



Omaha Public Power District
444 South 16th Street Mall
Omaha, Nebraska 68102-2247

January 28, 2000
LIC-00-0008

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station P1-137
Washington, DC 20555

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

**SUBJECT: Fort Calhoun Station (FCS) 1999 Refueling Outage Inservice Inspection (ISI)
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 the Omaha Public Power District submit the subject information for FCS.

Enclosed please find the ISI results for the FCS 1999 Refueling Outage, Form NIS-1 "Owner's Report for Inservice Inspections." Included in the NIS-1 Form is a listing of exams performed during the 1999 Refueling Outage with less than 100% of Code-required volumetric coverage. In Reference 2, OPPD committed to provide this information. Also enclosed is the Form NIS-2 "Owner's Report for Repairs/Replacement Activity," for applicable repairs and replacements completed during Fuel Cycle No. 18, including those completed during the 1999 Refueling Outage.

Please contact me if you have any questions.

Sincerely,

S. K. Gambhir
Division Manager
Nuclear Operations

TCM/tcm

Enclosures

c: E. W. Merschoff, NRC Regional Administrator, Region IV
L. R. Wharton, NRC Project Manager
W. C. Walker, NRC Senior Resident Inspector
Winston & Strawn (w/o enclosures)

FORM NIS-1 (Back)

8. Examination Dates 10/02/99 to 11/11/99
9. Inspection Period Identification Second Period
10. Inspection Interval Identification Third Interval
11. Applicable Edition of Section XI 1989 Addenda N/A
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 attachment
14. Abstract of Results of Examinations and Tests.
See attachment
15. Abstract of Corrective Measures.
See attachment

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 1-20-00 19 2000 Signed *Macl R. Cove* 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 HSBI & ICo of Hartford, CT have inspected the components described in this Owner's Report during the period 10/02/99 to 11/11/99, 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.

K. Saltzman Commissions NB 11047, N, I, A
Inspector's Signature National Board, State, Province, and Endorsements
Date Jan 20 19 2000

OPPD
444 S. 16th Mall
Omaha, NE 68102

1999 REFUELING OUTAGE
AT FORT CALHOUN
Unit 1, Comm. Op. 9/26/73

Fort Calhoun Station
Post Office Box 399
Ft. Calhoun, NE 68023

	A	B	C	D	E	F	G
1	CAT.	ITEM #	COMPONENT	DESCRIPTION	ISO #	EXAM	RESULTS
2							
3	B-B	B2.31	SG-2-C-2	HEAD TO LOWER EXT. RING	A-06	UT	ACCEPT
4	B-B	B2.32	SG-2-M-3	HEAD MERIDIONAL WELD	A-06	UT	ACCEPT
5	B-D	B3.110	PSL-1	SAFETY NOZZLE	A-04	UT	ACCEPT
6	B-D	B3.110	PSL-2	SAFETY NOZZLE	A-04	UT	ACCEPT
7	B-D	B3.110	PSS-1	SPRAY NOZZLE	A-04	UT	ACCEPT
8	B-D	B3.120	PSL-1-IR	INSIDE RADIUS SECTION	A-04	UT	ACCEPT
9	B-D	B3.120	PSL-2-IR	INSIDE RADIUS SECTION	A-04	UT	ACCEPT
10	B-D	B3.120	PSS-1-IR	INSIDE RADIUS SECTION	A-04	UT	ACCEPT
11	B-D	B3.130	SG-2-N-1	HEAD TO OUTLET NOZZLE	A-06	UT	ACCEPT
12	B-D	B3.130	SG-2-N-3	HEAD TO OUTLET NOZZLE	A-06	UT	ACCEPT
13	B-D	B3.130	SG-2-N-5	INLET NOZZLE TO HEAD	A-06	UT	ACCEPT
14	B-D	B3.140	SG-2-N-1-IR	INSIDE RADIUS SECTION	A-06	UT	ACCEPT
15	B-D	B3.140	SG-2-N-3-IR	INSIDE RADIUS SECTION	A-06	UT	ACCEPT
16	B-D	B3.140	SG-2-N-5-IR	INSIDE RADIUS SECTION	A-06	UT	ACCEPT
17	B-F	B5.50	3-PSL-1A	NOZZLE TO FLANGE	A-16	PT	ACCEPT
18	B-F	B5.50	3-PSL-2A	NOZZLE TO FLANGE	A-16	PT	ACCEPT
19	B-F	B5.70	MRC-2/06	SAFE END TO SG NOZZLE	A-09	PT/UT	ACCEPT
20	B-F	B5.70	MRC-2/07	SG NOZZLE TO SAFE END	A-09	PT/UT	ACCEPT
21	B-F	B5.70	MRC-2/19	SG NOZZLE TO SAFE END	A-09	PT/UT	ACCEPT
22	B-G-1	B6.180	RCP-MF-RC3C-1-01	RCP STUDS	A-09B	UT	ACCEPT
23	B-G-1	B6.180	RCP-MF-RC3C-1-02	RCP STUDS	A-09B	UT	ACCEPT
24	B-G-1	B6.180	RCP-MF-RC3C-1-03	RCP STUDS	A-09B	UT	ACCEPT
25	B-G-1	B6.180	RCP-MF-RC3C-1-04	RCP STUDS	A-09B	UT	ACCEPT
26	B-G-1	B6.180	RCP-MF-RC3C-1-05	RCP STUDS	A-09B	UT	ACCEPT
27	B-G-1	B6.180	RCP-MF-RC3C-1-06	RCP STUDS	A-09B	UT	ACCEPT
28	B-G-1	B6.180	RCP-MF-RC3C-1-07	RCP STUDS	A-09B	UT	ACCEPT
29	B-G-1	B6.180	RCP-MF-RC3C-1-08	RCP STUDS	A-09B	UT	ACCEPT
30	B-G-1	B6.180	RCP-MF-RC3C-1-09	RCP STUDS	A-09B	UT	ACCEPT
31	B-G-1	B6.180	RCP-MF-RC3C-1-10	RCP STUDS	A-09B	UT	ACCEPT
32	B-G-1	B6.180	RCP-MF-RC3C-1-11	RCP STUDS	A-09B	UT	ACCEPT
33	B-G-1	B6.180	RCP-MF-RC3C-1-12	RCP STUDS	A-09B	UT	ACCEPT
34	B-G-1	B6.180	RCP-MF-RC3C-1-13	RCP STUDS	A-09B	UT	ACCEPT
35	B-G-1	B6.180	RCP-MF-RC3C-1-14	RCP STUDS	A-09B	UT	ACCEPT
36	B-G-1	B6.180	RCP-MF-RC3C-1-15	RCP STUDS	A-09B	UT	ACCEPT
37	B-G-1	B6.180	RCP-MF-RC3C-1-16	RCP STUDS	A-09B	UT	ACCEPT
38	B-G-1	B6.200	RCP-MF-RC3C-3-01	RCP NUTS & WASHERS	A-09B	VT-1	ACCEPT
39	B-G-1	B6.200	RCP-MF-RC3C-3-02	RCP NUTS & WASHERS	A-09B	VT-1	ACCEPT
40	B-G-1	B6.200	RCP-MF-RC3C-3-03	RCP NUTS & WASHERS	A-09B	VT-1	ACCEPT
41	B-G-1	B6.200	RCP-MF-RC3C-3-04	RCP NUTS & WASHERS	A-09B	VT-1	ACCEPT
42	B-G-1	B6.200	RCP-MF-RC3C-3-05	RCP NUTS & WASHERS	A-09B	VT-1	ACCEPT
43	B-G-1	B6.200	RCP-MF-RC3C-3-06	RCP NUTS & WASHERS	A-09B	VT-1	ACCEPT
44	B-G-1	B6.200	RCP-MF-RC3C-3-07	RCP NUTS & WASHERS	A-09B	VT-1	ACCEPT
45	B-G-1	B6.200	RCP-MF-RC3C-3-08	RCP NUTS & WASHERS	A-09B	VT-1	ACCEPT
46	B-G-1	B6.200	RCP-MF-RC3C-3-09	RCP NUTS & WASHERS	A-09B	VT-1	ACCEPT
47	B-G-1	B6.200	RCP-MF-RC3C-3-10	RCP NUTS & WASHERS	A-09B	VT-1	ACCEPT
48	B-G-1	B6.200	RCP-MF-RC3C-3-11	RCP NUTS & WASHERS	A-09B	VT-1	ACCEPT
49	B-G-1	B6.200	RCP-MF-RC3C-3-12	RCP NUTS & WASHERS	A-09B	VT-1	ACCEPT
50	B-G-1	B6.200	RCP-MF-RC3C-3-13	RCP NUTS & WASHERS	A-09B	VT-1	ACCEPT

