	C	D	E	G	J	N
	CATEGORY	ITEM #	TYPE	COMPONENT	DESCRIPTION	ISO #	RESULTS	EXAM
1	C-F-2	C5 51		28-MS-2001/01	SAFE END TO ELBOW	B-03	ACCEPTABLE	MT/UT
2	C-F-2	C5 51		28-MS-2001/02	ELBOW TO PIPE	B-03	ACCEPTABLE	MT/UT
3	C-F-2	C5 51		28-MS-2001/03	PIPE TO ELBOW	B-03	ACCEPTABLE	MT/UT
4	C-F-2	C5 51		28-MS-2001/04	ELBOW TO PIPE	B-03	ACCEPTABLE	MT/UT
5	B-K-1	B10 10		12-SDC-20/13-PL-3	INTEGRAL ATTACHMENT	A-42	ACCEPTABLE	PT
6	B-J	B9 32		12-SI-24/11-BC	BRANCH CONNECTION (3-HPH-24)	A-25	ACCEPTABLE	PT
7	C-F-1	C5 30		2-CH-26/08	PIPE TO ELBOW	B-79	ACCEPTABLE	PT
8	C-F-1	C5 30		2-CH-26/09	ELBOW TO PIPE	B-79	ACCEPTABLE	PT
9	B-J	B9 40		2-HPH-1 12/16	PIPE TO ELBOW	A-35	ACCEPTABLE	PT
10	B-J	B9 40		2-HPH-1,12/17	ELBOW TO PIPE	A-35	ACCEPTABLE	PT
11	B-J	B9 40		2-HPH-1,12/18	PIPE TO TEE	A-35	ACCEPTABLE	PT
12	B-J	B9 40		2-HPH-1,14/32	PIPE TO ELBOW	A-34	ACCEPTABLE	PT
13	B-J	B9 40		2-HPH-1,14/33	ELBOW TO PIPE	A-34	ACCEPTABLE	PT
14	B-J	B9 40		2-HPH-1,14/34	PIPE TO REDUCER	A-34	ACCEPTABLE	PT
15	B-J	B9 21		3-HPH-12/01	REDUCER TO TEE	A-30	ACCEPTABLE	PT
16	B-J	B9 11		12-SDC-20/09	PIPE TO ELBOW	A-42	ACCEPTABLE	PT/UT
17	B-J	B9.11		12-SDC-20/10	ELBOW TO PIPE	A-42	ACCEPTABLE	PT/UT
18	B-J	B9 11		12-SDC-20/11	PIPE TO ELBOW	A-42	ACCEPTABLE	PT/UT
19	F-A	F1 10	A	12-SI-12/14-PR	TRAPEZE, SADDLE, U-BOLT	A-22	ACCEPTABLE	VT-3
20	F-A	F1 20	B	2-CH-26/07-PR-3	ANGLE, U-BOLT	B-79	ACCEPTABLE	VT-3
21	F-A	F1 10	B	2-HPH-2.12/19-PR-1	ANGLE, U-BOLT	A-38	NO NUTS, INSTALL NEW NUTS, SEE 21-RE	VT-3
22	F-A	F1 20	B	4-CH-13/09-PR	FULL BOX	B-76	ACCEPTABLE	VT-3
23	F-A	F1.20	A	4-CH-13/11-PR	ROD, 3-BOLT	B-76	ACCEPTABLE	VT-3
24	F-A	F1.20	B	4-CH-13/11-PR-2	FULL BOX, LUGS	B-76	ACCEPTABLE	VT-3
25	F-A	F1 20	A	4-CH-13/13-PR	STRUT, 3-BOLT	B-76	ACCEPTABLE	VT-3
26	F-A	F1.10	C	6-SI-14/09-PR-2	SPRING CAN, 3-BOLT, ROD	A-27	ACCEPTABLE	VT-3
27	B-G-1	B6.10		RPV-G1-N-01	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
28	B-G-1	B6.10		RPV-G1-N-26	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
29	B-G-1	B6.10		RPV-G1-N-27	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
30	B-G-1	B6.10		RPV-G1-N-28	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
31	B-G-1	B6 10		RPV-G1-N-29	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
32	B-G-1	B6 10		RPV-G1-N-30	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
33	B-G-1	B6.10		RPV-G1-N-31	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
34	B-G-1	B6 10		RPV-G1-N-32	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
35	B-G-1	B6 10		RPV-G1-N-33	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
36	B-G-1	B6.10		RPV-G1-N-34	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
37	B-G-1	B6.10		RPV-G1-N-35	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
38	B-G-1	B6.10		RPV-G1-N-36	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
39	B-G-1	B6 10		RPV-G1-N-37	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
40	B-G-1	B6 10		RPV-G1-N-38	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
41	B-G-1	B6 10		RPV-G1-N-39	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
42	B-G-1	B6.10		RPV-G1-N-40	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
43	B-G-1	B6 10		RPV-G1-N-41	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
44	B-G-1	B6 10		RPV-G1-N-42	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
45	B-G-1	B6 10		RPV-G1-N-43	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
46	B-G-1	B6.10		RPV-G1-N-44	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
47	B-G-1	B6.10		RPV-G1-N-45	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
48	B-G-1	B6 10		RPV-G1-N-46	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
49	B-G-1	B6 10		RPV-G1-N-47	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
50	B-G-1	B6 10		RPV-G1-N-48	RPV CLOSURE NUT	A-01A	ACCEPTABLE	MT
51	B-O	B14 10		RPVCH-CRD-BO-37	CEDM HOUSING WELD	A-02A	ACCEPTABLE	PT
52	B-O	B14 10		RPVCH-CRD-BO-37-1	CEDM HOUSING WELD	A-02A	ACCEPTABLE	PT
53	B-O	B14 10		RPVCH-CRD-BO-37-2	CEDM HOUSING WELD	A-02A	ACCEPTABLE	PT
54	N/A	N/A		CEDM 11 (NON-CODE)	CEDM MACHINED AREA	A-02A	ACCEPTABLE	UT
55	N/A	N/A		CEDM 7 (NON-CODE)	CEDM MACHINED AREA	A-02A	ACCEPTABLE	UT

