

Attachment IV  
 NFVO Docket No. 14-CA-EO-01,  
<sup>1</sup>Parametric Monitoring/Excess Emission/Opacity Violations

Violation #	Violation Date	Stack #	Duration (min.)	Time Period	Description	Notes
1	12/24/2013	3	42	1200-1242	low Dp due to reduced water flow to the sprays	notification ok
2	12/3/2013	3	10	1221-1230	low pressure from oil pump caused overfire fan to trip offline causing VE in the range of 25%-35%	notification ok
3	12/2/2013	1&2	6	0632-0637	wet bagasse caused VE ~ 25%	notification ok
4	11/11/2013	3	129	0451-0650	low Dp on switch to once-through, operator did not adjust	no deviation report filed
5	10/19/2013	3	40	0346-0426	low Dp due to slow damper reaction during fuel switch and slow operator response	no deviation report filed
6	10/15/2013	1&2	5	0707-0711	wet bagasse caused VE in the range of 20%-55%	notification ok
7	10/12/2013	3	46	0705-0751	low Dp due to slow damper reaction during fuel switch and incorrect initial operator response	no deviation report filed
8	10/7/2013	1&2	15	0845-0900	wet bagasse & increase of coal caused VE in the range of 20%-30%	notification ok
9	10/6/2013	3	46	1503-1549	low Dp due to slow damper reaction during switch from full bagasse to full coal	no deviation report filed
10	10/4/2013	1&2	6	0637-0643	switch in fuel caused VE in the range of 20%-35%	notification ok

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11	10/3/2013	1&2	3	1722-1725	increase in boiler load during Mill startup caused VE in the range of 20%-50%	called 10/3/13, 1757 5-day letter due 10/10/13, received 10/11/13
12	8/23/2013	3	23	0457-0520	low Dp due to slow damper reaction during switch from full bagasse to full coal	no deviation report filed
13	8/6/2013	1&2	4	1532-1536	poor bagasse quality caused VE in the range of 20%-40%	notification ok
14	7/29/2013	3	71	1819-1930	low Dp due to operator error while in hand control during plant upset	no deviation report filed
15	7/25/2013	1&2	2	1746-1748	wet bagasse caused VE in the range of 20%-60%	notification ok
16	7/24/2013	1&2	2	0644-0646	no bagasse feed & use of oil burners caused VE in the range of 20%-40%	notification ok
17	7/10/2013	1&2	4	0913-0917	fuel switch from bagasse to coal and oil caused VE in the range of 20%-60%	notification ok
18	7/9/2013	1&2	4	1525-1529	wet bagasse & use of oil burners caused VE in the range of 50%-75%	called 7/9/13, 1612 5-day letter due 7/16/13, received 7/17/13
19	7/5/2013	3	681	0000-1121	low Dp on once through (continuation from 7/4/13)	no deviation report filed
20	7/4/2013	3	126	0511-0717	low flow at shift to once through	no deviation report filed
21	6/15/2013	1&2	6	1928-1934	overload of wet/dirty bagasse caused VE ~45%	notification ok
22	4/22/2013	1&2	6	1530-1536	bagasse feeder flow interruption caused VE in the range of 20%-40%	notification ok
23	4/3/2013	1&2	4	0857-0901	header pressure drop to 848 psig caused VE in the range of 20%-70%	notification ok