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AT FORT CALHOUN
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1	CAT.	ITEM #	COMPONENT	DESCRIPTION	ISO #	EXAM	RESULTS
2							
51	B-G-1	B6.200	RCP-MF-RC3C-3-14	RCP NUTS & WASHERS	A-09B	VT-1	ACCEPT
52	B-G-1	B6.200	RCP-MF-RC3C-3-15	RCP NUTS & WASHERS	A-09B	VT-1	ACCEPT
53	B-G-1	B6.200	RCP-MF-RC3C-3-16	RCP NUTS & WASHERS	A-09B	VT-1	ACCEPT
54	B-G-2	B7.30	SG-2-1	INLET MANWAY BOLTING	A-06	VT-1	ACCEPT
55	B-G-2	B7.30	SG-2-2	OUTLET MANWAY BOLTING	A-06	VT-1	ACCEPT
56	B-G-2	B7.50	3-PSL-1B	FLANGE BOLTING	A-16	VT-1	ACCEPT
57	B-G-2	B7.50	3-PSL-2B	FLANGE BOLTING	A-16	VT-1	ACCEPT
58	B-G-2	B7.60	RCP-MF-RC3C-4	16 PUMP SEAL BOLTS	A-09B	VT-1	ACCEPT
59	B-G-2	B7.60	RCP-MF-RC3D-4	16 PUMP SEAL BOLTS	A-09B	VT-1	ACCEPT
60	B-G-2	B7.70	12-SDC-20/HCV-348	VALVE BOLT	A-42	VT-1	ACCEPT
61	B-G-2	B7.70	2-CL-22/HCV-239	VALVE BOLT	A-44	VT-1	ACCEPT
62	B-G-2	B7.70	2-LL-2/LCV-101-1	VALVE BOLT	A-46	VT-1	ACCEPT
63	B-G-2	B7.70	2-LL-2/LCV-101-2	VALVE BOLT	A-46	VT-1	ACCEPT
64	B-G-2	B7.70	2-LL-2/TCV-202	VALVE BOLT	A-47	VT-1	ACCEPT
65	B-H	B8.30	SG-2-SL-1	INTEGRAL ATTACHMENT	A-06	MT	ACCEPT
66	B-H	B8.30	SG-2-SL-2	INTEGRAL ATTACHMENT	A-06	MT	ACCEPT
67	B-H	B8.30	SG-2-SL-3	INTEGRAL ATTACHMENT	A-06	MT	ACCEPT
68	B-H	B8.30	SG-2-SL-4	INTEGRAL ATTACHMENT	A-06	MT	ACCEPT
69	B-J	B9.11	12-SDC-20/02	ELBOW TO PIPE	A-42	PT/UT	ACCEPT
70	B-J	B9.11	12-SDC-20/13	PIPE TO PENETRATION	A-42	PT/UT	ACCEPT
71	B-J	B9.11	12-SI-22/14	PIPE TO ELBOW	A-24	PT/UT	ACCEPT
72	B-J	B9.11	12-SI-22/15	ELBOW TO PIPE	A-24	PT/UT	ACCEPT
73	B-J	B9.11	4-PSS-1/04A	TEE TO PIPE	A-15	PT/UT	ACCEPT
74	B-J	B9.11	4-PSS-1/05A1	PIPE TO ELBOW	A-15	PT/UT	ACCEPT
75	B-J	B9.11	4-PSS-1/05B1	ELBOW TO ELBOW	A-15	PT/UT	ACCEPT
76	B-J	B9.11	4-PSS-1/07A	PUP TO SAFE END	A-15	PT/UT	ACCEPT
77	B-J	B9.11	6-SI-22/07	PIPE TO ELBOW	A-28	PT/UT	ACCEPT
78	B-J	B9.11	6-SI-22/11	PIPE TO ELBOW	A-28	PT/UT	ACCEPT
79	B-J	B9.11	6-SI-22/14	ELBOW TO PIPE	A-28	PT/UT	ACCEPT
80	B-J	B9.11	6-SI-22/15	PIPE TO TEE	A-28	PT/UT	ACCEPT
81	B-J	B9.11	MRC-2/08	SAFE END TO ELBOW	A-09	PT/UT	ACCEPT
82	B-J	B9.11	MRC-2/20	SAFE END TO ELBOW	A-09	PT/UT	ACCEPT
83	B-J	B9.21	2.5-PRL-2/01	REDUCER TO PIPE	A-20	PT	ACCEPT
84	B-J	B9.21	2.5-PRL-2/05	ELBOW TO PIPE	A-20	PT	ACCEPT
85	B-J	B9.21	2.5-PRL-2/06	PIPE TO ELBOW	A-20	PT	ACCEPT
86	B-J	B9.21	2.5-PRL-3/17	PIPE TO ELBOW	A-20	PT	ACCEPT
87	B-J	B9.21	2.5-PRL-3/18	ELBOW TO PIPE	A-20	PT	ACCEPT
88	B-J	B9.21	3-PRL-1/02	PIPE TO ELBOW	A-19	PT	ACCEPT
89	B-J	B9.21	3-PRL-1/02A	SAFE END TO PIPE	A-19	PT	ACCEPT
90	B-J	B9.21	3-PRL-1/03	ELBOW TO PIPE	A-19	PT	ACCEPT
91	B-J	B9.21	3-PRL-1/06	PIPE TO ELBOW	A-19	PT	ACCEPT
92	B-J	B9.21	3-PSL-1/01	FLANGE TO RED. ELBOW	A-16	PT	ACCEPT
93	B-J	B9.21	3-PSL-1/06	RED. ELBOW TO PIPE	A-16	PT	ACCEPT
94	B-J	B9.21	3-PSL-1/07	PIPE TO VALVE	A-16	PT	ACCEPT
95	B-J	B9.32	12-SI-22/15-BC	BRANCH CONNECTION	A-24	PT	ACCEPT
96	B-J	B9.40	2-AS-1/06	PIPE TO ELBOW	A-21	PT	ACCEPT
97	B-J	B9.40	2-AS-1/07	ELBOW TO PIPE	A-21	PT	ACCEPT
98	B-J	B9.40	2-AS-1/08	PIPE TO ELBOW	A-21	PT	ACCEPT