2002 REFUELING OUTAGE ASME SECTION XI EXAMS
Unit 1, Comm. Op. 9/26/73

	A	B	C	D	E	G	J	N
	CATEGORY	ITEM #	TYPE	COMPONENT	DESCRIPTION	ISO #	RESULTS	EXAM
56	B-G-2	B7 50		3-HPH-22/FE-319	FLANGE BOLTING	A-32	ACCEPTABLE	VT-1
	N/A	N/A		RC-3C	RCP FLOW SPLITTING BAFFLES	A-9A	ACCEPTABLE	VT-3
57	B-G-2	B7 50		3-HPH-14/FE-313	FLANGE BOLTING	A-31	ACCEPTABLE	VT-1
58	B-M-1	B12 40		12-SDC-20/HCV-347-M1	VALVE BODY WELD (INLET SIDE)	A-42	ACCEPTABLE	UT
59	C-G	C6.20		12-SDC-2020/HCV-347	VALVE BODY WELD (OUTLET)	B-11	ACCEPTABLE	PT
60	C-F-1	C5 30		2-CH-15/16	VALVE TO PIPE	B-65	ACCEPTABLE	PT
61	C-F-1	C5 30		2-CH-15/18	COUPLING TO PIPE	B-65	ACCEPTABLE	PT
62	C-F-1	C5 30		2-CH-22/35	TEE TO REDUCER	B-72	ACCEPTABLE	PT
63	C-F-1	C5 30		2-CH-22/36	TEE TO PIPE	B-72	ACCEPTABLE	PT
64	C-F-1	C5 30		2-CH-22/38	VALVE TO PIPE	B-72	ACCEPTABLE	PT
65	C-F-1	C5 30		2-CH-22/39	PIPE TO ELBOW	B-72	ACCEPTABLE	PT
66	C-F-1	C5.11		12-LPH-2001/14	TEE TO PIPE	B-16	ACCEPTABLE	PT/UT
67	C-F-1	C5 12		12-LPH-2001/14D	LONG SEAM WELD	B-16	ACCEPTABLE	PT/UT
68	C-F-1	C5 11		12-LPH-2001/16	ELBOW TO PIPE	B-16	ACCEPTABLE	PT/UT
69	C-F-1	C5 12		12-LPH-2001/16D	LONG SEAM WELD	B-16	ACCEPTABLE	PT/UT
70	C-F-1	C5 12		12-LPH-2001/16U	LONG SEAM WELD	B-16	ACCEPTABLE	PT/UT
71	C-F-1	C5 21		2 5-CH-16/04	PIPE TO REDUCER	B-66	ACCEPTABLE	PT/UT
72	C-F-1	C5 21		4-CH-10/12	PIPE TO ELBOW	B-73	ACCEPTABLE	PT/UT
73	C-F-1	C5 21		4-CH-10/19	PIPE TO VALVE	B-73	ACCEPTABLE	PT/UT
74	C-F-1	C5 21		4-CH-10/21	PIPE TO ELBOW	B-73	ACCEPTABLE	PT/UT
75	C-F-1	C5 21		4-CH-10/22	ELBOW TO PIPE	B-73	ACCEPTABLE	PT/UT
76	C-F-1	C5 21		4-CH-10/26	ELBOW TO ELBOW	B-73	ACCEPTABLE	PT/UT
77	C-F-1	C5 21		4-CH-10/27	ELBOW TO PIPE	B-73	ACCEPTABLE	PT/UT
78	B-G-2	B7.70		12-SDC-20/HCV-347	VALVE BOLTING	A-42	ACCEPTABLE	VT-1
79	F-A	F1.20	A	12-LPH-2001/16-PR	STRUT, 3-BOLT T/B	B-16	ACCEPTABLE	VT-3
80	F-A	F1.20	A	2-CH-22/21-PR	ROD & CLEVIS	B-72	ACCEPTABLE	VT-3
81	F-A	F1 20	B	2-CH-22/23-PR	ANGLE, U-BOLT	B-72	ACCEPTABLE	VT-3
82	F-A	F1 20	B	2-CH-22/32-PR	I-BEAM, DUAL U-BOLT	B-72	ACCEPTABLE	VT-3
83	F-A	F1 20	A	4-CH-10/15-PR	DUAL PEDESTAL, 3/4 BOX	B-73	ACCEPTABLE	VT-3
84	F-A	F1 20	C	6-AC-2001/02-PR	TRUNNION, SPRING CAN	B-48	ACCEPTABLE	VT-3
85	C-F-1	C5 11		12-LPSI-2003/19	PIPE TO ELBOW	B-18	ACCEPTABLE	PT/UT
86	C-F-1	C5 12		12-LPSI-2003/19U	LONG SEAM WELD	B-18	ACCEPTABLE	PT/UT
87	C-F-1	C5 11		12-LPSI-2003/20	ELBOW TO PIPE	B-18	ACCEPTABLE	PT/UT
88	C-F-1	C5 11		12-LPSI-2003/20A	PIPE TO ELBOW	B-18	ACCEPTABLE	PT/UT
89	C-F-1	C5.11		12-SDC-2002/17	PIPE TO FLANGE	B-22	ACCEPTABLE	PT/UT
90	C-F-1	C5.12		12-SDC-2002/17U	LONG SEAM WELD	B-22	ACCEPTABLE	PT/UT
91	C-F-1	C5 11		12-SDC-2002/20	ELBOW TO PIPE	B-22	ACCEPTABLE	PT/UT
92	C-F-1	C5.11		12-SDC-2003/13	ELBOW TO ELBOW	B-22A	ACCEPTABLE	PT/UT
93	F-A	F1 20	A	12-LPSI-2003/21-PR-1	ROD & CLEVIS	B-18	ACCEPTABLE	VT-3
94	C-F-1	C5 41		12-CSS-2001/01-BC-2	BRANCH (8-CSS-2002)	B-19	ACCEPTABLE	PT
95	C-F-1	C5 41		4-CH-12/10-BC	BRANCH CONNECTION	B-75	ACCEPTABLE	PT
96	C-C	C3 20		8-LPSI-2002/10-PR-3A	INTEGRAL ATTACHMENT	B-30	ACCEPTABLE	PT
97	C-F-1	C5 11		12-CSS-2001/01	CAP TO PIPE	B-19	ACCEPTABLE	PT/UT
98	C-F-1	C5 12		12-CSS-2001/01D	LONG SEAM WELD	B-19	ACCEPTABLE	PT/UT
99	C-F-1	C5 11		12-CSS-2011/08	PIPE TO REDUCER	B-39	ACCEPTABLE	PT/UT
100	C-F-1	C5 12		12-CSS-2011/08U	LONG SEAM WELD	B-39	ACCEPTABLE	PT/UT
101	C-F-1	C5 11		12-CSS-2011/09	REDUCER TO FLANGE (10")	B-39	ACCEPTABLE	PT/UT
102	C-F-1	C5 11		12-CSS-2012/06	PIPE TO ELBOW	B-39	ACCEPTABLE	PT/UT
103	C-F-1	C5 12		12-CSS-2012/06U	LONG SEAM WELD	B-39	ACCEPTABLE	PT/UT
104	C-F-1	C5 11		12-CSS-2012/07	ELBOW TO PIPE	B-39	ACCEPTABLE	PT/UT
105	C-F-1	C5 12		12-CSS-2012/07D	LONG SEAM WELD	B-39	ACCEPTABLE	PT/UT
106	C-F-1	C5 11		12-LPSI-2002/03	ELBOW TO PIPE	B-17	ACCEPTABLE	PT/UT
107	C-F-1	C5 12		12-LPSI-2002/03D	LONG SEAM WELD	B-17	ACCEPTABLE	PT/UT
108	C-F-1	C5 11		12-LPSI-2002/07	PIPE TO ELBOW	B-17	ACCEPTABLE	PT/UT
109	C-F-1	C5.11		12-SDC-2020/20	PIPE TO TEE	B-11	ACCEPTABLE	PT/UT
111	C-F-1	C5.12		12-SDC-2020/20U	LONG SEAM WELD	B-11	ACCEPTABLE	PT/UT
112	C-F-1	C5 21		4-CH-12/08	ELBOW TO PIPE	B-75	ACCEPTABLE	PT/UT

