UNITED STATES STEEL CORPORATION
MON VALLEY COMPLEX
CLAIRTON PLANT
CLAIRTON, PENNSYLVANIA

Relative Accuracy Test Audit of the Continuous Emissions Monitoring Systems at United States Steel Corporation – Mon Valley Complex Clairton Plant – Boiler No. 1 and Boiler No. 2 Per Pennsylvania Department of Environmental Protection - Continuous Source Monitoring Manual and Code of Federal Regulations, Title 40, Part 75 (Continuous Emission Monitoring) Requirements

March 18, 2009 and March 19, 2009

APRIL 2009

APPENDIX A

Correspondence with the PA DEP and U.S. Steel CEMS Data

CHESTER ENGINEERS

"Tradition in Engineering Excellence Since 1910"

Pennsylvania Department of Environmental Protection

Bureau of Air Quality
January 29, 2009

Ms. Coleen M. Davis
Senior Environmental Engineer
U.S. Steel – Mon Valley Works
Clairton Plant, MS 71
400 State Street
Clairton, PA 15025

Re: 2009 Relative Accuracy Test Audit (RATA) Protocol Review
USS – Clairton Coke Works
CEMS 1443 (0010210), Boiler 1, NOx lbs/MBtu
CEMS 1444 (0020210), Boiler 2, NOx lbs/MBtu

Dear Ms. Davis:

I have reviewed the protocol regarding the annual relative accuracy test audits (RATAs) of the referenced Continuous Emission Monitoring Systems (CEMSs) at the Clairton facility for 2009. The proposed test procedures are acceptable to the Department.

Acceptance of the final test report will be contingent upon the fulfillment of all applicable requirements of the Pennsylvania Department of Environmental Protections' Rules and Regulations and the Continuous Source Monitoring Manual.

If you have any questions regarding the contents of this letter, or if there is a change to the current test dates (March 18 and 19, 2009), please to contact me at 717-783-9468 or e-mail at jpitulski@state.pa.us.

Sincerely,

John S. Pitulski

John S. Pitulski, AQPS
Continuous Emission Monitoring Section
Division of Source Testing and Monitoring

Cc: Hudson Tiffany
Senior Field Technician
Chester Engineers, Inc.
260 Airside Drive
Moon Township, PA 15108

Rachel Carson State Office Building
Post Office Box 8468
Harrisburg, Pennsylvania 17105-8468
Bureau of Air Quality
January 27, 2009

Coleen M. Davis
Senior Environmental Engineer
U. S. Steel - Mon Valley Works
Clairton Plant, MS 71
400 State Street
Clairton, PA 15025

Re: Assignment Received

Dear Ms. Davis

We have received your Level IV Test Protocol Submittal for USS, USS Clairton Coke Works involving the following CEMSs:

1443	-- Boiler 1	NOx	lbs/MBtu	P 2
1444	-- Boiler 2	NOx	lbs/MBtu	P 2

The review has been assigned to John S. Pitulski who can be contacted at 717-783-9468 (Email: jpitulski@state.pa.us). You should receive a response (approval, disapproval, request for information, assignment not yet complete, etc.) by February 17, 2009.

Sincerely,

Charles J. Zadakis, Chief
Continuous Source Monitoring Section
Division of Source Testing and Monitoring
Bureau of Air Quality

Cc: Hudson Tiffany
Senior Field Technician
Chester Engineers, Inc.
260 Airside Drive
Moon Township, PA 15108

U.S. Steel Corporation - Mon Valley Complex - Clairton Plant
Boilerhouse NO_x RATA March 18, 2009
Boiler No. 1

Run #	USS Start Time	USS Stop Time	Chester Start Time	Chester Stop Time	BLR1 Fd Value	BLR1 GASFLOW Value	BLR1 GHEATIN Value	BLR1 NOXPPM Value	BLR1 O2 Value	BLR1 PNOX#/MM Value	BLR1 STMLOAD Value
1	8:05	8:25	9:07	9:27	7766.5	7004.1	373.5	144.6	9.2	0.241	268.1
2	8:38	8:58	9:40	10:00	7847.2	6725.8	350.1	144.8	9.2	0.243	268.1
3	9:14	9:34	10:16	10:36	7776.0	6987.2	349.8	145.7	9.2	0.242	268.8
4	9:49	10:09	10:51	11:11	7728.5	7950.0	407.5	142.8	9.4	0.239	268.1
5	10:21	10:41	11:23	11:43	7735.8	7876.0	390.0	144.8	9.5	0.244	269.3
6	10:53	11:13	11:55	12:15	7750.1	7235.2	344.1	143.9	9.5	0.245	268.7
7	11:23	11:43	12:25	12:45	7764.6	7096.0	352.2	143.8	9.5	0.244	268.6
8	11:54	12:14	12:56	13:16	7989.9	6188.4	339.0	146.0	9.5	0.257	268.8
9	12:27	12:47	13:29	13:49	7870.0	6318.5	334.9	148.7	9.6	0.257	268.5