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24	3/19/2013	3	13	0453-0553	low flow when swapping pumps, check valve and discharge valve problems (1025-1039)	called 3/19/13, 0600. 5-day letter due 3/26/13, received 3/27/13
25	3/12/2013	3	55	1030-1125	low flow during once through, operator error	notification ok
26	3/6/2013	1&2	13	1345-1358	planned shutdown to repair scrubber pump leak caused VE in the range of 25%-35%	notification < 24 hr. prior to shutdown. Called 3/6/13, 12:09 p.m. 5-day letter due 3/13/13, received 3/15/13
27	2/11/2013	3	10	0512-0522	low flow due to stuck control valve	called 2/11/13, 0535. 5-day letter due 2/19/13, received 2/22/13
28	2/1/2013	3	268	0642-1110	restart of boiler caused VE range of 20%-25%	notification ok
29	12/8/2012	1&2	15	1000-1015	boiler 1 fuel switch and boiler 2 startup caused VE in the range of 30%-35%	called 12/8/12, 1100. 5-day letter due 12/14/12, received 12/17/12
30	12/1/2012	1&2	5	0620-0625	transition of bagasse quality and quantity caused VE in the range of 20%-50%	notification ok
31	11/27/2012	3	35	0718-0753	low Dp due to boiler trip and slow damper reaction	no deviation report filed
32	11/17/2012	1&2	4	1042-1046	unstable bagasse supply caused VE in the range of 20%-40%	notification ok
33	11/16/2012	3	4	0751-0755	low flow due to operator error	no deviation report filed
34	11/2/2012	3	28	1904-1932	low flow due to slow damper reaction, operator error	no deviation report filed
35	10/23/2012	3	5	0647-0652	bagasse feeder blockage, VE range of 20%-30%	notification ok
36	10/8/2012	3	8	0803-0811	low flow due to operator error	no deviation report filed
37	9/24/2012	3	89	0913-1042	low flow and Dp due to operator error	called 9/24/12, 1110. 5-day letter due 10/1/12, received 10/3/12

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38	9/23/2012	3	6	1101-1106	6-minute average opacity of 37.1%	exceedance occurred during SPT, received notification on 2/28/13 as part of semi-annual report
39	9/14/2012	3	6	0609-0615	low boiler pressure when switching from coal to oil, VE ~30%	notification ok
40	9/13/2012	3	24	0917-0941	low Dp due to slow damper response, operator error	no deviation report filed
41	8/31/2012	1&2	3	0924-0927	wet bagasse choked feeder #10 causing VE >20%	called 8/31/12, 1635. 5-day letter due 9/10/12, received 9/11/12
42	8/31/2012	3	7	1605-1612	wet bagasse choked bagasse feeder, VE range of 20%-30%	called 8/31/12, 1635. 5-day letter due 9/10/12, received 9/11/12
43	8/15/2012	3	15	1025-1040	wet bagasse choked bagasse feeder, VE range up to 45%	called 8/15/12, 1435. 5-day letter due 8/22/12, received 8/24/12
44	7/28/2012	3	20	0550-0610	inconsistent bagasse supply caused VE range ~35%	notification ok
45	7/27/2012	3	12	1905-1917	inconsistent bagasse supply caused VE range of 50%-75%	notification ok
46	7/26/2012	1&2	60	2000-2100	planned shutdown to repair scrubber pump leak (minimizing opacity by controlling boiler load)	notification < 24 hr. prior to shutdown. Called 7/26/12, 8:00 a.m.
47	7/23/2012	3	20	0550-0610	overfire fan belt failed causing VE in the range of 20%-40%	called 7/23/12, 0810. 5-day letter due 7/30/12, received 8/1/12
48	7/2/2012	3	49	0125-0214	low Dp due to slow damper response, operator error	no deviation report filed
49	6/7/2012	1&2	6	1447-1453	coal feeder stopped on boiler 2, increasing boiler 1 load caused VE ~50%	called 6/7/12, 1457. 5-day letter due 6/14/12, received 6/15/12
50	6/6/2012	1&2	8	0416-0424	firing of oil burners to recover boiler pressure caused VE in the range of 20%-40%	called 6/6/12, 0600. 5-day letter due 6/13/12, received 6/15/12