2002 REFUELING OUTAGE ASME SECTION XI EXAMS
Unit 1, Comm Op 9/26/73

	A	B	C	D	E	G	J	N
	CATEGORY	ITEM #	TYPE	COMPONENT	DESCRIPTION	ISO #	RESULTS	EXAM
113	F-A	F1.20	A	12-CSS-2012/03-PR	STRUT, 3-BOLT	B-39	ACCEPTABLE	VT-3
114	F-A	F1 20	B	4-CH-12/04-PR	FULL BOX	B-75	ACCEPTABLE	VT-3
115	F-A	F1 20	C	8-LPSI-2002/10-PR-4	TRAPEZE, DUAL SPRING	B-30	ACCEPTABLE	VT-3
116	F-A	F1 40	B	CSS-SI-3C-1	PUMP SUPPORT ASSEMBLY	B-47	ACCEPTABLE	VT-3
117	F-A	F1 40	B	CSS-SI-3C-2	PUMP SUPPORT ASSEMBLY	B-47	ACCEPTABLE	VT-3
118	F-A	F1 40	B	LPSI-SI-1B-1	PUMP SUPPORT ASSEMBLY	B-47	ACCEPTABLE	VT-3
119	F-A	F1 40	B	LPSI-SI-1B-2	PUMP SUPPORT ASSEMBLY	B-47	ACCEPTABLE	VT-3
120	C-F-2	N/A		10-AC-2003/23	ELBOW TO PIPE	B-56	ACCEPTABLE	MT/UT
121	C-F-2	N/A		10-AC-2004/25	PIPE TO PIPE	B-57	ACCEPTABLE	MT/UT
122	C-F-1	C5.11		12-CSS-2005/03	ELBOW TO PIPE	B-38	ACCEPTABLE	PT/UT
123	C-F-1	C5 12		12-CSS-2005/03D	LONG SEAM WELD	B-38	ACCEPTABLE	PT/UT
125	C-F-1	C5 11		12-CSS-2005/04	PIPE TO ELBOW	B-38	ACCEPTABLE	PT/UT
127	C-F-1	C5 12		12-CSS-2005/04U	LONG SEAM WELD	B-38	ACCEPTABLE	PT/UT
128	F-A	F1 20	B	10-AC-2001/14-PR	PEDESTAL, U-BOLT	B-50	ACCEPTABLE	VT-3
129	F-A	F1 20	B	10-AC-2004/36-PR	PEDESTAL, U-BOLT	B-57	ACCEPTABLE	VT-3
130	F-A	F1 20	A	10-AC-2004/36-PR-1	STRUT, U-BOLT	B-57	ACCEPTABLE	VT-3
131	F-A	F1 20	C	12-CSS-2005/03-PR-1	SPRING CAN, 3-BOLT	B-38	ACCEPTABLE	VT-3
132	F-A	F1.20	A	12-CSS-2005/03-PR-2	STRUT, 3-BOLT	B-38	ACCEPTABLE	VT-3
133	B-J	B9 11	PSI EXAM	6-SI-22/03	VALVE TO ELBOW	A-28	ACCEPTABLE	PT/UT
134	B-J	B9 11	PSI EXAM	6-SI-22/04	ELBOW TO PIPE	A-28	ACCEPTABLE	PT/UT
21-1	F-A	F1.10	B	2-HPH-2.12/17-PR	ANGLE, U-BOLT	A-38	ACCEPTABLE	VT-3
21-2	F-A	F1.10	A	2-HPH-2 12/19-PR-2	ROD & CLEVIS	A-38	ACCEPTABLE	VT-3
21-3	F-A	F1.10	B	2-HPH-2 12/11-PR	ANGLE, U-BOLT	A-38	ACCEPTABLE	VT-3
21-RE	F-A	F1.10	B	2-HPH-2 12/19-PR-1	ANGLE, U-BOLT	A-38	ACCEPTABLE	VT-3
	NOTE	ALL	CLASS	1,2, AND 3 SNUBBERS	WERE VISUALLY EXAMINED			

Fort Calhoun 2002 Refueling Outage ISI Exams With Less Than 100% ASME Code Coverage

YEAR	COMPONENT ID	CAUSE OF LIMITATION	% COVERAGE	ISO #	CATEGORY	ITEM	CONFIGURATION	SYSTEM
2002	28-MS-2001/02	ADJACENT 2" BRANCH CONNECTION	98.8	B-03	C-F-2	C5.51	ELBOW TO PIPE	MAINSTEAM
2002	12-SDC-20/HCV-347-M1	VALVE BODY WELD (SINGLE SIDE ACCESS)	50	A-42	B-M-1	B12.40	VALVE BODY WELD (INLET SIDE)	SHUT DOWN COOLING
2002	4-CH-10-19	PIPE TO VALVE (SINGLE SIDE ACCESS)	50	B-73	C-F-1	C5.21	PIPE TO VALVE	CHARGING
2002	12-SDC-2002/17	PIPE TO FLANGE (SINGLE SIDE ACCESS)	50	B-22	C-F-1	C5.11	PIPE TO FLANGE	SHUT DOWN COOLING
2002	12-LPH-2001/14	TEE TO PIPE (SINGLE SIDE ACCESS)	50	B-16	C-F-1	C5.11	TEE TO PIPE	LOW PRESSURE SAFETY INJECTION
2002	12-CSS-2011/09	REDUCER TO FLANGE (SINGLE SIDE ACCESS)	50	B-39	C-F-1	C5.11	REDUCER TO FLANGE	CONTAINMENT SPRAY SYSTEM
2002	6-SI-22/03	VALVE TO ELBOW, 1" BRANCH CONNECTION (SINGLE SIDE ACCESS)	49.6	A-28	B-J	B9.11	VALVE TO ELBOW	SAFETY INJECTION
2002	6-SI-22/04	1" BRANCH CONNECTION	95.2	A-28	B-J	B9.11	ELBOW TO PIPE	SAFETY INJECTION
2002	12-SDC-2020/20	SINGLE SIDED EXAM	50	B-11	C-F-1	C5.11	PIPE TO TEE	SHUTDOWN COOLING