ED_002508A_00000580-00004

Date/Time	BLR1 Fd Value	BLR1 GASFLOW Value	BLR1 GHEATIN Value	BLR1 NOXPPM Value	BLR1 O2 Value	BLR1 PNOX#/MM Value	BLR1 STMLOAD Value
03/18/2009 08:05	7766.59331	7103.89759	378.779948	147.280086	9.28236036	0.245664534	262.912776
03/18/2009 08:06	7766.55148	7319.08126	390.254412	143.708091	9.52889792	0.244926994	263.060231
03/18/2009 08:07	7766.48688	7118.77634	379.574416	139.993916	9.29169329	0.233575766	269.650314
03/18/2009 08:08	7766.48515	7082.41849	377.633568	145.162314	9.33366706	0.243590448	267.791737
03/18/2009 08:09	7766.4605	7125.38076	379.926328	146.642883	9.33225172	0.245374042	268.907351
03/18/2009 08:10	7766.42241	6919.06898	368.926412	142.641165	9.21374569	0.236456504	273.602999
03/18/2009 08:11	7766.39749	6721.31965	358.379716	142.992535	9.04918331	0.233847237	270.95653
03/18/2009 08:12	7766.42002	6894.13175	367.593412	143.668644	9.21724174	0.238531862	267.929069
03/18/2009 08:13	7766.40744	7057.23548	376.289904	142.647972	9.12518073	0.234838118	266.784344
03/18/2009 08:14	7766.47542	6993.7611	372.909416	142.251154	9.07043864	0.233093236	267.965382
03/18/2009 08:15	7766.4749	6927.59196	369.379632	146.290388	9.25760949	0.24352686	270.511037
03/18/2009 08:16	7766.4565	6776.58215	361.328312	146.282862	9.23971476	0.24315028	270.870098
03/18/2009 08:17	7766.51712	6826.84707	364.004976	145.81618	9.2555093	0.242583154	269.097678
03/18/2009 08:18	7766.47877	6920.36896	368.995728	145.443933	9.22961277	0.241633974	267.050673
03/18/2009 08:19	7766.5143	7039.08063	375.324812	144.251635	9.16760816	0.238379042	267.285758
03/18/2009 08:20	7766.48815	6969.89111	371.635068	144.313701	9.20065691	0.239314793	268.485724
03/18/2009 08:21	7766.559	6850.90045	365.289988	146.465488	9.25068867	0.243665924	269.01869
03/18/2009 08:22	7766.5683	7011.45752	373.85318	147.568536	9.35178014	0.247911188	265.590189
03/18/2009 08:23	7766.59065	7147.04034	381.07804	145.41498	9.30718542	0.243122705	266.994619
03/18/2009 08:24	7766.60799	7283.24333	388.340224	144.093807	9.29885999	0.240627921	266.335264
03/18/2009 08:25	7766.61623	6998.53505	373.16002	143.743126	9.17291282	0.237865689	270.112772
	7766.5	7004.1	373.5	144.6	9.2	0.241	268.1

ED_002508A_00000580-00005

Date/Time	BLR1 Fd Value	BLR1 GASFLOW Value	BLR1 GHEATIN Value	BLR1 NOXPPM Value	BLR1 O2 Value	BLR1 PNOX#/MM Value	BLR1 STMLOAD Value
03/18/2009 08:38	7847.12929	6732.58214	350.43183	147.071375	9.24184866	0.247008936	265.335839
03/18/2009 08:39	7847.16244	6914.51979	359.899725	143.336493	9.38826258	0.243707756	285.830093
03/18/2009 08:40	7847.13793	6772.46068	352.508625	140.659482	9.23145004	0.23605797	270.61659
03/18/2009 08:41	7847.16376	6688.73652	348.146835	145.02	9.17824981	0.242666397	270.408047
03/18/2009 08:42	7847.15826	6763.48211	352.040175	144.556177	9.2261714	0.242531834	266.709943
03/18/2009 08:43	7847.16218	6661.27913	346.720665	142.404493	9.18540049	0.237885814	272.213604
03/18/2009 08:44	7847.17936	6627.06602	344.940555	143.69074	9.12896506	0.239182202	269.155988
03/18/2009 08:45	7847.17041	6587.72763	342.88977	143.794876	9.14392185	0.239434897	267.963897
03/18/2009 08:46	7847.2286	6876.8357	357.93744	144.644991	9.46727512	0.248101647	265.368172
03/18/2009 08:47	7847.21698	6791.26594	353.487165	143.207858	9.06030903	0.238948317	268.649348
03/18/2009 08:48	7847.21673	6780.29067	352.914615	147.745614	9.21162801	0.247544928	265.874811
03/18/2009 08:49	7847.20332	6827.0165	355.34535	147.800968	9.35122134	0.250691283	270.558564
03/18/2009 08:50	7847.15099	6774.74965	352.623135	144.64406	9.26516413	0.243487602	269.501708
03/18/2009 08:51	7847.15284	6463.83756	336.44079	146.415847	9.05670635	0.241946253	272.304221
03/18/2009 08:52	7847.14832	6488.64031	337.73163	145.997042	9.31246898	0.246852514	272.402082
03/18/2009 08:53	7847.15819	6498.9837	338.27295	141.881667	9.14723488	0.236389932	269.488856
03/18/2009 08:54	7847.16791	6650.02109	346.60095	141.166605	9.16221551	0.235192605	264.218107
03/18/2009 08:55	7847.13306	6763.42167	352.03497	141.957045	9.14299464	0.236533889	266.598816
03/18/2009 08:56	7847.22826	6821.76385	355.07469	145.659108	9.28592018	0.245798719	266.019883
03/18/2009 08:57	7847.21835	6793.79049	353.61729	149.146923	9.26868974	0.251044272	268.38603
03/18/2009 08:58	7847.20006	6954.11557	361.960905	149.141129	9.38471893	0.253799425	282.701127
	7847.2	6725.8	350.1	144.8	9.2	0.243	268.1