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51	6/2/2012	1&2	6	1004-1010	swings in steam load during startup of boiler 2 caused VE ~35%	called 6/2/12, 1240. 5-day letter due 6/8/12, received 6/15/12
52	6/2/2012	3	INT	1004-1230	load swings caused poor combustion and VE in the range of 20%-40%	called 6/2/12, 1240. 5-day letter due 6/8/12, received 6/15/12
53	6/1/2012	3	INT	0540-0810	boiler startup caused VE in the range of 20%-40%	called 6/1/12, 0914. 5-day letter due 6/8/12, received 6/15/12
54	5/22/2012	1&2	10	1618-1628	wet bagasse caused VE in the range of 30%-50%	notification ok
55	5/19/2012	1&2	10	1730-1740	load shift to boilers 1&2 from boiler 3 caused VE in the range of 20%-40%	notification ok
56	4/26/2012	1&2	5	0921-0926	wet bagasse and steam flow increase caused VE ~50%	called 4/26/12, 1152. 5-day letter due 5/3/12, received 5/7/12
57	4/8/2012	3	41	1626-1707	low Dp due to low exhaust gas flow during startup	no deviation report filed
58	4/5/2012	1&2	9	0709-0718	load shift to boiler 1 caused VE in the range of 35%-65%	notification ok
59	4/3/2012	1&2	6	0604-0610	increased fuel flow caused VE ~50%	notification ok
60	4/3/2012	3	7	1807-1814	sudden increase in steam load caused VE >20%	notification ok
61	3/30/2012	1&2	10	0805-0815	mill outage caused load shift caused VE in the range of 35%-40%	called 3/30/12, 0835. 5-day letter due 4/6/12, received 4/10/12
62	3/26/2012	1&2	10	0850-0900	wet bagasse due to green cane caused VE in the range of 20%-60%	notification ok
63	3/22/2012	3	10	0925-0935	low flow during switch from once through to recirc. mode caused VE in the range of 35%-60%	notification ok

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64	3/7/2012	1&2	5	0633-0638	wet coal caused feeder problems causing VE in the range of 20%-60%	notification ok
65	3/1/2012	1&2	3	1330-1333	sudden increased load to boiler 1 caused VE in the range of 50%-90%	called 3/1/12, 1405. 5-day letter due 3/8/12, received 3/13/12
66	2/28/2012	1&2	10	0720-0730	poor combustion due to clinker buildup caused VE in the range of 20%-40%	notification ok
67	2/7/2012	1&2	20	0645-0705	poor combustion while switching feeders caused VE >35%	notification ok
68	2/1/2012	1&2	435	0615-1330	low oil combustion rate during startup caused VE ~60%	called 2/1/12, 0911. 5-day letter due 2/8/12, received 2/10/12
69	3/6/2012	3	53	1904-1957	low Dp due to low exhaust gas flow during startup	no deviation report filed
70	1/25/2012	3	184	0623-0927	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received on time
71	1/19/2012	3	600	0000-1000	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
72	1/18/2012	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
73	1/17/2012	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
74	1/16/2012	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
75	1/15/2012	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
76	1/14/2012	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
77	1/13/2012	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)

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78	1/12/2012	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
79	1/11/2012	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
80	1/10/2012	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
81	1/9/2012	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
82	1/8/2012	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
83	1/7/2012	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
84	1/6/2012	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
85	1/5/2012	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
86	1/4/2012	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
87	1/3/2012	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
88	1/2/2012	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
89	1/1/2012	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
90	12/31/2011	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
91	12/30/2011	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
92	12/29/2011	3	840	0000-1400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)

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93	12/28/2011	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
94	12/27/2011	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
95	12/26/2011	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
96	12/25/2011	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
97	12/24/2011	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
98	12/23/2011	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
99	12/22/2011	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
100	12/21/2011	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
101	12/20/2011	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
102	12/19/2011	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
103	12/18/2011	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
104	12/17/2011	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
105	12/16/2011	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
106	12/15/2011	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
107	12/14/2011	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)