ASME Section XI Concrete Inspection and Tendon Testing

Concrete inspection was completed in January 2002. The general inspection (VT-3C) of accessible areas resulted in 43 concrete containment locations warranting more detailed inspection. Detailed (VT-1C) inspections of the identified areas found none requiring repair or indicating additional inspection was necessary. This inspection included conduct of the thirtieth year tendon testing and was conducted in accordance with ASME Section XI Subsection IWL and the Fort Calhoun Station IWE & IWL Program Plan. Test results for each of the thirteen (13) tendons selected for testing were within acceptance limits. No tendon repairs were required as a result of the inspection. Detailed reports are available on site for review.

Preservice Examinations

Preservice VT-1 Inspections of replaced bolting were performed on the following class 1 components.

LCV-101-1 Bonnet bolting
LCV-101-2 Bonnet bolting
RC-2A Manway bolting
RC-3C Case cover bolting
RC-4 Manway bolting
RC-6 Grayloc bolting
RC-141 Inlet flange bolting
RC-142 Inlet flange bolting

Preservice VT-3 visual inspections were performed on the following equipment/piping supports.

SISP- 51, SISP-52, SISP-53, SISP-54, SISP-55
SIH-139
SIH-134

Preservice NDE inspections were performed on the following welds. Reference drawing E-2520 IC-76, file 35623.

VT and RT inspections were performed on piping welds 12A, 13, 14, 15 and 15A on ISI isometric drawing A-22.

PT and VT inspections were performed on the trunnion welds on 12-SI-12/14-PS.

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2002 REFUELING OUTAGE
AT FORT CALHOUN
UNIT 1, COMM. OP. 9/26/73

FORT CALHOUN STATION
POST OFFICE BOX 550
FORT CALHOUN, NE 68023

Visual Inspections of Snubbers on Class 1, 2 and 3 Systems

VT-3 visual inspections were performed on all snubbers on class 1, 2, and 3 systems using the following surveillance tests.

MM-ST-HSS-0001 Revision 7
MM-ST-HSS-0002 Revision 7
MM-ST-HSS-0003 Revision 11
MM-ST-HSS-0005 Revision 6
MM-ST-HSS-0006 Revision 5
MM-ST-HSS-0007 Revision 3
MM-ST-MSS-0001 Revision 13

The following repairs were made as a result of the VT-3 inspections of snubbers.

RCP-B2 = a binding condition was corrected.
RCS-1 = the snubber was replaced due to low fluid level.
SIS-134 = the extension paddle was replaced.

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SYSTEM PRESSURE TESTS PERFORMED - FORT CALHOUN STATION
DURING CYCLE 20 AND 2002 REFUELING OUTAGE

TEST PERFORMED	SYSTEM TESTED
IC-ST-AE-3114	PENETRATION
IC-ST-AE-3124	PENETRATION
IC-ST-AE-3130	PENETRATION
IC-ST-AE-3125	PENETRATION
IC-ST-AE-3169	PENETRATION
OP-ST-RC-3007	REACTOR COOLANT
QC-ST-CH-3001	CVCS
QC-ST-CH-3002	CVCS
QC-ST-CH-3005	CVCS
QC-ST-MS-3001	MAIN STEAM
QC-ST-MX-3001	BORATED SYSTEMS
QC-ST-MX-3002	BORATED SYSTEMS
QC-ST-SFP-3001	AC-SPENT FUEL POOL
QC-ST-SFP-3002	AC-SPENT FUEL POOL
QC-ST-SI-3003	SAFETY INJECTION
QC-ST-SI-3008	SAFETY INJECTION
QC-ST-SL-3001	PRIMARY SAMPLE
QC-ST-SL-3002	PRIMARY SAMPLE
QC-ST-SL-3004	PRIMARY SAMPLING
QC-ST-SL-3005	PRIMARY SAMPLING
QC-ST-WDL-3001	WASTE DISPOSAL
SE-ST-NG-3001	NITROGEN GAS
SE-ST-SDC-3003	SHUTDOWN COOLING
SE-ST-SI-3027	SAFETY INJECTION

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code, Section XI

1. Owner Omaha Public Power District Date 08/22/2002
Name
444 S. 16th Street, Mall Omaha, NE
Address
2. Plant Fort Calhoun Station Unit NO. 1
Name
P.O. Box 550, Fort Calhoun NE 68023 Omaha Public Power District
Address Repair/Replacement Organization P.O. No., Job No., etc
3. Work Performed by Omaha Public Power District Type Code Symbol Stamp N/A
Name Authorization No. N/A
See above Expiration Date N/A
Address
4. Identification of System See attached sheets
See attached sheets
- 5 (a) Applicable Construction Code _____, 19 Edition, _____ Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989

6. Identification of Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No	National Board No	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
See attached sheets							

7. Description of Work See attached sheets

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure _____ psi Test Temp. _____ °F
See attached sheets

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



FORM NIS-2 (Back)

9. Remarks N/A

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

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

Signed Mel R. Cove MANAGER - System Engineering date August 22, 19 2002
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 CT of Hartford, CT have inspected the components described in this Owner's Report during the period 07/06/2001 to 08/22/2002, 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

K. Saltzman Commissions NB 11047A, N, I, C, NS 10094NE
Inspector's Signature National Board, State, Province, and Endorsements