ED_002508A_00000580-00006

Date/Time	BLR1 Fd Value	BLR1 GASFLOW Value	BLR1 GHEATIN Value	BLR1 NOXPPM Value	BLR1 O2 Value	BLR1 PNOX#/MM Value	BLR1 STMLOAD Value
03/18/2009 09:14	7776.04739	7081.97623	354.52492	148.246133	9.23894342	0.246680861	271.96636
03/18/2009 09:15	7776.08055	7038.2759	352.337298	147.287342	9.29595142	0.246449958	270.150228
03/18/2009 09:16	7775.99804	7057.98619	353.32348	146.113665	9.09259052	0.239874117	267.986544
03/18/2009 09:17	7776.03646	7171.84486	359.020308	144.563143	9.24657515	0.240578358	266.013129
03/18/2009 09:18	7776.11529	7252.25692	363.050138	141.397801	9.20839455	0.234587481	269.444066
03/18/2009 09:19	7776.02899	6889.41374	344.883364	141.910576	9.0664305	0.232849691	273.013695
03/18/2009 09:20	7775.97099	7090.44517	354.945424	146.920222	9.2087273	0.244160096	265.555019
03/18/2009 09:21	7776.03465	7181.06234	359.485866	144.286368	9.2215748	0.239848621	268.036733
03/18/2009 09:22	7776.01578	7043.91451	352.617634	142.107666	9.20245218	0.235829262	270.997377
03/18/2009 09:23	7776.03695	6745.62674	337.684736	144.481536	9.21974847	0.239929351	273.740771
03/18/2009 09:24	7775.97691	6897.95335	345.31388	148.117441	9.32885424	0.248638291	268.770593
03/18/2009 09:25	7775.93072	6889.99777	344.9134	145.19653	9.20363532	0.240797008	266.55447
03/18/2009 09:26	7775.98152	6927.79284	346.805668	145.976094	9.18782939	0.241764025	270.058725
03/18/2009 09:27	7775.90698	6871.9403	344.007314	147.583755	9.08905062	0.242564037	266.596264
03/18/2009 09:28	7775.93307	6978.13244	349.323686	149.689852	9.37295785	0.251777191	268.348492
03/18/2009 09:29	7775.93579	6833.72755	342.095022	148.837453	9.25372521	0.248038799	271.505986
03/18/2009 09:30	7775.93656	6753.79379	338.095228	147.876531	9.28123944	0.246789341	270.652062
03/18/2009 09:31	7775.82842	6753.09405	338.060186	146.720373	9.18708006	0.243058956	268.937346
03/18/2009 09:32	7775.84732	6962.02033	348.51772	145.473938	9.34874402	0.244554141	265.285539
03/18/2009 09:33	7775.83827	7121.0975	356.482266	142.883287	9.35304805	0.239946499	262.703137
03/18/2009 09:34	7775.83585	7189.0979	359.886346	144.267481	9.29257942	0.241068063	267.233993
	7776.0	6987.2	349.8	145.7	9.2	0.242	268.8