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1	CAT.	ITEM #	COMPONENT	DESCRIPTION	ISO #	EXAM	RESULTS
2							
99	B-J	B9.40	2-AS-1/09	ELBOW TO PIPE	A-21	PT	ACCEPT
100	B-J	B9.40	2-CL-22/05	VALVE TO PIPE	A-44	PT	ACCEPT
101	B-J	B9.40	2-CL-22/06	PIPE TO TEE	A-44	PT	ACCEPT
102	B-J	B9.40	2-CL-22/06A	TEE TO REDUCER	A-44	PT	ACCEPT
103	B-J	B9.40	2-CL-22/07	TEE TO PIPE	A-44	PT	ACCEPT
104	B-J	B9.40	2-HPH-1.22/12	VALVE TO PIPE	A-36	PT	ACCEPT
105	B-J	B9.40	2-HPH-1.22/13	PIPE TO ELBOW	A-36	PT	ACCEPT
106	B-J	B9.40	2-HPH-1.22/14	ELBOW TO PIPE	A-36	PT	ACCEPT
107	B-J	B9.40	2-HPH-2.12/11	VALVE TO PIPE	A-38	PT	ACCEPT
108	B-J	B9.40	2-HPH-2.12/12	ELBOW TO PIPE	A-38	PT	ACCEPT
109	B-J	B9.40	2-HPH-2.12/13	PIPE TO ELBOW	A-38	PT	ACCEPT
110	B-J	B9.40	2-HPH-2.12/18	PIPE TO ELBOW	A-38	PT	ACCEPT
111	B-J	B9.40	2-HPH-2.12/19	ELBOW TO PIPE	A-38	PT	ACCEPT
112	B-J	B9.40	2-HPH-2.12/22	PIPE BEND TO ELBOW	A-38	PT	ACCEPT
113	B-J	B9.40	2-HPH-2.12/23	ELBOW TO PIPE	A-38	PT	ACCEPT
114	B-J	B9.40	2-HPH-2.14/23	VALVE TO PIPE	A-39	PT	ACCEPT
115	B-J	B9.40	2-HPH-2.14/24	PIPE TO ELBOW	A-39	PT	ACCEPT
116	B-J	B9.40	2-HPH-2.14/25	ELBOW TO PIPE	A-39	PT	ACCEPT
117	B-J	B9.40	2-HPH-2.14/28	PIPE TO ELBOW	A-39	PT	ACCEPT
118	B-J	B9.40	2-HPH-2.14/29	ELBOW TO PIPE	A-39	PT	ACCEPT
119	B-J	B9.40	2-LL-21/06	VALVE TO PIPE	A-47	PT	ACCEPT
120	B-J	B9.40	2-LL-21/07	PIPE TO VALVE	A-47	PT	ACCEPT
121	B-K-1	B10.10	12-SDC-20/13-PL-1	INTEGRAL ATTACHMENT	A-42	PT	ACCEPT
122	B-K-1	B10.10	12-SDC-20/13-PL-2	INTEGRAL ATTACHMENT	A-42	PT	ACCEPT
123	B-M-1	B12.30	2-CL-22/CH-204	VALVE WELD	A-44	PT	ACCEPT
124	B-M-1	B12.30	2-LL-2/CH-340	VALVE WELD	A-46	PT	ACCEPT
125	B-M-1	B12.30	2-LL-21/RC-134	VALVE WELD	A-47	PT	ACCEPT
126	B-N-1	B13.10	RPV-N1-1	VESSEL INTERIOR	A-01	VT-3	ACCEPT
127	B-O	B14.10	RPVCH-CRD-BO-30-3	CEDM HOUSING WELD	A-02A	PT	ACCEPT
128	B-O	B14.10	RPVCH-CRD-BO-37-3	CEDM HOUSING WELD	A-02A	PT	ACCEPT
129	B-O	B14.10	RPVCH-CRD-BO-41-3	CEDM HOUSING WELD	A-02A	PT	ACCEPT
130	C-A	C1.10	SG-2-3	CONE TO UPPER SHELL	B-02	UT	ACCEPT
131	C-A	C1.10	SG-2-4	LOWER SHELL TO CONE	B-02	UT	ACCEPT
132	C-A	C1.10	SG-2-4B	EXT. RING TO LOW. SHELL	B-02	UT	ACCEPT
133	C-A	C1.20	SG-2-5	HEAD TO UPPER SHELL	B-02	UT	ACCEPT
134	C-A	C1.30	SG-2-6	TUBE SHEET TO EXT. RING	B-02	UT	ACCEPT
135	C-B	C2.21	SG-2-7	NOZZLE TO SHELL (MS)	B-02	UT/MT	ACCEPT
136	C-B	C2.21	SG-2-8	NOZZLE TO SHELL (FW)	B-02	UT/MT	ACCEPT
137	C-B	C2.22	SG-2-7-IR	INNER RADIUS (MS)	B-02	UT	ACCEPT
138	C-B	C2.22	SG-2-8-IR	INNER RADIUS (FW)	B-02	UT	ACCEPT
139	C-F-2	C5.51	16-FW-2002/13	ELBOW TO PIPE	B-08	UT/MT	ACCEPT
140	C-F-2	C5.51	16-FW-2002/14	PIPE TO ELBOW	B-08	UT/MT	ACCEPT
141	C-F-2	C5.51	16-FW-2002/15	ELBOW TO SAFE END	B-08	UT/MT	ACCEPT
142	C-F-2	C5.51	16-FW-2002/16	SAFE END TO NOZZLE	B-08	UT/MT	ACCEPT
143	C-F-2	C5.51	28-MS-2002/01	SAFE END TO ELBOW	B-05	UT/MT	ACCEPT
144	C-F-2	C5.51	28-MS-2002/01A	NOZZLE TO SAFE END	B-05	UT/MT	ACCEPT
145	C-F-2	C5.51	28-MS-2002/02	ELBOW TO PIPE	B-05	UT/MT	ACCEPT
146	C-F-2	C5.51	28-MS-2002/03	PIPE TO ELBOW	B-05	UT/MT	ACCEPT