Date Aug 22, 19 2002

OPPD
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OMAHA, NE 68102

UNIT 1
COMMERCIAL OPS 09/26/1973

FT CALHOUN STATION
P.O. BOX 550
FT CALHOUN, NE 68023

ASME COMPONENTS REPAIRED/REPLACED - FORT CALHOUN STATION
DURING CYCLE 20 AND 2002 REFUELING OUTAGE

WORK DOCUMENT	COMPONENT	CL.	SER. NO	MANUF.	NAT'L BOARD NO.	SYS.	WORK PERFORMED	APPLICABLE CONSTRUCTION CODE	YEAR BUILT	ASME CODE STAMP Y/N	REPAIR/ REPLACEMENT	TEST CONDUCTED
WO 69085-01	SI-216	1	51295-X-6391	TRW MISSION	N/A	SI	REPLACED VALVE & PIPING	USAS B31 7 68 DRAFT	1971	N	REPLACEMENT	PT, RT, VT, VT-2 (2100PSI/532F) CC N-416-1
WO 67570-01	RW-125	3	N/A	ATWOOD & MORRILL	N/A	RW	REPLACED VALVE	ASME III 83S84	1973	N	REPLACEMENT	VT-2 (35PSI/83F)
WO 69085-01	SIH-139	1	N/A	N/A	N/A	SI	REPAIRED SUPPORT	USAS B31.7 68 DRAFT	1971	N	REPAIR	VT-3
CWO 00-0032	CH-24	3	N/A	N/A	N/A	CVCS	INSTALLED PIPING & VALVE	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	PT, VT, VT-2 (35PSI/110F) CC N-416-1
WO 59957-01	RC-3C CCW SUPPLY PIPING	2	N/A	N/A	N/A	CCW	REPLACED PIPING & U-BOLTS	USAS B31 7 68 DRAFT	1970	N	REPLACEMENT	PT, VT, VT-2, (94PSI/51F) CC N-416-1
WO 69787-01	AC-12B	3	4495	S P KINNEY	N/A	AC-RW	REPLACED STRAINER & BOLTING	USAS B31.7 68 DRAFT	N/A	N	REPLACEMENT	VT-2 (31PSI/63F)
WO 70573-01	AC-12B PIPING	3	N/A	N/A	N/A	AC-RW	REPLACED BACKWASH PIPING	USAS B31 7 68 DRAFT	N/A	N	REPLACEMENT	VT, VT-2 (188PSI/63F)
EC 25333	SA-143, SA-144, SA-193, SA-194	3	N/A	IMI NORGRN	N/A	SA	REPLACED VALVES	CONTRACT 763	1989	N	REPLACEMENT	VT-2 (180PSI/AMB)
WO 43901-01	HCV-1042A	2	N/A	SCHUTTE & KEORTING	N/A	MS	MACHINED DISC	USAS B31 7 68 DRAFT	1973	N	REPAIR	PT, VT, VT-2 (900PSI/520F)
WO 92441-01	HCV-2809C & HCV-2809D SUPPORTS	3	N/A	N/A	N/A	AC-RW	MODIFIED SUPPORTS	USAS B31 7 68 DRAFT	1973	N	REPAIR	VT
WO 81783-02 & WO 82338-02	CVCS HEADERS	2	N/A	N/A	N/A	CVCS	REPLACED PIPING AND HANGERS	USAS B31 7 68 DRAFT	1971	N	REPLACEMENT	PT, VT, VT-2, (2224PSI/83F) CC N-416-1
WO 84987-01	CCW Suports	2	N/A	N/A	N/A	CCW	REPLACED U-BOLTS & REPAIRED STRAP	ASME III 74	1981	N	REPAIR & REPLACEMENT	VT
WO 54786-01	VALVE SI-410	2	N/A	N/A	N/A	SI	INSTALLED NEW PIPING & VALVE	USAS B31.7 68 DRAFT	N/A	N	REPLACEMENT	PT, VT, VT-2, CC N-416-1
WO 54786-01	PENETRATION M-22	2	N/A	GRAVER TANK & FABRICATION	N/A	AE	REPAIRED WELD F-1	ASME III 68	1969	N	REPAIR	PT, VT, VT-2 (LLRT)
WO 100487-01 WO 100488-01	FC-020-031 FC-030-004	ALL	N/A	FRONEK A/DE	N/A	VARIOUS	ADDED A NEW 20 & 30 KIP BP SNUBBER TO THE EXISTING POPULATION	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	N/A - ADDED TWO NEW BP SNUBBERS TO EXISTING POPULATION
WO 116145-01	SIS-134	1	N/A	BERGEN PATERSON	N/A	SI-LP	REPLACED EXTENSION PADDLE	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	VT, VT-3
WO 101309-01	HCV-442	2	4664152	FISHER	N/A	AC-CCW	REPLACE STEM & SEAT RING	USAS B31 7 68 DRAFT	1973	N	REPLACEMENT	VT-2 (100PSI/80F)
WO 102886-01	HCV-443	2	4662153	FISHER	N/A	AC-CCW	REPLACE STEM & SEAT RING	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	VT-2 (100PSI/80F)
WO 102885-01	HCV-445	2	4662155	FISHER	N/A	AC-CCW	REPLACE STEM & SEAT RING	USAS B31 7 68 DRAFT	1973	N	REPLACEMENT	VT-2 (100PSI/80F)
WO 115880-01	TCV-202	1	4662067	FISHER	N/A	CVCS	REPLACE STEM/PLUG & SEAT RING	ASME III 65	1973	N	REPLACEMENT	VT-2 (2150PSI/440F)
WO 106627-01	CH-198	2	N/A	FLOWSERVE	N/A	CVCS	REPLACED BONNET	ASME III 83S83	1993	N	REPLACEMENT	VT-2 (2150PSI/150F)
WO 78154-09	RC-3C	1	671-N-0031	BYRON JACKSON	N/A	RC	REPLACED PUMP COVER & COVER STUDS/NUTS	ASME III 68	1973	N	REPLACEMENT	VT-2 (2150PSI/440F)

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UNIT 1
COMMERCIAL OPS 09/26/1973

FT CALHOUN STATION
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ASME COMPONENTS REPAIRED/REPLACED - FORT CALHOUN STATION
DURING CYCLE 20 AND 2002 REFUELING OUTAGE