ED_002508A_00000580-00007

Date/Time	BLR1 Fd Value	BLR1 GASFLOW Value	BLR1 GHEATIN Value	BLR1 NOXPPM Value	BLR1 O2 Value	BLR1 PNOX#/MM Value	BLR1 STMLOAD Value
03/18/2009 09:49	7775.98316	7181.07537	359.485866	143.881867	9.42415112	0.243067063	271.971609
03/18/2009 09:50	7776.01021	7171.98631	359.03032	143.067124	9.37513492	0.2411546	270.636656
03/18/2009 09:51	7728.17495	7428.8576	380.731125	141.079891	9.07199904	0.230075386	272.185713
03/18/2009 09:52	7723.2825	7725.036	396.9105	140.206728	9.20886422	0.231368478	264.757943
03/18/2009 09:53	7723.29276	7837.94257	402.711302	137.455094	9.22002267	0.226901266	265.383892
03/18/2009 09:54	7723.36363	8024.50349	412.29881	139.726236	9.2638205	0.231617819	265.769304
03/18/2009 09:55	7723.36701	7920.26258	406.945014	140.891605	9.11820953	0.230433477	266.743799
03/18/2009 09:56	7723.28396	8149.22025	418.705896	143.085477	9.40479377	0.239624457	264.053458
03/18/2009 09:57	7723.28028	8230.38527	422.877952	142.216241	9.39426856	0.238099855	263.576264
03/18/2009 09:58	7723.32444	8464.46812	434.90601	142.374362	9.64863537	0.243966331	263.894086
03/18/2009 09:59	7723.29105	8374.14784	430.261258	141.412856	9.41984897	0.237429249	265.804059
03/18/2009 10:00	7723.31666	8236.6231	423.196508	143.277764	9.62585655	0.245041077	270.983913
03/18/2009 10:01	7723.284	8115.96311	417.00008	145.085004	9.54563127	0.246277962	272.758421
03/18/2009 10:02	7723.30319	7891.59105	405.470408	146.180772	9.42851744	0.245238718	272.964771
03/18/2009 10:03	7723.27854	7903.4013	406.076692	142.919097	9.41980242	0.239889499	270.414698
03/18/2009 10:04	7723.27157	7975.13123	409.760638	142.614325	9.34757564	0.238062101	268.83263
03/18/2009 10:05	7723.29218	8019.57992	412.047048	144.361535	9.3269566	0.240416369	268.566976
03/18/2009 10:06	7723.26477	8122.02525	417.30836	145.507193	9.53045592	0.24663278	266.72041
03/18/2009 10:07	7723.25581	8045.00151	413.3521	143.184121	9.4255756	0.240416174	270.625427
03/18/2009 10:08	7723.32313	7862.6025	405.007988	144.967756	9.36293304	0.242256934	270.031673
03/18/2009 10:09	7723.24064	8249.91012	423.879862	145.855045	9.65627255	0.250040908	263.55217
	7728.5	7950.0	407.5	142.8	9.4	0.239	268.1

ED_002508A_00000580-00008

Date/Time	BLR1 Fd Value	BLR1 GASFLOW Value	BLR1 GHEATIN Value	BLR1 NOXPPM Value	BLR1 O2 Value	BLR1 PNOX#/MM Value	BLR1 STMLOAD Value
03/18/2009 10:21	7723.19121	8117.43319	417.072012	144.396805	9.30802033	0.240216654	273.912538
03/18/2009 10:22	7723.19715	8212.592	421.963388	147.437697	9.52318149	0.250115495	272.936035
03/18/2009 10:23	7723.26162	8217.06597	422.194598	144.009063	9.35416118	0.240327521	269.093143
03/18/2009 10:24	7723.22062	8115.15979	416.958976	143.566641	9.37110057	0.239926981	271.854062
03/18/2009 10:25	7723.26261	8231.92688	422.955022	144.161232	9.33647069	0.24059383	266.330568
03/18/2009 10:26	7723.23248	8426.74268	432.963846	143.440482	9.55687048	0.24364014	265.710737
03/18/2009 10:27	7723.24685	8340.52569	428.53469	144.554956	9.41702757	0.242877012	268.403121
03/18/2009 10:28	7723.25193	8264.03479	424.60432	146.745519	9.48746071	0.247911709	269.91669
03/18/2009 10:29	7723.26288	8138.18913	418.140716	147.832184	9.4042005	0.247943458	272.310604
03/18/2009 10:30	7723.25053	8125.48864	417.48819	147.497048	9.5608735	0.250824768	268.851724
03/18/2009 10:31	7729.67064	7961.36919	401.095332	144.995516	9.46305973	0.244551433	270.828426
03/18/2009 10:32	7748.94607	7395.24919	350.384576	144.230383	9.40979676	0.242833381	272.565045
03/18/2009 10:33	7748.94862	7288.60527	345.333868	143.651033	9.27393227	0.239110627	271.188678
03/18/2009 10:34	7748.91123	7330.16402	347.304876	145.28977	9.37767389	0.244169997	269.779835
03/18/2009 10:35	7748.90119	7565.62374	358.458128	143.656831	9.51249482	0.244230334	264.935942
03/18/2009 10:36	7748.9273	7481.40998	354.468732	141.364739	9.3717251	0.237050683	268.615723
03/18/2009 10:37	7748.89778	7445.61761	352.772528	145.36226	9.4529258	0.246727114	267.627775
03/18/2009 10:38	7748.91659	7797.66326	369.455026	144.85975	9.65160536	0.249151529	264.189069
03/18/2009 10:39	7749.02052	7811.25032	370.099394	142.098326	9.52948806	0.241532069	266.277211
03/18/2009 10:40	7748.90404	7604.23119	360.286998	144.307043	9.64222483	0.248003462	269.51842
03/18/2009 10:41	7748.92522	7525.76335	356.572404	146.576409	9.61809225	0.251263029	269.799831
	7735.8	7876.0	390.0	144.8	9.5	0.244	269.3