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108	12/13/2011	3	1440	0000-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
109	12/12/2011	3	660	1300-2400	low Dp due to improper setpoint during once through operation	discovered/called 1/27/12, 1800. 5-day letter received 2/2/12 (ok)
110	11/11/2011	3	52	1600-1652	low Dp due to plugged sensing line	notification ok
111	11/9/2011	3	41	1854-1956	low Dp due to plugged sensing line	no deviation report filed, reported on semi-annual report only
112	11/4/2011	1&2	2	0705-0707	no bagasse feed caused VE >20%	called 11/4/11, 0715. 5-day letter due 11/14/11, received 11/16/11
113	11/1/2011	3	420	0800-1500	low Dp due to malfunction of damper position control caused VE >35%	called 11/8/11, 1345. 5-day letter due 11/8/11, received 11/16/11
114	10/28/2011	3	53	1207-1301	low Dp due to slow damper response on fuel change	no deviation report filed
115	10/26/2011	1&2	16	1648-1704	planned shutdown of scrubber pumps to repair damper hydraulic control (limit boiler load to control opacity)	notification < 24 hr. prior to shutdown. Called 10/27/11, 1756 (after shutdown occurred)
116	10/22/2011	3	7	0828-0835	bagasse feeder blockage, VE ~50%	notification ok
117	10/14/2011	1&2	180	0400-0700	planned shutdown of scrubber pumps to modify leak containment system	notification ok, limit boiler load to control opacity
118	10/14/2011	3	56	0036-0132	low Dp due to slow damper response on fuel change	no deviation report filed
119	10/13/2011	3	108	0609-0757	low Dp due to improper setpoint during once through operation	no deviation report filed
120	10/7/2011	3	72	0550-0702	low Dp due to plugged sensing line	no call. 5-day letter due 10/17/11, received 11/16/11
121	10/6/2011	3	69	1337-1445	low Dp due to slow damper response on fuel change	no deviation report filed
122	9/27/2011	3	28	0126-0153	low Dp due to plugged sensing line	no deviation report filed

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123	9/11/2011	3	283	0000-0443	low Dp due to frozen damper control hydraulic cylinder	no deviation report filed
124	9/10/2011	3	1175	0425-2400	low Dp due to frozen damper control hydraulic cylinder	no deviation report filed
125	9/9/2011	3	41	0750-0831	low Dp due to plugged sensing line	no deviation report filed
126	9/7/2011	3	112	2208-2400	low Dp due to plugged sensing line	no deviation report filed
127	7/27/2011	3	63	1835-1938	low Dp due to low exhaust gas flow during startup	no deviation report filed
128	7/26/2011	3	180	0200-0500	low Dp due to low exhaust gas flow during startup caused intermittent VE >20%	notification ok
129	7/20/2011	3	10	0650-0700	dust collector choke caused VE up to 60%	notification ok
130	7/18/2011	1&2	120	0400-0600	planned shutdown to repair scrubber leak	notification ok, limit boiler load to control opacity
131	7/5/2011	1&2	5	0940-0945	startup of boiler 1 caused VE in the range of 20%-60%	notification ok
132	7/5/2011	3	367	0200-0807	low Dp due to low exhaust gas flow during startup	no deviation report filed
133	7/4/2011	3	73	0957-1110	low Dp due to low exhaust gas flow during startup	no deviation report filed
134	7/1/2011	1&2	810	0900-2230	planned shutdown to repair scrubber leak	notification ok, limit boiler load to control opacity
135	6/27/2011	3	81	1347-1507	low flow and Dp during once through	no deviation report filed
136	6/24/2011	3	38	2130-2208	low Dp during coal operation	no deviation report filed
137	6/16/2011	3	37	0858-0935	low Dp due to unspecified control issue	no deviation report filed
138	6/10/2011	1&2	570	0500-1430	planned shutdown to repair scrubber leak (limit boiler load to control opacity)	notification < 24 hrs. prior to shutdown. Called 6/9/11, 0530.

