

**Omaha Public Power District**  
1623 Harney Omaha, Nebraska 68102  
402/536-4000

June 17, 1985

85-QARA-79

Mr. Jay D. Ringenberg  
Chief, Permits & Enforcement Section  
State of Nebraska  
Department of Environmental Control  
Box 94877, State House Station  
Lincoln, Nebraska 68509-4877

RE: NPDES Noncompliances for Outfall 002 at the Fort Calhoun Power  
Station from October 27, 1983 to May 15, 1985

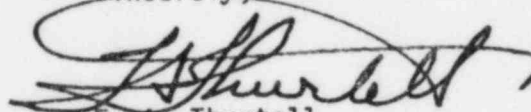
Dear Mr. Ringenberg:

Enclosed you will find the pH and TSS violations that occurred at the Fort  
Calhoun Power Station from October 27, 1983 to May 15, 1985 for Outfall  
002.

We notified you in an October 27, 1983 letter of our intention to submit  
to the DEC a comprehensive written report including all noncompliance data  
at the conclusion of the extensive repair and modification work to the  
chemical and equalization decantation holding basins. During the  
construction period we gave the DEC verbal notification of all  
noncompliances on a regular basis. The construction and modification work  
was concluded this spring with full NPDES compliance achieved after May  
15, 1985.

If you have any questions or comments on any of the enclosed data, please  
advise.

Sincerely,



F. A. Thurtell  
Division Manager  
Quality Assurance & Regulatory Affairs

FAT/TVG:jbk

Enclosure

8508080647 850717  
PDR ADUCK 05000285  
S PDR

NPDES Violations for Outfall 002 at Fort Calhoun Station

<u>Release Permit No.</u>	<u>Date/Time</u>	<u>Total Flow (MGD)</u>	<u>Noncompliance pH Results</u>	<u>Noncompliance TSS (if applicable)</u>
83-127	10-27-83/0740	.127	4.98	NA
Recheck	/0745		4.98	NA
Recheck	/1005		2.12	NA
83-128	10-28-83/0340	.127	2.11	NA
83-129	10-30-83/1240	.133	2.10	NA
83-131	11-01-83/1356	.127	4.58	NA
83-132	11-02-83/0518	.181	2.49	NA
Recheck	/0632		2.52	NA
Recheck	/0730		2.55	NA
Recheck	/0830		2.55	NA
Recheck	/0930		2.55	NA
Recheck	/1002		2.56	NA
83-133	11-03-83/0845	.205	2.60	NA
83-134	11-03-83/1745	.266	2.49	NA
83-135	11-05-83/1600	.242	2.23	NA
83-136	11-07-83/0215	.108	2.26	NA
83-137	11-08-83/0615	.145	2.20	NA
83-138	11-09-83/1640	.145	2.31	NA
83-139	11-10-83/1020	.199	11.05	NA
83-140	11-11-83/1555	.181	2.90	NA
83-141	11-12-83/1935	.157	4.78	NA
83-142	11-13-83/1630	.145	2.57	NA
83-143	11-15-83/0315	.199	2.34	NA
83-144	11-16-83/2140	.290	2.33	NA
83-145	11-18-83/0220	.199	2.45	NA
Recheck	/None Given		2.52	NA
Recheck	/None Given		10.25	NA
83-146	11-19-83/1845	.254	2.60	NA
83-147	11-20-83/2145	.181	2.20	NA
83-149	11-23-83/1350	.217	2.18	NA
Recheck	/1700		2.40	NA
Recheck	/1800		2.36	NA
Recheck	/1910		7.10	NA
83-150	11-25-83/0905	.145	2.64	NA
83-151	11-27-83/0825	.248	2.50	NA
Recheck	/0825		2.50	NA
Recheck	/0925		2.50	NA
Recheck	/1100		2.70	NA
83-152	11-29-83/1225	.302	2.24	NA
Recheck	/None Given		2.98	NA
83-153	12-01-83/0900	.254	2.20	NA
83-154	12-03-83/1140	.260	2.60	NA
Recheck	/None Given		9.76	NA
83-155	12-04-83/1730	.181	2.25	NA
83-156	12-05-83/0500	.072	9.68	NA
83-157	12-06-83/1110	.127	3.88	NA
83-158	12-07-83/2130	.163	5.70	NA
83-159	12-08-83/0620	.072	5.90	120 mg/l