ED_002508A_00000580-00009

Date/Time	BLR1 Fd Value	BLR1 GASFLOW Value	BLR1 GHEATIN Value	BLR1 NOXPPM Value	BLR1 O2 Value	BLR1 PNOX#/MM Value	BLR1 STMLOAD Value
03/18/2009 10:53	7748.81677	7313.73675	346.523106	147.106951	9.70187995	0.253933151	268.521621
03/18/2009 10:54	7748.79036	7256.5792	343.817708	144.832694	9.62044121	0.248484616	272.723744
03/18/2009 10:55	7748.82526	7064.59305	334.720748	145.567186	9.45102158	0.246139352	271.505959
03/18/2009 10:56	7748.8404	7128.29065	337.738854	145.38634	9.53412259	0.247360867	271.957822
03/18/2009 10:57	7748.81558	7069.35697	334.948172	141.669496	9.36152683	0.237398455	268.570284
03/18/2009 10:58	7748.80284	7180.4837	340.21209	143.153325	9.46569395	0.241744246	269.200355
03/18/2009 10:59	7748.87987	7004.02845	331.84952	144.081003	9.31129692	0.240381768	271.179735
03/18/2009 11:00	7748.87288	7115.09187	337.113438	147.497007	9.53671545	0.25123428	268.254048
03/18/2009 11:01	7748.88628	7136.49391	338.12737	142.284609	9.50347126	0.241391316	266.172154
03/18/2009 11:02	7748.85868	7376.42927	349.493832	142.488142	9.61781563	0.244261223	265.636635
03/18/2009 11:03	7748.90344	7323.75901	347.001644	141.723778	9.47424857	0.240005108	265.814204
03/18/2009 11:04	7748.89883	7346.37817	348.072432	145.073805	9.61588603	0.248746578	268.337514
03/18/2009 11:05	7748.89281	7206.58416	341.448708	146.194484	9.60075286	0.250288109	269.937591
03/18/2009 11:06	7748.89118	7410.59564	351.114228	144.130188	9.76698919	0.250078437	267.861193
03/18/2009 11:07	7748.89692	7090.08087	335.928938	140.432347	9.47179726	0.237785256	272.839087
03/18/2009 11:08	7748.89291	7127.55039	337.705688	146.239053	9.58585893	0.250090309	266.98426
03/18/2009 11:09	7748.89035	7420.50312	351.58329	143.300721	9.65468864	0.246463793	268.925832
03/18/2009 11:10	7748.91596	7407.62061	350.972088	138.941167	9.46513163	0.235091033	266.170164
03/18/2009 11:11	7748.91502	7210.76488	341.647704	141.847432	9.39216746	0.238403704	268.490187
03/18/2009 11:12	7758.13587	7513.53767	365.90745	146.828114	9.71435144	0.254476966	266.796394
03/18/2009 11:13	7764.74774	7236.23189	359.132606	143.927786	9.47606734	0.24403235	269.688183
	7750.1	7235.2	344.1	143.9	9.5	0.245	268.7

ED_002508A_00000580-00010

Date/Time	BLR1 Fd Value	BLR1 GASFLOW Value	BLR1 GHEATIN Value	BLR1 NOXPPM Value	BLR1 O2 Value	BLR1 PNOX#/MM Value	BLR1 STMLOAD Value
03/18/2009 11:23	7764.72525	7095.24977	352.205728	145.179112	9.52242946	0.247212919	265.503362
03/18/2009 11:24	7764.72215	6940.18541	344.442126	145.643686	9.61788298	0.250119893	278.110043
03/18/2009 11:25	7764.68936	6546.39422	324.897832	144.485227	9.068199	0.236612724	270.777182
03/18/2009 11:26	7764.69271	6832.77967	339.111864	136.559542	9.54633881	0.233167601	268.131736
03/18/2009 11:27	7764.68955	7078.76181	351.391632	137.111959	9.30297446	0.229414763	264.169456
03/18/2009 11:28	7764.69888	7177.96415	356.31592	143.896783	9.09982292	0.236441649	264.769116
03/18/2009 11:29	7764.80879	7188.10821	356.817284	148.552214	9.34400636	0.24912617	265.477994
03/18/2009 11:30	7764.61698	7319.14199	363.320124	147.428253	9.58112471	0.252527226	267.51529
03/18/2009 11:31	7764.65839	7085.98689	351.74904	148.596369	9.37815159	0.250091396	269.669207
03/18/2009 11:32	7764.60935	7058.77274	350.398832	148.617371	9.57366817	0.254197891	270.062218
03/18/2009 11:33	7764.55881	7087.54225	351.8236	147.717243	9.61646162	0.253898572	268.696022
03/18/2009 11:34	7764.55672	7161.94995	355.516716	144.889843	9.62745863	0.248898641	267.367299
03/18/2009 11:35	7764.53315	7291.8275	361.964952	141.06826	9.68151308	0.243997335	263.820342
03/18/2009 11:36	7764.58196	7338.26465	364.273212	140.994199	9.60872709	0.241967603	268.467241
03/18/2009 11:37	7764.56032	7332.62338	363.990264	141.892112	9.5633345	0.242698141	268.556243
03/18/2009 11:38	7764.56343	7077.15816	351.312208	142.722498	9.39149832	0.240138483	269.436392
03/18/2009 11:39	7764.56798	7282.0396	361.47848	144.721701	9.72092097	0.2511601	267.782001
03/18/2009 11:40	7764.57251	7184.04808	356.61376	141.704531	9.49028421	0.240942625	271.491949
03/18/2009 11:41	7764.62345	6894.82103	342.257872	143.627943	9.40435611	0.242065647	274.581347
03/18/2009 11:42	7764.56931	6902.1538	342.625208	143.186253	9.38107947	0.240905941	269.538339
03/18/2009 11:43	7764.62044	7140.7458	354.464348	141.931175	9.44685154	0.240193609	266.420677
	7764.6	7096.0	352.2	143.8	9.5	0.244	268.6