WORK DOCUMENT	COMPONENT	CL.	SER. NO	MANUF.	NAT'L BOARD NO.	SYS.	WORK PERFORMED	APPLICABLE CONSTRUCTION CODE	YEAR BUILT	ASME CODE STAMP Y/N	REPAIR/ REPLACEMENT	TEST CONDUCTED
EC 27239	SI-345 & SI-346	2	N/A	VARIOUS	N/A	SI-CS	INSTALLED PIPE, FITTINGS, VALVES	USAS B31 7 68 DRAFT	1973	N	REPLACEMENT	PT, VT, VT-2, (400PSI/80F) CC N-416-1
EC 27239	SISP-51, 52, 53, 54, 55	2	N/A	N/A	N/A	SI-CS	INSTALLED RESTRAINTS	CONTRACT 763	2002	N	REPLACEMENT	VT, VT-3
WO 106662-01	CH-189	2	N/A	FLOWSERVE	N/A	CVCS	REPLACED BONNET	ASME III 83S83	1993	N	REPLACEMENT	VT-2 (2250PSI/115F)
WO 106524-01	PCV-210	3	6910-95003-2-1	COPESE-VULCAN	N/A	CVCS	REPLACED PLUG/STEM	USAS B31 7 68 DRAFT	1973	N	REPLACEMENT	VT-2 (250PSI/115F)
WO 54623-01	LCV-101-1	1	1025-1	YARWAY	N/A	CVCS	REPLACED PLUG/STEM & NUTS	ANSI B31.1 67	1973	N	REPLACEMENT	VT, VT-2 (2150PSI/440F)
WO 97771-01	LCV-101-2	1	1025-2	YARWAY	N/A	CVCS	REPLACED PLUG/STEM & NUTS	ANSI B31 1 67	1973	N	REPLACEMENT	VT, VT-2 (2150PSI/440F)
WO 106572-01	PCV-103-2	1	10057796	FISHER	N/A	RC	MACHINED SEAT & STEM, REPLACED PLUG/STEM	ANSI B31.1 80	1973	N	REPLACEMENT	VT, VT-2 (2150PSI/440F)
WO 116389-01	HCV-1041A	2	N/A	SCHUTTE & KEORTING	N/A	MS	MACHINED BONNET	USAS B31.7 68 DRAFT	1973	N	REPAIR	VT, VT-2 (890PSI/530F)
WO 98261-01	HCV-1042B	2	N/A	SCHUTTE & KEORTING	N/A	MS	MACHINED BONNET & DISC	USAS B31 7 68 DRAFT	1973	N	REPAIR	PT, VT, VT-2 (888PSI/500F)
WO 90303-01	TE-107	1	N/A	CE	N/A	RC	REINSTALLED THERMOWELL	ASME III 65W66	1973	N	REPAIR	PT, VT, VT-2, (2150PSI/440F) CC N-416-1
WO 102665-01	RC-2A	1	66505	CE	20880	RC	INSTALLED TUBE PLUGS	ASME III 65W66	1970	Y	REPAIR	N/A CC N-474-1
WO 102708-01	RC-2B	1	66506	CE	20880	RC	INSTALLED TUBE PLUGS	ASME III 65W66	1970	Y	REPAIR	N/A CC N-474-1
WO 116835-01	HCV-1041A	2	N/A	SCHUTTE & KEORTING	N/A	MS	INSTALL HELI-COILS	USAS B31 7 68 DRAFT	1973	N	REPAIR	VT-1, CC N-496-1 VT-2 (530PSI/890F)
WO 101547-02	FW-163	2	49021	MISSION	N/A	FW-AFW	WELD REPAIR DISK HINGES	USAS B31.7 68 DRAFT	1973	N	REPAIR	VT, PT VT-2 (750PSI/532F)
WO 106571-01	PCV-103-1	2	N/A	FISHER	N/A	RC	MACHINED STEM, REPLACED STEM, WELD REPAIR	ANSI B31 1 1980	1973	N	REPAIR & REPLACEMENT	VT, PT, VT-2 (2150PSI/440F)
WO 97764-01	TE-121H	1	N/A	CE	N/A	RC	REPLACED THERMOWELL	USAS B31 7 68 DRAFT	1973	N	REPLACEMENT	VT, PT, CC N-416-1 VT-2 (2150PSI/440F)
WO 122617-01	CH-1A	2	N/A	MANTON GAULIN	N/A	CVCS	REPLACED TOP CAPS	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	VT-2 (2245PSI/90F)
CWO 02-0003 EC 27564	RC-3A, RC-3B, RC 3C, RC-3D	1	671N0029 THRU 671N0032	BYRON JACKSON	N/A	RC	MACHINED SEAL FLANGES & REPLACED SEALS WITH TYPE N SEALS	ASME III 65/S66	1970	N	REPAIR & REPLACEMENT	PT, VT-2 (2150PSI/440F)
WO 106659-01	CH-188	2	N/A	FLOWSERVE	N/A	CVCS	REPLACED BONNET	ASME III 83S83	1993	N	REPLACEMENT	VT-2 (2180PSI/117F)
WO 59958-01	RC-3D CCW SUPPLY PIPING	2	N/A	N/A	N/A	CCW	REPLACED PIPING & U-BOLTS, REPAIRED ARC STRIKES	USAS B31 7 68 DRAFT	1970	N	REPAIR & REPLACEMENT	PT, VT, VT-2, (99PSI/62F) CC N-416-1
WO 67885-01	FW-162	2	54628	MISSION	N/A	FW	REPLACED BOLTING	USAS B31 7 68 DRAFT	1973	N	REPLACEMENT	VT-2 (750PSI/100F)
WO 37378-01	AC-10	3	691-H0430	BYRON JACKSON	N/A	AC-RW	REPLACED NUTS & STUDS	CONTRACT 763	1973	N	REPLACEMENT	N/A
WO 98840-01	RC-142	1	N/A	CROSBY	N/A	RC	REPLACED NUTS	USAS B31 7 68 DRAFT	1973	Y	REPLACEMENT	VT-2 (2150PSI/440F)
WO 98838-01	RC-141	1	N/A	CROSBY	N/A	RC	REPLACED NUTS	USAS B31 7 68 DRAFT	1973	Y	REPLACEMENT	VT-2 (2150PSI/440F)

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ASME COMPONENTS REPAIRED/REPLACED - FORT CALHOUN STATION
 DURING CYCLE 20 AND 2002 REFUELING OUTAGE