<u>Release Permit No.</u>	<u>Date/Time</u>	<u>Total Flow (MGD)</u>	<u>Noncompliance pH Results</u>	<u>Noncompliance TSS (if applicable)</u>
83-160	12-10-83/0800	.266	2.05	NA
83-161	12-12-83/1045	.223	5.50	NA
83-162	12-13-83/1030	.242	2.24	NA
83-163	12-15-83/0748	.302	12.30	NA
83-165	12-20-83/1335	.272	10.04	NA
83-166	12-22-83/1630	.181	2.28	NA
83-167	12-26-83/1205	.290	10.28	NA
83-168	12-31-83/1025	.217	2.08	NA
84-1	01-06-84/0850	.254	9.77	NA
84-2	01-09-84/1030	.242	5.60	NA
84-3	01-12-84/0815	.290	5.60	NA
84-4	01-15-84/0815	.278	2.80	NA
84-5	01-18-84/0905	.290	9.50	NA
84-7	01-24-84/0830	.235	9.92	NA
84-9	02-01-84/0753	.199	10.60	NA
84-11	02-06-84/0810	.260	5.40	NA
84-12	02-09-84/1030	.272	5.40	NA
84-13	02-11-84/0825	.272	2.60	NA
84-16	02-17-84/1155	.260	9.90	NA
84-18	02-23-84/0850	.326	5.83	NA
84-20	02-28-84/0710	.290	5.33	NA
84-21	03-02-84/0715	.108	11.00	NA
84-23	03-04-84/1100	.163	9.80	NA
84-25	03-08-84/1330	.163	9.60	NA
84-26	03-10-84/0930	.199	9.40	NA
84-27	03-14-84/0835	.326	3.37	NA
84-29	03-22-84/0850	.219	9.75	NA
84-31	03-28-84/1044	.042	10.10	NA
84-32	04-04-84/1820	.086	2.32	NA
84-33	04-09-84/0830	.219	2.20	NA
84-35	04-19-84/0100	.216	2.02	NA
84-36	04-20-84/0905	.109	2.79	NA
84-36	04-22-84/0815	.001	2.08	NA
84-38	04-25-84/0855	.128	3.79	NA
84-39	04-27-84/0045	.128	5.13	NA
84-40	04-30-84/0005	.201	9.48	NA
84-43	05-05-84/1010	.238	11.20	NA
84-44	05-11-84/0635	.091	9.05	NA
84-45	05-13-84/1130	.290	4.15	NA
84-47	05-18-84/1015	.311	10.15	NA
84-50	05-26-84/0815	.293	3.53	NA
84-51	05-29-84/1415	.256	5.91	NA
84-53	06-03-84/0830	.022	9.90	NA
84-57	06-13-84/1030	.146	3.10	NA
84-60	06-21-84/0025	.311	5.18	NA
84-62	07-08-84/1157	.256	2.96	NA
84-65	07-23-84/1650	.286	11.10	NA
84-66	07-26-84/1030	.097	4.50	NA
84-67	07-28-84/0815	.109	2.82	NA
84-70	08-01-84/1220	.146	3.10	NA