ED_002508A_00000580-00011

Date/Time	BLR1 Fd Value	BLR1 GASFLOW Value	BLR1 GHEATIN Value	BLR1 NOXPPM Value	BLR1 O2 Value	BLR1 PNOX#/MM Value	BLR1 STMLOAD Value
03/18/2009 11:54	7989.86813	6152.11164	337.012038	148.623383	9.49724646	0.260010766	270.703338
03/18/2009 11:55	7989.83933	6416.59895	351.501348	148.425588	9.68298317	0.263883923	263.443139
03/18/2009 11:56	7989.86434	6481.81748	355.073004	143.566828	9.6809109	0.255146923	267.446987
03/18/2009 11:57	7989.87436	6236.83343	341.651904	145.940682	9.49542837	0.256234665	271.231611
03/18/2009 11:58	7989.83813	6291.22183	344.631936	148.373956	9.63371239	0.262603048	270.957548
03/18/2009 11:59	7989.8768	6231.13054	341.339658	143.217029	9.39366072	0.248257421	268.595949
03/18/2009 12:00	7989.93363	6188.42909	339.000552	142.390118	9.46540538	0.248132336	271.672754
03/18/2009 12:01	7989.95488	6084.3967	333.303432	143.458986	9.39422613	0.248683764	271.956367
03/18/2009 12:02	7989.93211	6107.74686	334.579806	143.661985	9.48683047	0.250978066	271.187732
03/18/2009 12:03	7989.9386	5918.01963	324.18804	141.542613	9.18157856	0.24065869	269.694362
03/18/2009 12:04	7989.94562	6110.63139	334.738668	146.039081	9.54029022	0.25640643	268.988274
03/18/2009 12:05	7989.9618	5982.08607	327.699438	144.878971	9.45711452	0.252449781	269.314345
03/18/2009 12:06	7989.97411	5974.55602	327.288588	146.716376	9.54284283	0.257621625	270.711594
03/18/2009 12:07	7989.86442	5970.37934	327.058512	146.46293	9.35929476	0.252927951	266.189347
03/18/2009 12:08	7989.9692	6184.12542	338.764998	147.03396	9.78488186	0.26387559	266.883613
03/18/2009 12:09	7989.97026	6300.58469	345.146868	145.828681	9.54922908	0.25665066	263.552446
03/18/2009 12:10	7989.90011	6374.55962	349.200588	147.572016	9.73684793	0.263649672	263.118005
03/18/2009 12:11	7989.93908	6362.31776	348.526794	148.391243	9.73963944	0.261438652	270.140696
03/18/2009 12:12	7989.95351	6235.12413	341.558778	147.91566	9.57896508	0.260977715	269.466777
03/18/2009 12:13	7989.86433	6087.39606	332.372172	149.177853	9.57288139	0.262529369	272.616922
03/18/2009 12:14	7989.88474	6287.04409	344.40186	149.389153	9.63273478	0.264595924	265.922992
	7989.9	6188.4	339.0	146.0	9.5	0.257	268.8