WORK DOCUMENT	COMPONENT	CL.	SER. NO	MANUF.	NAT'L BOARD NO.	SYS.	WORK PERFORMED	APPLICABLE CONSTRUCTION CODE	YEAR BUILT	ASME CODE STAMP Y/N	REPAIR/ REPLACEMENT	TEST CONDUCTED
WO 102682-01	RC-2B	2	66506	CE	20880	MS	REPLACED NUTS & STUDS	ASME III 65W66	1970	Y	REPLACEMENT	VT-2 (890PSI/530F)
WO 90318-01	RC-4	1	66602	CE	20852	RC	REPLACED NUTS	ASME III 65W66	1970	Y	REPLACEMENT	VT-2 (2150PSI/440F)
WO 115992-01	HCV-1041A	2	N/A	SCHUTTE-KOERTING	N/A	MS	REPLACED NUTS & STUDS	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	VT-2 (890PSI/530F)
WO 118528-03	RM-053	3	N/A	N/A	N/A	AC-CCW	REPLACED STUDS	USAS B31 7 68 DRAFT	1973	N	REPLACEMENT	VT-2 (45PSI/73F)
WO 97478-01	HCV-2883B	3	12112791	FISHER	N/A	AC-RW	REPLACED NUTS & STUDS	USAS B31 7 68 DRAFT	1973	N	REPLACEMENT	VT-2 (12PSI/84F)
WO 38976-01	HCV-1387B	2	4662054	FISHER	N/A	FW-BD	REPLACED NUTS & STUDS	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	VT-2 (900PSI/530F)
WO 108964-01	RC-2A	1	66505	CE	20879	RC	REPLACED NUTS & STUDS	ASME III 65W66	1973	Y	REPLACEMENT	VT-2 (2150PSI/440F)
WO 116600-01	HCV-1042B	2	N/A	SCHUTTE-KOERTING	N/A	MS	REPLACED NUTS & STUDS MACHINED STUDS	USAS B31 7 68 DRAFT	1973	N	REPAIR REPLACEMENT	VT, VT-2 (888PSI/500F)
WO 109451-01	RC-6	1	N/A	CE	N/A	RC	REPLACED NUTS & STUDS	ASME III 65W67	1973	N	REPLACEMENT	VT-2 (2100PSI/440F)
WO 102912-01	RC-10-31	1	23866-09	CE	21259	RC	REPLACED AUTOCLAVE NUT	ASME III 65W67	1973	N	REPLACEMENT	VT-2 (2150PSI/440F)
WO 116402-01	SISP-13	1	N/A	N/A	N/A	SI-HP	REPLACED NUTS ON U-BOLT	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	VT-3

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**SNUBBERS REPLACED - FORT CALHOUN STATION
 CYCLE 20 AND 2002 REFUELING OUTAGE**

SNUBBER - LOCATION	MFG	S/N REMOVED	S/N INSTALLED	DATE INSTALLED	LOCATION OF REMOVED	FUNCTIONAL TEST	EXAMINATIONS
SNUBBERS REQUIRED TO BE FUNCTION TESTED							
ACS-386B	BP	FC-003-118	FC-003-072	04/09/02	RCS-7	Y - 37	VT-3
FWS-101	BP	FC-003-028	FC-003-092	04/02/02	FWS-90	Y - 37	VT-3
FWS-1A	BP	FC-003-281	FC-003-222	05/08/02	FWS-1 TOP	Y - 37	VT-3
FWS-242	G	FC-32268	FC-32268	05/27/02	FWS-242	Y - 37	VT-3
FWS-4-EAST	BP	FC-020-022	FC-020-031	04/05/02	FWS-9 WEST	Y - 37	VT-3
FWS-7C	BP	FC-010-104	FC-010-101	04/02/02	MSS-15 TOP	Y - 37	VT-3
FWS-9 EAST	BP	FC-020-017	FC-020-016	04/09/02	SPARE	Y - 37	VT-3
FWS-9 WEST	BP	FC-020-016	FC-020-022	04/06/02	FWS-9 EAST	Y - 37	VT-3
FWS-92	BP	FC-003-097	FC-003-090	04/04/02	FWS-91	Y - 37	VT-3
FWS-97	BP	FC-003-045	FC-003-008	04/11/02	FWS-74	Y - 37	VT-3
HCV-331S	PM	PD26971/1249	PD26971/1249	05/17/02	HCV-331S	Y - 37	VT-3
MSS-15 BOTTOM	BP	FC-010-093	FC-010-096	04/03/02	SPARE	Y - 37	VT-3
MSS-3	BP	FC-020-009	FC-020-014	05/12/02	MSS-6	Y - 37	VT-3
MSS-4 TOP	BP	FC-010-064	FC-010-069	05/12/02	SIS-167	Y - 37	VT-3
MSS-6	BP	FC-020-001	FC-020-009	05/19/02	SPARE	Y - 37	VT-3
RCS-2	BP	FC-003-270	FC-003-087	05/18/02	ACS-385	Y - 37	VT-3
RCS-22	BP	FC-003-101	FC-003-274	05/11/02	ACS-313	Y - 37	VT-3
RCS-23 BOTTOM	BP	FC-003-250	FC-003-212	05/10/02	FWS-2 BOTTOM	Y - 37	VT-3
RCS-27	BP	FC-003-127	FC-003-244	05/10/02	FWS-2 TOP	Y - 37	VT-3
RCS-3B	BP	FC-003-096	FC-003-181	05/08/02	FWS-32	Y - 37	VT-3
RCS-45 TOP	BP	FC-003 279	FC-003-122	05/22/02	SIS-44B	Y - 37	VT-3
RCS-7	BP	FC-003-297	FC-003-118	05/21/02	SIS-72	Y - 37	VT-3
SG-A2	G	FC-133-006	FC-133-010	05/18/02	SPARE	Y - 37	VT-3
SIS-100	BP	FC-003-072	FC-003-171	04/06/02	ACS-386B	Y - 37	VT-3
SIS-114F	PSA	SN 176	SN 176	05/20/02	SIS-114F	10% EXPANDED	VT-3
SIS-118	BP	FC-010-044	FC-010-080	05/08/02	SIS-118A	Y - 37	VT-3
SIS-127	BP	FC-003-183	FC-003-275	05/08/02	RCS-34	Y - 37	VT-3
SIS-132 BOTTOM	PSA	SN 26147	SN 26147	05/25/02	SIS-132 BOTTOM	Y - 10%	VT-3
SIS-140	PSA	SN 20524	SN 20487	05/25/02	SCRAPPED	Y - 10%	VT-3
SIS-174C	BP	FC-003-247	FC-003-205	05/07/02	SPARE	Y - 37	VT-3
SIS-174E	BP	FC-003-069	FC-003-299	05/15/02	FWS-32A	Y - 37	VT-3
SIS-176C	BP	FC-003-303	FC-003-196	05/07/02	SPARE	Y - 37	VT-3

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OPPD
444 S. 16TH STREET MALL
OMAHA, NE 68102