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1	CAT.	ITEM #	COMPONENT	DESCRIPTION	ISO #	EXAM	RESULTS
2							
147	C-F-2	C5.51	28-MS-2002/04	ELBOW TO PIPE	B-05	UT/MT	ACCEPT
148	C-F-2	C5.51	28-MS-2002/05	PIPE TO ELBOW	B-05	UT/MT	ACCEPT
149	C-F-2	C5.51	28-MS-2002/06	ELBOW TO PIPE	B-05	UT/MT	ACCEPT
150	D-B	D2.20	10-AC-1A/PS-ACH-2-1	LUG WELDS	C-38	VT3	ACCEPT
151	D-B	D2.20	10-AC-1A/PS-ACH-3-1	TRUNNION WELD	C-38	VT3	ACCEPT
152	D-B	D2.20	10-AC-1B/PS-ACH-4-1	STRUT WELD	C-38	VT3	ACCEPT
153	D-B	D2.20	10-AC-3B/PS-ACH-10-1	TRUNNION WELD	C-49	VT3	ACCEPT
154	D-B	D2.20	10-AC-4B/PR-ACS-81A-1	LUG WELDS	C-50	VT3	ACCEPT
155	D-B	D2.20	12-AC-1/PS-ACH-1-1	TRUNNION WELD	C-37	VT3	ACCEPT
156	D-B	D2.20	12-AC-2/PR-ACS-326-1	LUG WELDS	C-39	VT3	ACCEPT
157	D-B	D2.20	12-AC-2/PR-ACS-76-1	WELDED SADDLE	C-39	VT3	ACCEPT
158	D-B	D2.20	12-AC-4/PS-ACS-335-1	WELDED SADDLE	C-44	VT3	ACCEPT
159	D-B	D2.20	12-RW-1/PS-RWH-1-1	LUG WELDS	C-24	VT3	ACCEPT
160	D-B	D2.20	12-RW-1/PS-RWH-2-1	LUG WELDS	C-24	VT3	ACCEPT
161	D-B	D2.20	12-RW-1/PS-RWH-3-1	WELDED PLATE	C-24	VT3	ACCEPT
162	D-B	D2.20	12-RW-10/05-PR-1-VT1	TRUNNION WELD	C-62	VT3	ACCEPT
163	D-B	D2.20	12-RW-10/05-PR-VT1	TRUNNION WELD	C-62	VT3	ACCEPT
164	D-B	D2.20	12-RW-2A/PR-RWS-106-1	LUG WELDS	C-28	VT3	ACCEPT
165	D-B	D2.20	12-RW-2B/PS-RWH-16-1	TRUNNION WELD	C-28	VT3	ACCEPT
166	D-B	D2.20	14-RW-1/PR-RWS-50A-1	LUG WELDS	C-19	VT3	ACCEPT
167	D-B	D2.20	14-RW-2/PR-RWH-32-1	PEDESTAL WELD	C-26	VT3	ACCEPT
168	D-B	D2.20	14-RW-2/PR-RWH-34-1	LUG WELDS	C-26	VT3	ACCEPT
169	D-B	D2.20	14-RW-2/PR-RWS-132-1	LUG WELDS	C-26	VT3	ACCEPT
170	D-B	D2.20	14-RW-2/PR-RWS-38-1	TRUNNION WELD	C-26	VT3	ACCEPT
171	D-B	D2.20	16-AC-2/PR-ACS-56A-1	LUG WELDS	C-37	VT3	ACCEPT
172	D-B	D2.20	16-RW-1/PS-RWH-9-1	TRUNNION WELD	C-19	VT3	ACCEPT
173	D-B	D2.20	16-RW-1/PS-RWS-109A-1	LUG WELDS	C-19	VT3	ACCEPT
174	D-B	D2.20	16-RW-11/17-PR-VT1	WELDED PLATE	C-58	VT3	ACCEPT
175	D-B	D2.20	16-RW-14/PS-RWS-25/H-31-1	LUG WELDS	C-25	VT3	ACCEPT
176	D-B	D2.20	8-AC-2B/PR-ACS-29A-1	LUG WELDS	C-44	VT3	ACCEPT
177	F-A	F1.10	12-SDC-20/04-PR-3	PEDESTAL, U-BOLT	A-42	VT-3	ACCEPT
178	F-A	F1.10	12-SI-22/17-PR	PEDESTAL, U-BOLT	A-24	VT-3	ACCEPT
179	F-A	F1.10	2-CL-22/07-PR	PIPE RESTRAINT	A-44	VT-3	ACCEPT
180	F-A	F1.10	2-LL-1/15-PR-1	ANGLE, U-BOLT	A-45	VT-3	ACCEPT
181	F-A	F1.10	4-PSS-1/04-PR-1	SPRING CAN	A-15	VT-3	ACCEPT
182	F-A	F1.20	28-MS-2002/06-PR-1	CONSTANT LOAD	B-05	VT3	ACCEPT
183	F-A	F1.40	RCP-RC3C-FC-1	RCP SUPPORT	A-09A	VT-3	ACCEPT
184	F-A	F1.40	RCP-RC3C-FC-2	RCP SUPPORT	A-09A	VT-3	ACCEPT
185	F-A	F1.40	RCP-RC3C-FC-3	RCP SUPPORT	A-09A	VT-3	ACCEPT
186	F-A	F1.40	SG-2-FB-1	VERTICAL LINEAR SUPPORT	A-05A	VT-3	ACCEPT
187	F-A	F1.40	SG-2-FB-2	VERTICAL LINEAR SUPPORT	A-05A	VT-3	ACCEPT
188	F-A	F1.40	SG-2-FB-3	VERTICAL LINEAR SUPPORT	A-05A	VT-3	ACCEPT
189	F-A	F1.40	SG-2-FB-4	VERTICAL LINEAR SUPPORT	A-05A	VT-3	ACCEPT

