

Attachment III
 NFVO Docket No. 14-CA-EO-01, HAR §11-60.1-16(b) Violations

Violation #	Violation Date	Stack #	Duration (min.)	Time Period	Description	Notes
1	11/11/2013	3	129	0451-0650	low Dp on switch to once-through, operator did not adjust	no deviation report filed
2	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
3	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
4	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
5	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
6	7/29/2013	3	71	1819-1930	low Dp due to operator error while in hand control during plant upset	no deviation report filed
7	7/5/2013	3	681	0000-1121	low Dp on once through (continuation from 7/4/13)	no deviation report filed
8	7/4/2013	3	126	0511-0717	low flow at shift to once through	no deviation report filed
9	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
10	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
11	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
12	11/27/2012	3	35	0718-0753	low Dp due to boiler trip and slow damper reaction	no deviation report filed
13	11/16/2012	3	4	0751-0755	low flow due to operator error	no deviation report filed

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14	11/2/2012	3	28	1904-1932	low flow due to slow damper reaction, operator error	no deviation report filed
15	10/8/2012	3	8	0803-0811	low flow due to operator error	no deviation report filed
16	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
17	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
18	9/13/2012	3	24	0917-0941	low Dp due to slow damper response, operator error	no deviation report filed
19	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
20	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
21	7/2/2012	3	49	0125-0214	low Dp due to slow damper response, operator error	no deviation report filed
22	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
23	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
24	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
25	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
26	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
27	4/8/2012	3	41	1626-1707	low Dp due to low exhaust gas flow during startup	no deviation report filed
28	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

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29	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
30	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
31	11/11/2011	3	44	1308-1352	low Dp due to plugged sensing line	no deviation report filed, reported on semi-annual report only
32	11/9/2011	3	41	1854-1956	low Dp due to plugged sensing line	no deviation report filed, reported on semi-annual report only
33	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
34	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
35	10/14/2011	3	56	0036-0132	low Dp due to slow damper response on fuel change	no deviation report filed
36	10/13/2011	3	108	0609-0757	low Dp due to improper setpoint during once through operation	no deviation report filed
37	10/6/2011	3	69	1337-1445	low Dp due to slow damper response on fuel change	no deviation report filed
38	9/27/2011	3	28	0126-0153	low Dp due to plugged sensing line	no deviation report filed
39	9/11/2011	3	283	0000-0443	low Dp due to frozen damper control hydraulic cylinder	no deviation report filed
40	9/9/2011	3	41	0750-0831	low Dp due to plugged sensing line	no deviation report filed
41	9/7/2011	3	112	2208-2400	low Dp due to plugged sensing line	no deviation report filed
42	7/27/2011	3	63	1835-1938	low Dp due to low exhaust gas flow during startup	no deviation report filed
43	7/5/2011	3	367	0200-0807	low Dp due to low exhaust gas flow during startup	no deviation report filed
44	7/4/2011	3	73	0957-1110	low Dp due to low exhaust gas flow during startup	no deviation report filed
45	6/27/2011	3	81	1347-1507	low flow and Dp during once through	no deviation report filed

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46	6/24/2011	3	38	2130-2208	low Dp during coal operation	no deviation report filed
47	6/16/2011	3	37	0858-0935	low Dp due to unspecified control issue	no deviation report filed
48	5/18/2011	3	56	1834-1930	low flow due to plugged flume and slipping recirculation pump belt	no deviation report filed
49	5/15/2011	3	59	1412-1511	low Dp due to instrument technician working on sensing line	no deviation report filed
50	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
51	5/12/2011	3	440	0000-0720	low Dp due to low exhaust gas flow during startup	no deviation report filed
52	5/11/2011	3	210	2030-2400	low Dp due to low exhaust gas flow during startup	no deviation report filed
53	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
54	5/9/2011	3	47	1337-1424	low Dp due to low exhaust gas flow during startup	no deviation report filed
55	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
56	3/12/2011	3	544	0835-1739	low Dp due to low exhaust gas flow during startup	no deviation report filed
57	1/8/2011	3	22	1047-1109	low Dp due to low exhaust gas flow during startup	no deviation report filed
58	11/27/2010	3	26	0557-0623	low flow due to recirculation tank level control malfunction	no deviation report filed
59	11/15/2010	3	16	0705-0721	low flow due to leaking recirculation valve	no deviation report filed
60	11/11/2010	3	111	0511-0702	low flow due to slipping recirculation belts	no deviation report filed
61	11/10/2010	3	42	0613-0655	low flow due to technician flushing sensing line and adjusting flow	no deviation report filed