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139	5/18/2011	3	56	1834-1930	low flow due to plugged flume and slipping recirculation pump belt	no deviation report filed
140	5/15/2011	3	59	1412-1511	low Dp due to instrument technician working on sensing line	no deviation report filed
141	5/13/2011	3	129	0908-1117	low Dp due to low load and exhaust gas flow while boiler was "banked" for fan repair	no deviation report filed
142	5/12/2011	3	440	0000-0720	low Dp due to low exhaust gas flow during startup	no deviation report filed
143	5/11/2011	3	210	2030-2400	low Dp due to low exhaust gas flow during startup	no deviation report filed
144	5/9/2011	1&2	55	1115-1210	interrupted fuel to boiler 1 caused VE >35%	called 5/9/11, 1243. 5-day letter due 5/16/11, received 5/27/11
145	5/9/2011	3	47	1337-1424	low Dp due to low exhaust gas flow during startup	no deviation report filed
146	5/1/2011	1&2	10	0536-0546	wet bagasse caused VE >30%	called 5/1/11, 0712. 5-day letter due 5/6/11, received 5/27/11
147	4/5/2011	1&2	208	0311-0639	emergency repair of scrubber damper housing and flanges caused VE in the range of 25%-35%	notification ok
148	3/15/2011	1&2	60	0700-0800	planned shutdown to repair scrubber leak (limit boiler load to control opacity)	notification < 24 hr. prior to shutdown. Called 3/14/11, 1330
149	3/12/2011	3	544	0835-1739	low Dp due to low exhaust gas flow during startup	no deviation report filed
150	2/6/2011	1&2	555	0645-1600	planned shutdown to repair scrubber leak (limit boiler load to control opacity)	notification < 24 hr. prior to shutdown. Called 2/6/11, 0700 (after shutdown occurred)
151	1/8/2011	3	22	1047-1109	low Dp due to low exhaust gas flow during startup	no deviation report filed

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152	12/22/2010	3	26	1421-1447	coal feeder malfunction caused VE in the range of 35%-40%	notification ok
153	11/27/2010	3	26	0557-0623	low flow due to recirculation tank level control malfunction	no deviation report filed
154	11/15/2010	3	16	0705-0721	low flow due to leaking recirculation valve	no deviation report filed
155	11/11/2010	3	111	0511-0702	low flow due to slipping recirculation belts	no deviation report filed
156	11/10/2010	3	42	0613-0655	low flow due to technician flushing sensing line and adjusting flow	no deviation report filed
157	11/4/2010	3	40	1009-1049	low Dp due to technician flushing sensing line	no deviation report filed
158	10/25/2010	1&2	10	1446-1456	wet bagasse caused VE >20%	called 10/25/10, 1503. 5-day letter due 11/1/10, received 11/3/10
159	10/24/2010	3	6	0631-0637	low flow, dropped suddenly during boiler transient	no deviation report filed
160	10/23/2010	3	230	1247-1637	low Dp due to technician working on transmitter	no deviation report filed
161	10/14/2010	3	688	0039-1207	low flow during once through, unable to maintain at setpoint	no deviation report filed
162	9/13/2010	1&2	8	1805-1813	hang up of coal chutes caused VE >20%	called 9/13/10, 1918. 5-day letter due 9/20/10, received 9/22/10
163	9/12/2010	3	533	0146-1039	low Dp due to low exhaust gas flow during startup	no deviation report filed
164	9/10/2010	3	31	0157-0228	low Dp due to inability to control damper because of boiler's positive pressure	no deviation report filed
165	9/8/2010	3	488	0000-0808	low Dp due to low exhaust gas flow during startup	no deviation report filed
166	9/7/2010	3	100	2220-2400	low Dp due to low exhaust gas flow during startup	no deviation report filed

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<sup>1</sup>Parametric Monitoring/Excess Emission/Opacity Violations