UNIT 1
COMMERCIAL OPS 09/26/1973

FT CALHOUN STATION
P.O. BOX 550
FT CALHOUN, NE 68023

**SNUBBERS REPLACED - FORT CALHOUN STATION
CYCLE 20 AND 2002 REFUELING OUTAGE**

SNUBBER - LOCATION	MFG	S/N REMOVED	S/N INSTALLED	DATE INSTALLED	LOCATION OF REMOVED	FUNCTIONAL TEST	EXAMINATIONS
SIS-2033-1	BP	FC-003-077	FC-003-292	05/08/02	SIS-134	Y - 37	VT-3
SIS-204	BP	FC-003-212	FC-003-162	04/10/02	RCS-23 BOTTOM	Y - 37	VT-3
SIS-36 BOTTOM	BP	FC-010-054	FC-010-076	04/04/02	FWS-2C	Y - 37	VT-3
SIS-44	BP	FC-003-122	FC-003-195	05/02/02	RCS-45 TOP	Y - 37	VT-3
SIS-6	BP	FC-003-333	FC-003-219	04/06/02	SPARE	Y - 37	VT-3
SIS-81B	BP	FC-003-131	FC-003-132	04/10/02	SPARE	Y - 37	VT-3
SIS-90	BP	FC-010-088	FC-010-038	04/04/02	SIS-85	Y - 37	VT-3
SIS-96	BP	FC-010-027	FC-010-045	04/11/02	MSS-8 BOTTOM	Y - 37	VT-3
SNUBBERS CHANGED OUT OR REBUILT DUE TO MAINTENANCE/SEAL LIFE							
ACS-121	BP	FC-003-288	FC-003-213	05/09/02	SPARE	Y	VT-3
FWS-1A	BP	FC-003-281	FC-003-222	05/08/02	SPARE	Y	VT-3
FWS-1B	BP	FC-003-223	FC-003-227	05/20/02	SPARE	Y	VT-3
FWS-2C	BP	FC-010-068	FC-010-054	05/12/02	SPARE	Y	VT-3
FWS-6 TOP	BP	FC-010-097	FC-010-100	04/02/02	SPARE	Y	VT-3
FWS-7D NORTH	BP	FC-003-094	FC-003-093	04/02/02	SPARE	Y	VT-3
FWS-7D SOUTH	BP	FC-003-012	FC-003-103	04/02/02	SPARE	Y	VT-3
FWS-8 BOTTOM	BP	FC-010-098	FC-010-094	04/02/02	SPARE	Y	VT-3
FWS-30	BP	FC-003-085	FC-003-027	04/03/02	SPARE	Y	VT-3
FWS-91	BP	FC-003-033	FC-003-097	04/05/02	FWS-64	Y	VT-3
FWS-64	BP	FC-003-018	FC-003-033	04/06/02	SPARE	Y	VT-3
FWS-67	BP	FC-003-016	FC-003-009	04/10/02	SPARE	Y	VT-3
FWS-71	BP	FC-003-017	FC-003-042	04/04/02	SPARE	Y	VT-3
FWS-78	BP	FC-003-009	FC-003-102	04/01/02	FWS-67	Y	VT-3
FWS-83	BP	FC-003-008	FC-003-318	04/01/02	FWS-97	Y	VT-3
FWS-86A	BP	FC-003-031	FC-003-321	04/03/02	SPARE	Y	VT-3
FWS-88	BP	FC-003-024	FC-003-114	04/03/02	SPARE	Y	VT-3
FWS-92	BP	FC-003-097	FC-003-090	04/04/02	FWS-91	Y	VT-3
FWS-94	BP	FC-003-022	FC-003-019	04/11/02	SPARE	Y	VT-3
FWS-95	BP	FC-003-095	FC-003-317	04/11/02	SPARE	Y	VT-3
FWS-100	BP	FC-003-019	FC-003-088	04/01/02	FWS-94	Y	VT-3
FWS-217	BP	FC-003-317	FC-003-089	04/01/02	FWS-95	Y	VT-3
MSS-8 BOTTOM	BP	FC-010-023	FC-010-027	05/20/02	SPARE	Y	VT-3
RCP-B3	G	FC-021-009	FC-021-005	05/19/02	SPARE	Y	VT-3

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OPPD
 444 S. 16TH STREET MALL
 OMAHA, NE 68102

UNIT 1
 COMMERCIAL OPS 09/26/1973

FT CALHOUN STATION
 P.O. BOX 550
 FT CALHOUN, NE 68023

**SNUBBERS REPLACED - FORT CALHOUN STATION
 CYCLE 20 AND 2002 REFUELING OUTAGE**

SNUBBER - LOCATION	MFG	S/N REMOVED	S/N INSTALLED	DATE INSTALLED	LOCATION OF REMOVED	FUNCTIONAL TEST	EXAMINATIONS
RCP-C2	G	FC-050-008	FC-050-007	05/18/02	SPARE	Y	VT-3
RCP-D1	G	FC-050-010	FC-050-009	05/19/02	SPARE	Y	VT-3
RCP-D4	G	FC-021-010	FC-021-007	05/19/02	SPARE	Y	VT-3
RCS-1	BP	FC-010-013	FC-010-028	05/26/02	SPARE	Y	VT-3
RCS-21	BP	FC-003-159	FC-003-267	05/11/02	SPARE	Y	VT-3
RCS-47 BOTTOM	BP	FC-003-082	FC-003-256	05/23/02	SPARE	Y	VT-3
SG-A1	BP	FC-133-005	FC-133-009	05/18/02	SPARE	Y	VT-3
SIS-21A	BP	FC-003-155	FC-003-165	04/09/02	SPARE	Y	VT-3
SIS-30	BP	FC-003-160	FC-003-232	04/06/02	SPARE	Y	VT-3
SIS-38C	BP	FC-020-010	FC-020-008	04/13/02	SPARE	Y	VT-3
SIS-42	BP	FC-003-166	FC-003-214	04/06/02	SPARE	Y	VT-3
SIS-43	BP	FC-003-078	FC-003-339	05/28/02	SPARE	Y	VT-3
SIS-77	BP	FC-003-124	FC-003-178	04/06/02	SPARE	Y	VT-3
SIS-98	BP	FC-003-143	FC-003-170	04/06/02	SIS-208	Y	VT-3
SIS-103	BP	FC-003-283	FC-003-135	04/11/02	SPARE	Y	VT-3
SIS-135	BP	FC-003-286	FC-003-248	05/14/02	SPARE	Y	VT-3
SIS-176B	BP	FC-003-302	FC-003-208	05/07/02	SPARE	Y	VT-3
SIS-183	BP	FC-003-309	FC-003-125	05/10/02	SPARE	Y	VT-3
SIS-208	BP	FC-003-224	FC-003-143	05/29/02	SPARE	Y	VT-3
SIS-85	BP	FC-010-049	FC-010-088	04/11/02	SPARE	Y	VT-3

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