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62	11/4/2010	3	40	1009-1049	low Dp due to technician flushing sensing line	no deviation report filed
63	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
64	10/24/2010	3	6	0631-0637	low flow, dropped suddenly during boiler transient	no deviation report filed
65	10/23/2010	3	230	1247-1637	low Dp due to technician working on transmitter	no deviation report filed
66	10/14/2010	3	688	0039-1207	low flow during once through, unable to maintain at setpoint	no deviation report filed
67	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
68	9/12/2010	3	533	0146-1039	low Dp due to low exhaust gas flow during startup	no deviation report filed
69	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
70	9/8/2010	3	488	0000-0808	low Dp due to low exhaust gas flow during startup	no deviation report filed
71	9/7/2010	3	100	2220-2400	low Dp due to low exhaust gas flow during startup	no deviation report filed
72	9/6/2010	3	492	1215-2027	low flow during once through, unable to maintain	no deviation report filed
73	9/3/2010	3	180	0345-0645	low flow due to plugged line and slipping belt	no deviation report filed
74	9/2/2010	3	42	0355-0437	low Dp due to slow response during fuel switch	no deviation report filed
75	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
76	8/21/2010	3	232	0600-0952	low flow during once through, setpt. too low	no deviation report filed
77	8/18/2010	3	52	2044-2136	low flow and Dp due to supply pump trip	no deviation report filed

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78	8/8/2010	3	37	2247-2324	low Dp due to slow response during fuel switch	no deviation report filed
79	8/4/2010	3	27	1920-1947	low Dp due to slow damper response during fuel switch	no deviation report filed
80	8/2/2010	3	35	0240-0315	low Dp due to low exhaust gas flow during boiler recovery	no deviation report filed
81	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
82	7/5/2010	3	47	1245-1332	low Dp due to low exhaust gas flow during boiler startup	no deviation report filed
83	6/21/2010	3	378	0000-0618	low Dp due to damper hydraulic pump trip during maintenance	no deviation report filed
84	6/19/2010	3	55	2305-0000	low Dp due to boiler trip, loss of FD fan	no deviation report filed
85	6/5/2010	3	430	0000-0710	low Dp due to low exhaust gas flow during boiler startup	no deviation report filed
86	6/4/2010	3	191	2049-2400	low Dp due to low exhaust gas flow during boiler startup	no deviation report filed
87	6/2/2010	3	142	1718-1740	low Dp during fuel switch	no deviation report filed
88	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
89	3/28/2010	3	15	1159-1214	low Dp due to unlabel fuel feed prior to plant trip	no deviation report filed
90	3/1/2010	3	165	0939-1224	low Dp due to low exhaust gas flow during boiler startup	no deviation report filed
91	2/18/2010	3	666	0000-1106	low Dp due to low exhaust gas flow during boiler startup	no deviation report filed
92	2/17/2010	3	481	1559-2400	low Dp due to low exhaust gas flow during boiler startup	no deviation report filed
93	1/23/2010	1&2	243	2140-0143 (1/22/10 - 1/23/10)	scrubber pump breakdown may've caused VE exceedance	called 1/22/10, 2320. 5-day letter due 1/29/10, received 2/1/10

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94	9/17/2009	1&2	6	1825-1831	wet bagasse caused VE >20%	called 9/17/10, 1845. 5-day letter due 9/24/09, received 9/28/09
95	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
96	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
97	7/1/2009	3	53	n/a	low Dp, no specific cause	no deviation report filed
98	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
99	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
100	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
101	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
102	5/23/2009	3	10	0715-0725	boiler grate broke off and wedged in the ash conveyor causing VE >20%	no deviation report filed
103	4/4/2009	3	31	n/a	low Dp, no specific cause	no deviation report filed
104	3/6/2009	3	55	n/a	low Dp, no specific cause	no deviation report filed
105	2/23/2009	3	50	n/a	low flow due to mechanical pump failure	no deviation report filed
106	2/23/2009	3	362	n/a	low flow due to wrong setpt., operator error	no deviation report filed
107	1/14/2009	3	23	n/a	low flow due to control valve malfunction	no deviation report filed