Run8

ED_002508A_00000580-00012

Date/Time	BLR1 Fd Value	BLR1 GASFLOW Value	BLR1 GHEATIN Value	BLR1 NOXPPM Value	BLR1 O2 Value	BLR1 PNOX#/MM Value	BLR1 STMLOAD Value
03/18/2009 12:27	7989.87895	5883.52129	322.29813	148.930198	9.41896657	0.258205646	270.510749
03/18/2009 12:28	7989.89946	5879.30136	322.068054	147.698788	9.55478501	0.259497396	272.773361
03/18/2009 12:29	7989.86634	5872.41762	321.690072	146.475703	9.48862825	0.256115131	269.257022
03/18/2009 12:30	7989.86915	5852.28148	320.588994	145.420214	9.47718427	0.253843761	270.655832
03/18/2009 12:31	7989.87215	5664.17165	310.284876	146.309615	9.45942518	0.254937532	273.518873
03/18/2009 12:32	7989.87792	5588.3519	306.132552	149.783356	9.33330231	0.258551299	270.935083
03/18/2009 12:33	7942.81262	5947.34019	321.808403	151.033464	9.53487261	0.263460906	265.808254
03/18/2009 12:34	7813.49256	6460.17053	337.610052	147.413833	9.44892489	0.250697893	271.110893
03/18/2009 12:35	7813.47865	6161.69795	322.010442	150.185542	9.28650259	0.25233754	272.166739
03/18/2009 12:36	7813.48293	6291.61207	328.799016	155.007271	9.62693756	0.268034309	267.804694
03/18/2009 12:37	7813.49386	6249.81283	326.614548	151.157788	9.44970449	0.257328025	269.53598
03/18/2009 12:38	7813.47013	6361.1688	332.436312	152.987814	9.704916	0.266486226	268.961957
03/18/2009 12:39	7813.43258	6349.11352	331.740475	149.891024	9.39436016	0.254072463	264.175207
03/18/2009 12:40	7813.42963	6561.0693	342.817475	149.312104	9.7863888	0.26209518	264.377461
03/18/2009 12:41	7813.45302	6933.95832	362.37084	147.682711	9.73668508	0.258391585	260.84938
03/18/2009 12:42	7813.46179	6789.484	354.81927	144.955929	9.65108773	0.261374922	269.120163
03/18/2009 12:43	7813.4526	6772.721	353.873575	150.099162	9.62853859	0.259899223	263.441309
03/18/2009 12:44	7813.459	6938.97497	362.56275	148.982227	9.90833849	0.264144353	268.292591
03/18/2009 12:45	7813.49112	6656.53328	347.802125	145.56639	9.62558948	0.251866211	272.617492
03/18/2009 12:46	7813.4921	6561.51695	342.90399	147.65604	9.53185684	0.253083391	268.649884
03/18/2009 12:47	7813.47084	6912.67165	361.188575	145.269547	9.64999727	0.251712595	263.455994
	7870.0	6318.5	334.9	148.7	9.6	0.257	268.5

ED_002508A_00000580-00013

U.S. Steel Corporation - Mon Valley Complex - Clairton Plant
Boilerhouse NO_x RATA March 19, 2009
Boiler No. 2

Run #	USS Start Time	USS Stop Time	Chester Start Time	Chester Stop Time	BLR2 Fd Value	BLR2 GASFLOW Value	BLR2 GHEATIN Value	BLR2 NOXPPM Value	BLR2 O2 Value	BLR2 PNOX#/MM Value	BLR2 STMLOAD Value
1	8:00	8:20	9:02	9:22	7731.6	6713.5	358.9	147.3	9.1	0.242	211.0
2	8:32	8:52	9:34	9:54	7790.2	6253.3	304.3	148.7	9.2	0.248	214.8
3	9:05	9:25	10:07	10:27	7808.7	5597.2	266.1	147.8	9.2	0.245	206.3
4	9:38	9:58	10:40	11:00	7809.1	5715.1	276.5	145.7	9.3	0.245	205.0
5	10:13	10:33	11:15	11:35	7824.6	6268.8	323.3	156.8	9.3	0.263	214.6
6	10:46	11:06	11:48	12:08	7771.9	6468.4	330.1	157.0	9.2	0.259	209.9
7	11:18	11:38	12:20	12:40	7768.5	5881.8	290.8	151.4	9.2	0.251	201.4
8	11:51	12:11	12:53	13:13	7759.3	5248.2	256.7	145.6	9.2	0.241	194.2
9	12:23	12:43	13:25	13:45	7750.1	5826.6	284.7	154.8	9.2	0.257	203.7