<u>Release Permit No.</u>	<u>Date/Time</u>	<u>Total Flow (MGD)</u>	<u>Noncompliance pH Results</u>	<u>Noncompliance TSS (if applicable)</u>
84-71	08-02-84/2015	.109	5.70	NA
84-72	08-04-84/1230	.183	3.00	NA
84-73	08-06-84/0001	.024	2.52	NA
84-74	08-09-84/0815	.183	2.88	NA
84-75	08-09-84/2000	.329	2.30	NA
84-76	08-10-84/1015	.128	2.10	NA
84-77	08-12-84/1230	.219	2.20	NA
84-78	08-13-84/2130	.177	3.00	NA
84-79	08-15-84/0815	.109	2.20	NA
84-80	08-16-84/1015	.293	2.55	NA
84-81	08-18-84/1345	.085	3.60	NA
84-84	08-23-84/1815	.140	2.30	NA
84-85	08-26-84/0930	.158	3.50	NA
84-86	08-28-84/0845	132 (gal)	2.30	NA
84-87	08-29-84/0810	.174	2.40	NA
84-88	08-30-84/0745	.158	2.40	NA
84-89	09-01-84/1115	.110	2.83	NA
84-90	09-02-84/2030	.126	2.50	NA
84-91	09-06-84/0230	.207	9.30	NA
84-92	09-06-84/0230	.158	12.40	NA
84-93	09-09-84/1025	.183	2.50	NA
84-94	09-09-84/1025	.174	11.90	NA
84-95	09-13-84/0945	.190	2.55	NA
84-97	09-17-84/0530	.164	2.30	NA
84-98	09-17-84/0530	.142	2.40	NA
84-99	09-18-84/0015	.109	4.50	NA
84-100	09-18-84/0015	.095	2.50	NA
84-101	09-20-84/0802	.183	2.47	NA
84-102	09-21-84/0755	.207	2.49	NA
84-104	09-22-84/0305	.115	12.20	NA
84-105	09-24-84/0050	.219	3.16	NA
84-106	09-25-84/1900	.201	2.30	NA
84-108	09-27-84/1915	.274	2.80	NA
84-109	09-29-84/1730	.128	3.70	NA
84-110	09-30-84/1730	.201	2.01	NA
84-111	10-02-84/1300	.183	2.20	NA
84-113	10-03-84/1120	.128	10.50	NA
84-114	10-04-84/0830	.164	10.20	NA
84-115	10-05-84/0300	.054	2.60	NA
84-116	10-06-84/1202	.085	2.90	NA
84-117	10-07-84/0815	.164	2.30	NA
84-118	10-09-84/0830	.197	2.46	NA
84-119	10-10-84/0825	.109	5.43	NA
84-120	10-12-84/0500	.183	2.30	NA
84-121	10-12-84/1123	.189	2.04	NA
84-122	10-14-84/0825	.174	2.19	NA
84-123	10-15-84/1030	.036	2.20	NA
84-124	10-16-84/0845	.164	2.59	NA
84-125	10-16-84/0845	.031	11.52	NA
84-127	10-22-84/0826	.227	2.11	NA
84-128	10-22-84/0829	.183	2.43	NA