OPPD
444 S. 16TH MALL
OMAHA, NE 68102

UNIT 1
COMMERCIAL OPS 9/26/73

FT CALHOUN STATION
P. O. BOX 399
FT CALHOUN, NE 68023

1999 Refueling Outage ISI Exams with Less Than 100% ASME Code Coverage

CATEGORY	ITEM#	COMPONENT	% COVERAGE
B-D	B3.130	SG-2-N-1	72.4
B-D	B3.130	SG-2-N-3	72.4
B-D	B3.130	SG-2-N-5	94.9
B-F	B5.70	MRC-2/06	76
B-F	B5.70	MRC-2/07	93
B-F	B5.70	MRC-2/19	93
B-J	B9.11	MRC-2/08	54.5
B-J	B9.11	MRC-2/20	54.5
B-J	B9.11	6-SI-22/15	93.3
C-B	C2.21	SG-2-8	90.2
C-B	C2.22	SG-2-8-IR	90.2

NOTE 1: The UT exam on component 16-FW-2002/15, category C-F-2, item number C5.51, had a slag inclusion that was noted and found to be acceptable in 1987 with report FC87-AUT-002.

NOTE 2: The VT exam on support SG-2-FB-2, category F-A, item number F1.40 had a missing bolt that was noted and found to be acceptable in 1993 with Engineering Calculation FC 06169.

**SYSTEM PRESSURE TESTS PERFORMED - FORT CALHOUN STATION
 DURING CYCLE 18 AND 1999 REFUELING OUTAGE**

TEST PERFORMED	SYSTEM TESTED
OP-ST-RC-3007	REACTOR COOLANT
SE-ST-CH-3001	CVCS
SE-ST-CH-3002	CVCS
SE-ST-CH-3005	CVCS
SE-ST-MS-3001	MAIN STEAM
SE-ST-NG-3001	NITROGEN/HYDROGEN GAS
SE-ST-RW-3001	RAW WATER
SE-ST-SDC-3003	SAFETY INJECTION
SE-ST-SI-3008	SAFETY INJECTION
SE-ST-SI-3027	SAFETY INJECTION
SE-ST-SL-3001	PRIMARY SAMPLE
SE-ST-SL-3002	PRIMARY SAMPLE
SE-ST-SL-3004	PRIMARY SAMPLE
SE-ST-SL-3005	PRIMARY SAMPLE
SE-ST-WDG-3004	WASTE DISPOSAL - GASEOUS
SE-ST-WDG-3005	WASTE DISPOSAL - GASEOUS
SE-ST-WDG-3006	WASTE DISPOSAL - GASEOUS
SE-ST-WDG-3007	WASTE DISPOSAL - GASEOUS
SE-ST-WDG-3010	WASTE DISPOSAL - GASEOUS
SE-ST-WDG-3011	WASTE DISPOSAL - GASEOUS
SE-ST-WDG-3012	WASTE DISPOSAL - GASEOUS
SE-ST-WDG-3013	WASTE DISPOSAL - GASEOUS
SE-ST-WDG-3014	WASTE DISPOSAL - GASEOUS
SE-ST-WDG-3015	WASTE DISPOSAL - GASEOUS
SE-ST-WDG-3016	WASTE DISPOSAL - GASEOUS
SE-ST-WDG-3017	WASTE DISPOSAL - GASEOUS
SE-ST-WDG-3018	WASTE DISPOSAL - GASEOUS
SE-ST-WDL-3001	WASTE DISPOSAL - LIQUID
SE-ST-WDL-3004	WASTE DISPOSAL - LIQUID
SE-ST-WDL-3005	WASTE DISPOSAL - LIQUID
SE-ST-WDL-3006	WASTE DISPOSAL - LIQUID
SE-ST-WDL-3007	WASTE DISPOSAL - LIQUID
SE-ST-WDL-3009	WASTE DISPOSAL - LIQUID
SE-ST-WDL-3012	WASTE DISPOSAL - LIQUID
SE-ST-WDL-3013	WASTE DISPOSAL - LIQUID
SE-ST-WDL-3014	WASTE DISPOSAL - LIQUID

**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 1-20-2000
Name
444 S. 16th Street Mall, Omaha, NE Sheet 1 of 6
Address 68102-2247
2. Plant Fort Calhoun Station Unit No. 1
Name
P.O. Box 399, Fort Calhoun, NE OPPD
Address 68023 Repair/Replacement Organization P.O. No., Job No., etc.
3. Work Performed by OPPD 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.
5. (a) Applicable Construction Code See attached Edition, _____ Addenda, _____ Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 19 89

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.