Violation #	Violation Date	Stack #	Duration (min.)	Time Period	Description	Notes
167	9/6/2010	3	492	1215-2027	low flow during once through, unable to maintain	no deviation report filed
168	9/3/2010	3	180	0345-0645	low flow due to plugged line and slipping belt	no deviation report filed
169	9/2/2010	3	42	0355-0437	low Dp due to slow response during fuel switch	no deviation report filed
170	8/28/2010	1&2	10	0528-0538	boiler 3 tripped offline, causing overload of 1&2 which caused VE >60%	called 8/28/10, 0730. 5-day letter due 9/3/10, received 9/7/10
171	8/21/2010	3	232	0600-0952	low flow during once through, setpt. too low	no deviation report filed
172	8/18/2010	3	52	2044-2136	low flow and Dp due to supply pump trip	no deviation report filed
173	8/17/2010	1&2	20	0835-0855	scrubber shutdown to clear low flow condition may've caused VE >20%	notification ok
174	8/8/2010	3	37	2247-2324	low Dp due to slow response during fuel switch	no deviation report filed
175	8/4/2010	3	27	1920-1947	low Dp due to slow damper response during fuel switch	no deviation report filed
176	8/2/2010	3	35	0240-0315	low Dp due to low exhaust gas flow during boiler recovery	no deviation report filed
177	7/16/2010	1&2	13	0948-1001	fuel pressure imbalance when firing oil caused VE >60%	notification ok
178	7/12/2010	1&2	18	0510-0528	coal feeders choked with bagasse caused VE ~25%	called 7/12/10, 0600. 5-day letter due 7/19/10, received 7/21/10
179	7/5/2010	3	47	1245-1332	low Dp due to low exhaust gas flow during boiler startup	no deviation report filed
180	6/21/2010	3	378	0000-0618	low Dp due to damper hydraulic pump trip during maintenance	no deviation report filed
181	6/20/2010	1&2	99	1208-0147	MECO power surge cut power to scrubber pumps caused unknown VE	notification ok

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<sup>1</sup>Parametric Monitoring/Excess Emission/Opacity Violations

Violation #	Violation Date	Stack #	Duration (min.)	Time Period	Description	Notes
182	6/19/2010	3	55	2305-0000	low Dp due to boiler trip, loss of FD fan	no deviation report filed
183	6/5/2010	3	430	0000-0710	low Dp due to low exhaust gas flow during boiler startup	no deviation report filed
184	6/4/2010	3	191	2049-2400	low Dp due to low exhaust gas flow during boiler startup	no deviation report filed
185	6/2/2010	3	142	1718-1740	low Dp during fuel switch	no deviation report filed
186	5/3/2010	1&2	5	0700-0705	interruption of fuel supply caused VE >60%	notification ok
187	3/28/2010	1&2	3	1237-1240	coal hang up caused drop in steam pressure caused VE >60%	called 3/28/10, 1710. 5-day letter due 4/2/10, received 4/7/10
188	3/28/2010	3	15	1159-1214	low Dp due to unlabel fuel feed prior to plant trip	no deviation report filed
189	3/1/2010	3	165	0939-1224	low Dp due to low exhaust gas flow during boiler startup	no deviation report filed
190	2/18/2010	3	666	0000-1106	low Dp due to low exhaust gas flow during boiler startup	no deviation report filed
191	2/17/2010	3	481	1559-2400	low Dp due to low exhaust gas flow during boiler startup	no deviation report filed
192	1/23/2010	1&2	103	2400-0143	scrubber pump breakdown may've caused VE exceedance	called 1/22/10, 2320. 5-day letter due 1/29/10, received 2/1/10
193	1/22/2010	1&2	140	2140-2400	scrubber pump breakdown may've caused VE exceedance	called 1/22/10, 2320. 5-day letter due 1/29/10, received 2/1/10
194	1/17/2010	1&2	45	2010-2055	scrubber pump breakdown may've caused VE exceedance	notification ok
195	11/11/2009	1&2	240	0345-0745	planned shutdown of scrubber to repair leak caused elevated VE	notification < 24 hr. prior to shutdown. Called 11/10/11, 0840
196	10/21/2009	1&2	25	1205-1230	wet bagasse caused VE >20%	notification ok