<u>Release Permit No.</u>	<u>Date/Time</u>	<u>Total Flow (MGD)</u>	<u>Noncompliance pH Results</u>	<u>Noncompliance TSS (if applicable)</u>
84-130	10-24-84/0135	.073	10.97	NA
84-131	10-25-84/0215	.183	4.90	NA
84-133	10-28-84/1045	.293	2.42	NA
84-134	10-28-84/1045	.221	2.46	NA
84-135 sump	10-29-84/0934	320 (gal)	NA	1028 mg/l
84-137 sump	10-30-84/0600	420 (gal)	NA	1138 mg/l
84-138	10-31-84/0245	.146	11.80	116.8 mg/l
84-139 sump	10-31-84/None	Given 138 (gal)	NA	1808 mg/l
84-142 sump	11-02-84/0702	474 (gal)	NA	540 mg/l
84-143	11-03-84/2050	.085	2.90	NA
84-144	11-04-84/1005	.256	2.40	NA
84-145	11-05-84/0400	.109	2.90	NA
84-146 sump	11-05-84/0445	1280 (gal)	NA	8901 mg/l
84-147	11-07-84/0040	.146	2.24	NA
84-148	11-08-84/0020	.073	9.60	NA
84-150 sump	11-09-84/0730	122 (gal)	NA	2710 mg/l
84-151	11-09-84/0740	.073	4.20	102.65 mg/l
84-152	11-09-84/2300	.205	11.88	NA
84-153	11-11-84/1245	.158	2.70	NA
84-154	11-12-84/0835	553 (gal)	9.51	1180 mg/l
84-155	11-14-84/0300	.237	2.20	NA
84-156	11-16-84/1600	.253	11.67	NA
84-157	11-20-84/1045	.200	3.00	NA
84-158	11-25-84/0300	.237	3.64	NA
84-160	11-29-84/1255	.219	10.64	139.1 mg/l 115 kg/day
84-161	12-02-84/0740	.219	3.80	NA
84-163A	12-04-84/None	Given .126	5.60	NA
84-163B	12-04-84/0400	.158	3.00	NA
84-164	12-08-84/1315	.221	5.79	NA
84-165	12-10-84/1330	.219	2.55	NA
84-166	12-12-84/1230	.253	3.68	NA
84-167	12-14-84/2000	.293	4.40	NA
84-170	12-22-84/0900	.190	4.17	NA
84-171	12-24-84/None	Given .219	2.40	NA
85-1	01-01-85/0300	.316	2.86	NA
85-2	01-02-85/1020	.268	5.88	NA
85-3	01-06-85/0830	.253	2.38	NA
85-4	01-08-85/0806	.219	3.19	NA
85-7	01-16-85/1015	.221	5.60	NA
85-8	01-18-85/1030	.256	2.70	NA
85-9	01-20-85/1030	.190	2.50	NA
85-10	01-23-85/1040	.293	5.52	NA
85-11	01-26-85/1030	.348	2.70	NA
85-12	01-28-85/2200	.280	4.40	NA
85-13	01-31-85/1010	.237	5.10	NA
85-14	02-02-85/0900	.219	4.90	NA
85-16	02-07-85/0830	.238	2.40	NA
85-17	02-09-85/0830	.200	2.90	NA
85-18	02-11-85/1020	.329	4.30	NA
85-24	02-22-85/0900	.213	5.88	NA
85-25	02-23-85/1200	.221	3.30	NA



<u>Release Permit No.</u>	<u>Date/Time</u>	<u>Total Flow (MGD)</u>	<u>Noncompliance pH Results</u>	<u>Noncompliance TSS (if applicable)</u>
85-26	02-25-85/0810	.256	2.90	NA
85-27	02-27-85/1410	.221	3.80	NA
85-28	03-02-85/0110	.329	3.47	NA
85-31	03-08-85/0930	.095	11.50	NA
85-32	03-10-85/0745	.293	5.66	NA
85-33	03-12-85/1600	.221	2.97	NA
85-35	03-17-85/1045	.316	11.98	NA
85-36	03-19-85/0945	.238	9.50	NA
85-37	03-21-85/0830	.205	10.84	NA
85-39	03-27-85/0830	.253	3.31	NA
85-40	03-29-85/1000	.293	5.58	NA
85-41	03-31-85/0750	.158	11.00	NA
85-42	04-02-85/0800	.238	3.20	NA
85-43	04-05-85/0940	.174	10.45	NA
85-46	04-11-85/0800	.276	11.80	NA
85-48	04-12-85/0800	.190	3.00	NA
85-49	04-13-85/0815	.219	11.30	NA
85-50	04-15-85/0915	.190	3.10	NA
85-51	04-17-85/0850	.219	3.10	NA
85-52	04-19-85/1615	.205	11.19	NA
85-53	04-21-85/0810	.256	5.90	NA
85-54	04-23-85/0245	.137	11.95	NA
85-55	04-25-85/0900	.402	NA	630 mg/l 961 kg/day
85-56	04-27-85/1200	.285	11.92	NA
85-60	05-05-85/1200	.221	9.59	NA
85-61	05-07-85/1000	.238	10.63	NA
85-62	05-09-85/0830	.253	3.05	NA
85-63	05-11-85/0830	.262	10.80	NA
85-64	05-13-85/0820	.221	5.10	NA
85-65	05-15-85/0820	.262	11.60	NA