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

UNIT 1
COMMERCIAL OPS 09/26/1973

FT CALHOUN STATION
P.O. BOX 399
FT CALHOUN, NE 68023

ASME COMPONENTS REPAIRED/REPLACED - FORT CALHOUN STATION
DURING CYCLE 18 AND 1999 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
MRFC 94-013	PIPE SUPPORTS	1-2-3	N/A	N/A	N/A	SI & RC	ADDED SUPPLEMENTAL STEEL TO SUPPORTS	USAS B31.7 68 DRAFT & AISC 7TH EDITION	N/A	N	REPLACEMENT	MT, PT, VT
ECN 94-128	SNUBBERS	1-2-3	N/A	BERGEN PATERSON	N/A	VARIOUS	REPLACED VALVES	USAS B31.7 68 DRAFT	N/A	N	REPLACEMENT	N/A
ECN 95-087	SIS-132/140	1	N/A	PACIFIC SCIENTIFIC	N/A	SI	REPLACED SNUBBERS	USAS B31.7 68 DRAFT	N/A	N	REPLACEMENT	N/A
WO 15690-01	FC-2817	3	N/A	MCDONNELL MILLER	N/A	CCW	REPLACED FLOW SWITCH, PIPE, UNIONS, TEES	USAS B31.7 68 DRAFT	1971	N	REPLACEMENT	VT-2
WO 15693-01	FC-2820	3	N/A	MCDONNELL MILLER	N/A	CCW	REPLACED FLOW SWITCH, PIPE, UNIONS, TEES	USAS B31.7 68 DRAFT	1971	N	REPLACEMENT	VT-2
WO 15694-01	FC-2821	3	N/A	MCDONNELL MILLER	N/A	CCW	REPLACED FLOW SWITCH, PIPE, UNIONS, TEES	USAS B31.7 68 DRAFT	1971	N	REPLACEMENT	VT-2
WO 15695-01	FC-2822	3	N/A	MCDONNELL MILLER	N/A	CCW	REPLACED FLOW SWITCH, PIPE, UNIONS, TEES	USAS B31.7 68 DRAFT	1971	N	REPLACEMENT	VT-2
WO 15696-01	FC-2823	3	N/A	MCDONNELL MILLER	N/A	CCW	REPLACED FLOW SWITCH, PIPE, UNIONS, TEES	USAS B31.7 68 DRAFT	1971	N	REPLACEMENT	VT-2
MWO 981781	FC-2824	3	N/A	MCDONNELL MILLER	N/A	CCW	REPLACED FLOW SWITCH, PIPE, UNIONS, TEES	USAS B31.7 68 DRAFT	1971	N	REPLACEMENT	VT-2
CWO 99-0078	FE-2890	3	N/A	N/A	N/A	AC-RW	METAL REMOVAL	USAS B31.7 68 DRAFT	N/A	N	REPAIR	VT, VT-2
WO 32532-01	RW-115	3	89-0814-01(Q)-01	C&S VALVE COMPANY	N/A	RW	REPLACED VALVE	ASME III 83S84	1990	N	REPLACEMENT	VT-2
MWO 972144	HCV-2805A	3	N/A	GALIGHER	N/A	AC-RW	REPLACED VALVE	ASME III	N/A	N	REPLACEMENT	VT-2
MWO 972145	HCV-2805B	3	N/A	GALIGHER	N/A	AC-RW	REPLACED VALVE	ASME III	N/A	N	REPLACEMENT	VT-2
MWO 972113	RC-142	1	N/A	CROSBY	N/A	RC	REPLACED DISC INSERT & MACHINED NOZZLE STEP	ASMEIII 65	1973	Y	REPAIR & REPLACEMENT	PT, VT-2
MWO 981683	JW-2-2	3	N/A	CHROMALOX WIEGAND	N/A	JW	REPLACED HEATER ELEMENT	COMMERCIAL	N/A	N	REPLACEMENT	VT-2
MWO 981955	YCV-1045	3	4662079	FISHER	N/A	MS-AFW	REPLACED SEAT	ASME III	1980	N	REPLACEMENT	VT-2
WO 13729-01	PIPE SUPPORTS	2	NA	N/A	N/A	CVCS	REPLACED U-BOLTS	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	N/A
MWO 962944	AC-10D	3	N/A	HYDROAIRE	N/A	AC-RW	REPLACED COLUMN PIPING	CONTRACT 763 H16	1997	N	REPLACEMENT	N/A
WO 13730-01	AC-10D	3	N/A	BYRON JACKSON	N/A	AC-RW	REPLACED PUMP ASSEMBLY	CONTRACT 763 H16	N/A	N	REPLACEMENT	VT-2
DCP 0010039 & DCN 0010029	FW-161	2	54138	MISSION VALVE	N/A	FW	INSTALLED PIPE & SLEEVE CAP	CONTRACT 763 H16	1970	N	REPLACEMENT	VT, VT-2
MWO 963136	FWS-5	3	FCS-020-24	BERGAN PATERSON	N/A	FW	SHORTENED SNUBBER PADDLE END	USAS B31.7 68 DRAFT	N/A	N	REPAIR	VT
WO 16250-01	AC-RW PIPING	3	N/A	N/A	N/A	AC-RW	WELD REPAIR	CONTRACT 763	N/A	N	REPAIR	MT, VT, VT-2, CODE CASE N-416-1
CWO 99-0032	SIS-9B & SIS-74	2	N/A	BERGEN PATERSON	N/A	SI	MATERIAL REMOVAL BY GRINDING	USAS B31.7 68 DRAFT	1972	N	REPAIR	N/A
CWO 99-0032	SIS-4A & SIS-185	2	N/A	BERGEN PATERSON	N/A	SI	MATERIAL REMOVAL BY GRINDING	USAS B31.7 68 DRAFT	1972	N	REPAIR	N/A

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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 399
FT CALHOUN, NE 68023