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Violation #	Violation Date	Stack #	Duration (min.)	Time Period	Description	Notes
197	9/28/2009	1&2	180	0400-0700	planned shutdown of scrubber to repair leak caused elevated VE	notification ok
198	9/17/2009	1&2	6	1825-1831	wet bagasse caused VE >20%	called 9/17/09, 1845. 5-day letter due 9/24/09, received 9/28/09
199	9/10/2009	1&2	15	1100-1115	wet bagasse caused VE >20%	notification ok
200	8/20/2009	3	10	1155-1205	wet bagasse caused VE >20%	called 8/20/09, 1223. 5-day letter due 8/27/09, received 9/1/09
201	7/21/2009	3	20	0620-0640	sudden fuel change caused VE >20%	notification ok
202	7/3/2009	1&2	240	0600-1000	planned shutdown of scrubber to repair leak (will shutdown 1 boiler and reduce output of other)	notification ok
203	7/3/2009	3	6	1339-1345	coal feeder blocked by large rocks caused VE >20%	called 7/3/09, 1414 5-day letter due 7/10/09, received 7/13/09
204	7/1/2009	3	53	n/a	low Dp, no specific cause	no deviation report filed
205	6/30/2009	1&2	30	1830-1900	wet bagasse caused elevated VE	called 7/1/09, 0830. 5-day letter due 7/9/09, received 7/13/09
206	6/30/2009	3	30	1830-1900	wet bagasse caused VE >20%	called 7/1/09, 0830. 5-day letter due 7/9/09, received 7/13/09
207	6/18/2009	3	70	0535-0645	wet bagasse caused VE >20%	called 6/18/09, 0540. 5-day letter due 6/25/09, received 6/29/09
208	6/8/2009	1&2	10	0620-0630	wet bagasse caused VE >20%	notification ok
209	6/8/2009	3	10	0620-0630	wet bagasse caused VE >20%	notification ok
210	5/27/2009	3	15	0630-0645	blocked airflow due to accumulated dirt on boiler grate caused VE >20%	called 5/27/09, 0730. 5-day letter due 6/3/09, received 6/5/09
211	5/23/2009	3	10	0715-0725	boiler grate broke off and wedged in the ash conveyor causing VE >20%	no deviation report filed

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Violation #	Violation Date	Stack #	Duration (min.)	Time Period	Description	Notes
212	5/22/2009	1&2	20	1030-1050	temporary loss of bagasse caused elevated VE >20%	notification ok
213	5/21/2009	1&2	20	1830-1850	wet bagasse caused VE >20%	notification ok
214	5/21/2009	3	20	1830-1850	wet bagasse caused VE >20%	notification ok
215	5/19/2009	1&2	10	1700-1710	wet bagasse caused VE >20%	notification ok
216	4/4/2009	3	31	n/a	low Dp, no specific cause	no deviation report filed
217	3/6/2009	3	55	n/a	low Dp, no specific cause	no deviation report filed
218	2/23/2009	3	50	n/a	low flow due to mechanical pump failure	no deviation report filed
219	2/23/2009	3	362	n/a	low flow due to wrong setpt., operator error	no deviation report filed
220	1/14/2009	3	23	n/a	low flow due to control valve malfunction	no deviation report filed

<sup>1</sup>Includes violations of PTO No. P-783-1586, ATC No. A-1128-1042, PTO No. P-605-1584, PTO No. P-40-1585, CFR Part 60, Subpart D §60.42(a)(2) and HAR §11-60.1-32(b)