**ASME COMPONENTS REPAIRED/REPLACED - FORT CALHOUN STATION
DURING CYCLE 18 AND 1999 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
CWO 99-0032	SIS-112E	3	N/A	BERGEN PATERSON	N/A	SI	MATERIAL REMOVAL BY GRINDING	USAS B31.7 68 DRAFT	1972	N	REPAIR	N/A
CWO 99-0032	RCS-23 BOTTOM	1	N/A	BERGEN PATERSON	N/A	RC	MATERIAL REMOVAL BY GRINDING	USAS B31.7 68 DRAFT	1972	N	REPAIR	N/A
WO 25896-01	HCV-2881A	3	N00197-1-2	MASONELAN	N/A	AC-RW	REPLACED DISC & SHAFT	ASME III 74	N/A	N	REPLACEMENT	VT-2
DCN 10103	SIS-96A	2	FC-020-028	BERGEN PATERSON	N/A	SI	SHORTENED CLEVIS SIDE & LENGHTENED CLAMP SIDE	USAS B31.7 68 DRAFT	1972	N	REPLACEMENT	N/A
WO 21659-01	YCV-1045	3	4662079	FISHER	N/A	MS-AFW	REPLACED SEAT	ASME III	1980	N	REPLACEMENT	VT-2
CWO 99-0003	AC-10C	3	N/A	BYRON JACKSON	N/A	AC-RW	REPLACED PUMP ASSEMBLY	CONTRACT 763	1997	N	REPLACEMENT	VT-2
WO 31912	AC-10C	3	N/A	HYDROAIRE	N/A	AC-RW	REPLACED COLUMN PIPING	CONTRACT 763	1997	N	REPLACEMENT	N/A
DCN 10103	FWS-10	2	FC-020-030	BERGEN PATERSON	N/A	FW	REDUCED LENGTH	USAS B31.7 68 DRAFT	1972	N	REPAIR	PT, VT
WO 14439-02	HCV-1042C	2	N/A	CRANE	N/A	MS	REPAIRED STEAM CUT PACKING BOX	USAS B31.7 68 DRAFT	1973	N	REPAIR	PT, VT, VT-2, CODE CASE N-416-1
WO 42844-01	HCV-403E	2	144197	FISHER	N/A	AC-RW	REPLACED VALVE SHAFT & DISC ASSEMBLY	CONTRACT 763	N/A	N	REPLACEMENT	VT-2
WO 28285-01	RC-2A	1	66505	CE	20879	RC	MECHANICAL TUBE PLUG INSTALLATION	ASME III 65	1970	Y	REPAIR	VT
WO 20292-01	RC-2B	1	66506	CE	20880	RC	MECHANICAL TUBE PLUG INSTALLATION	ASME III 65	1970	Y	REPAIR	VT
WO 27875-01	RC-10-06	1	23866-06	CE	21259	RC	REPLACED CEDM SEAL HOUSING	ASMEIII 65W67	1971/72	N	REPLACEMENT	VT-2
MWO 980023	AC-10	3	691-H0430	BYRON JACKSON	N/A	AC-RW	REPLACED NUTS & STUDS	CONTRACT 763	1973	N	REPLACEMENT	VT-2
MWO 980785	AC-10	3	691-H0430	BYRON JACKSON	N/A	AC-RW	REPLACED NUTS & STUDS	CONTRACT 763	1973	N	REPLACEMENT	N/A
MWO 982682	VA-290	3	67457-4	ALLIS CHALMERS	N/A	VA	REPLACED STUDS	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	VT-2
MWO 982677	VA-279	3	67457-1	ALLIS CHALMERS	N/A	VA	REPLACED STUDS	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	VT-2
WO 13730-01 & MWO 962944	AC-10D	3	691-H0430	BYRON JACKSON	N/A	AC-RW	REPLACED FASTENERS	CONTRACT 763	1973	N	REPLACEMENT	VT-2
WO 13183-01	AC-13B	2	A69-4088	INGERSOLL-RAND	N/A	AC-SFP	REPLACES NUTS & STUDS	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	VT-2
WO 31912-01	AC-10C	3	691-H0430	BYRON JACKSON	N/A	AC-RW	REPLACED CAP SCREWS & NUTS	CONTRACT 763 H16	1973	N	REPLACEMENT	N/A
WO 20288-01	RC-2A	1	66505	CE	20879	RC	REPLACED FASTENERS	ASME III 65W66	1970	Y	REPLACEMENT	VT-2
WO 27875-01	RC-10-06	1	23866-06	CE	21259	RC	REPLACED HEX HEAD BOLTS	ASME III 65W66	1973	N	REPLACEMENT	VT-2
WO 22899-01	VA-292	3	67457-2	ALLIS CHALMERS	N/A	VA-CON	REPLACED FASTENERS	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	VT-2

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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 399
 FT CALHOUN, NE 68023

**ASME COMPONENTS REPAIRED/REPLACED - FORT CALHOUN STATION
 DURING CYCLE 18 AND 1999 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 22913-01	VA-283	3	67457-5	ALLIS CHALMERS	N/A	VA-CON	REPLACED FASTENERS	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	VT-2
WO 23634-01	AC-229	3	N/A	MISSION	N/A	AC-CCW	REPLACED STUDS & NUTS	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	VT-2
WO 41749-01	SI-139	2	32741	MISSION	N/A	SI	REPLACED NUT	USAS B31.7 68 DRAFT	1969	N	REPLACEMENT	VT-2
WO 20298-01	RC-2A	2	66505	CE	20879	RC	REPLACED STUDS	ASME III 65W66	1970	Y	REPLACEMENT	VT-2
WO 21659-01	YCV-1045-O	3	7701117	FISHER	N/A	MS	REPLACED NUT	USAS B31.7 68 DRAFT	N/A	N	REPLACEMENT	N/A
WO 42313-01	MS-279	2	BN9113	DRESSER	N/A	MS	REPLACED STUDS & NUTS	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	VT-2
WO 34793-01	FW-161	2	54138	MISSION	N/A	FW	REPLACED STUDS & NUTS	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	VT-2
WO 22630-01	MS-277	2	BN9116	DRESSER	N/A	MS	REPLACED STUDS	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	VT-2
WO 17537-01	HCV-1041A	2	N/A	SCHUTTEE & KOERTING	N/A	MS	REPLACED STUDS & NUTS	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	VT-2
WO 39031-01	CCW PIPING	2	N/A	N/A	N/A	CCW	REPLACED STUDS	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	VT-2
WO 39031-01	CCW PIPE SUPPORTS	2	N/A	N/A	N/A	CCW	REPLACED FASTENERS	USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	N/A
WO 20948-01	RC-4	1	66602	CE	20852	RC	REPLACED NUTS	ASME III 65	1970	Y	REPLACEMENT	VT-2
WO 16861-01	AC-5A	3	789A701-2	GOULD	N/A	AC-SFP		USAS B31.7 68 DRAFT	1973	N	REPLACEMENT	VT-2

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

ASME COMPONENTS REPAIRED/REPLACED
 SNUBBER REPLACEMENT LIST FORT CALHOUN STATION
 DURING CYCLE 18 AND 1999 REFUELING OUTAGE

FT CALHOUN STATION
 P.O. BOX 399
 FT CALHOUN, NE 68023

SNUBBER - LOCATION	SER. NO INSTALLED	MANUFACTURER	DATE	FUNCTIONAL TEST	EXAMINATIONS
ACS-112	FC-003-200	BP	09/14/1999	Y	VT-3
ACS-116	FC-003-311	BP	09/13/1999	Y	VT-3
ACS-302	FC-003-296	BP	10/11/1999	Y	VT-3
ACS-304	FC-010-078	BP	10/07/1999	Y	VT-3
ACS-407	FC-021-002	G	10/16/1999	Y	VT-3
AFW-60	FC-021-004	G	10/16/1999	Y	VT-3
AXS-120A	FC-003-057	BP	09/14/1999	Y	VT-3
FWS-10	FC-003-136	BP	09/09/1999	Y	VT-3
FWS-29A	FC-003-234	BP	09/09/1999	Y	VT-3
FWS-32A	FC-003-138	BP	09/10/1999	Y	VT-3
FWS-34	FC-003-139	BP	09/15/1999	Y	VT-3
FWS-64A	FC-003-183	BP	09/16/1999	Y	VT-3
FWS-80	FC-003-237	BP	09/10/1999	Y	VT-3
FWS-91	FC-003-258	BP	09/13/1999	Y	VT-3
MSS-8D	FC-003-266	BP	09/10/1999	Y	VT-3
RCP-A1	FC-010-070	BP	09/10/1999	Y	VT-3
RCP-A3	FC-050-001	G	10/16/1999	Y	VT-3
RCP-B1	FC-050-002	G	10/16/1999	Y	VT-3
RCP-C3	FC-133-003	G	10/16/1999	Y	VT-3
RCP-C4	FC-133-004	G	10/16/1999	Y	VT-3
RCS-15	FC-003-186	BP	09/13/1999	Y	VT-3
RCS-25	FC-003-198	BP	09/10/1999	Y	VT-3
RCS-31	FC-003-204	BP	09/13/1999	Y	VT-3
RCS-47 BOTTOM	FC-003-023	BP	10/09/1999	Y	VT-3
RCS-52	FC-003-099	BP	09/16/1999	Y	VT-3
RCS-8A	FC-003-112	BP	09/13/1999	Y	VT-3
RWS-131	FC-003-147	BP	09/09/1999	Y	VT-3
SG-B3	FC-003-210	BP	09/13/1999	Y	VT-3
SG-B4	FC-003-284	BP	09/14/1999	Y	VT-3
SIS-1	FC-003-332	BP	09/14/1999	Y	VT-3
SIS-102	FC-003-335	BP	09/15/1999	Y	VT-3
SIS-122	FC-003-344	BP	09/14/1999	Y	VT-3
SIS-127	FC-010-060	BP	09/14/1999	Y	VT-3

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

**ASME COMPONENTS REPAIRED/REPLACED
 SNUBBER REPLACEMENT LIST FORT CALHOUN STATION
 DURING CYCLE 18 AND 1999 REFUELING OUTAGE**

FT CALHOUN STATION
 P.O. BOX 399
 FT CALHOUN, NE 68023

SNUBBER - LOCATION	SER. NO INSTALLED	MANUFACTURER	DATE	FUNCTIONAL TEST	EXAMINATIONS
SIS-127A	FC-010-061	BP	10/06/1999	Y	VT-3
SIS-16	FC-003-82	BP	10/30/1999	Y	VT-3
SIS-162	FC-003-350	BP	10/30/1999	Y	VT-3
SIS-168A BOTTOM	FC-003-241	BP	10/30/1999	Y	VT-3
SIS-172	FC-003-148	BP	10/30/1999	Y	VT-3
SIS-18	FC-003-76	BP	10/09/1999	Y	VT-3
SIS-187	FC-003-067	BP	10/05/1999	Y	VT-3
SIS-19	FC-010-055	BP	10/05/1999	Y	VT-3
SIS-21	FC-003-128	BP	10/06/1999	Y	VT-3
SIS-21B	FC-003-294	BP	09/20/1999	Y	VT-3
SIS-22	FC-010-066	BP	10/09/1999	Y	VT-3
SIS-27B	FC-021-001	G	10/18/1999	Y	VT-3
SIS-29	FC-003-248	BP	10/20/1999	Y	VT-3
SIS-32B	FC-003-034	BP	10/20/1999	Y	VT-3
SIS-41A	FC-003-193	BP	10/18/1999	Y	VT-3
SIS-45	FC-003-115	BP	10/19/1999	Y	VT-3
SIS-4A	FC-003-226	BP	10/20/1999	Y	VT-3
SIS-5A	FC-003-141	BP	10/12/1999	Y	VT-3
SIS-64	FC-020-028	BP	10/18/1999	Y	VT-3
SIS-67	FC-020-030	BP	10/07/1999	Y	VT-3
SIS-70	FC-003-048	BP	09/14/1999	Y	VT-3
SIS-76	FC-003-264	BP	09/13/1999	Y	VT-3
SIS-76A	FC-003-004	BP	09/08/1999	Y	VT-3
SIS-82A	FC-003-358	BP	09/08/1999	Y	VT-3
SIS-8B	FC-003-005	BP	09/08/1999	Y	VT-3
SIS-93	FC-003-036	BP	09/08/1999	Y	VT-3
SIS-96A	FC-003-354	BP	09/07/1999	Y	VT-3
SIS-99	FC-003-357	BP	09/07/1999	Y	VT-3
WDS-107	FC-003-033	BP	09/07/1999	Y	VT-3