ED_002508A_00000580-00014

Date/Time	BLR2 Fd Value	BLR2 GASFLOW Value	BLR2 GHEATIN Value	BLR2 NOXPPM Value	BLR2 O2 Value	BLR2 PNOX#/MM Value	BLR2 STMLOAD Value
03/19/2009 08:00	7731.57055	6431.79153	343.844028	147.847038	9.21616771	0.244156031	207.126439
03/19/2009 08:01	7731.52147	6579.76857	351.756108	147.849632	9.09489127	0.241767577	200.970536
03/19/2009 08:02	7731.57308	6508.32415	347.933718	148.184266	9.26981459	0.246085489	202.702416
03/19/2009 08:03	7731.60981	6346.46509	339.28389	148.386642	9.01034713	0.240722345	210.261897
03/19/2009 08:04	7731.62471	6316.48531	337.68009	145.895204	8.73878327	0.231393446	208.541815
03/19/2009 08:05	7731.63871	6303.32546	336.974418	144.225832	9.15241982	0.237123466	207.752351
03/19/2009 08:06	7731.63345	6290.31609	336.279438	147.417201	9.04198704	0.239779076	208.100627
03/19/2009 08:07	7731.69722	6234.10598	333.274986	146.90054	9.1224237	0.240624758	210.752634
03/19/2009 08:08	7731.70454	6259.16624	334.616832	147.941012	9.08952595	0.241624498	209.89685
03/19/2009 08:09	7731.70386	6388.77886	341.545248	146.784132	9.14034411	0.240915713	206.495062
03/19/2009 08:10	7731.68664	6711.62656	358.802136	148.699142	9.55124591	0.253177356	204.075325
03/19/2009 08:11	7731.67034	6847.01799	366.04062	146.51472	9.5692905	0.24961761	205.235122
03/19/2009 08:12	7731.67838	7078.69175	378.427302	146.615775	9.74976846	0.253522338	212.503872
03/19/2009 08:13	7731.61002	7004.64746	374.465916	147.937852	8.96443383	0.23907707	211.564045
03/19/2009 08:14	7731.63871	7335.37482	392.150484	147.030064	9.43803422	0.24781715	209.070034
03/19/2009 08:15	7731.58136	7348.6306	392.868848	148.251857	9.30227844	0.246636747	218.596116
03/19/2009 08:16	7731.55106	7099.34356	379.528578	149.450776	8.90436069	0.240387138	223.807189
03/19/2009 08:17	7731.45883	7217.76309	385.863588	146.748332	8.7797814	0.233709623	212.879118
03/19/2009 08:18	7731.46181	7105.78994	379.876068	146.182065	9.24967277	0.242188285	220.192299
03/19/2009 08:19	7731.44349	6960.63616	372.113676	146.993839	9.00744524	0.23858937	220.078583
03/19/2009 08:20	7731.49925	6614.6601	353.621862	147.050113	8.71509874	0.232790024	221.520435
	7731.6	6713.5	358.9	147.3	9.1	0.242	211.0

ED_002508A_00000580-00015

Date/Time	BLR2 Fd Value	BLR2 GASFLOW Value	BLR2 GHEATIN Value	BLR2 NOXPPM Value	BLR2 O2 Value	BLR2 PNOX#/MM Value	BLR2 STMLOAD Value
03/19/2009 08:32	7731.50319	6653.75253	355.712148	148.258199	9.17870202	0.244075824	213.185227
03/19/2009 08:33	7731.50295	6440.79547	344.325168	150.203138	8.93522831	0.24226068	212.843818
03/19/2009 08:34	7731.51762	6461.52923	345.43179	149.60173	9.09640246	0.244734492	209.659007
03/19/2009 08:35	7731.57172	6535.62787	349.393176	148.644816	9.29627139	0.24716629	205.675597
03/19/2009 08:36	7731.53846	6733.636	359.978256	150.212345	9.61362966	0.254687624	204.171585
03/19/2009 08:37	7804.80876	5822.28357	275.744128	147.200024	9.40318045	0.249266812	203.101485
03/19/2009 08:38	7808.69964	5977.94434	281.200416	146.388887	9.64537609	0.253574623	206.254159
03/19/2009 08:39	7808.67784	5943.74185	279.591648	145.614535	9.15858402	0.241585635	203.393557
03/19/2009 08:40	7808.72373	6196.76189	291.497472	146.870854	9.64802049	0.25462687	209.079348
03/19/2009 08:41	7808.72384	6053.31762	284.747232	148.82204	9.10441355	0.245831951	214.122313
03/19/2009 08:42	7808.72505	5997.74048	282.131808	149.173336	8.93432614	0.24277516	217.309378
03/19/2009 08:43	7808.72621	6128.93607	288.303456	146.703379	8.91967693	0.238721959	211.626848
03/19/2009 08:44	7808.88648	6137.63606	288.712704	146.348921	9.32975019	0.246316315	218.306309
03/19/2009 08:45	7808.88991	6132.30976	288.463392	148.413652	9.05392403	0.24446312	217.693333
03/19/2009 08:46	7808.83915	6085.39152	286.257216	150.375133	9.07563835	0.247780881	221.781973
03/19/2009 08:47	7808.79884	6113.43525	287.574336	149.657868	8.94540585	0.243907158	219.160271
03/19/2009 08:48	7808.87687	6291.02985	295.92864	146.937471	9.42509947	0.249678814	219.610335
03/19/2009 08:49	7808.89891	6324.10245	297.485664	148.87727	9.22067719	0.248464419	221.48545
03/19/2009 08:50	7808.87451	6426.73266	302.311968	151.971766	9.29738474	0.255391959	225.220605
03/19/2009 08:51	7808.85454	6513.53804	306.39504	152.474861	9.31926206	0.256717468	228.064671
03/19/2009 08:52	7808.82339	6349.99195	298.704	150.863907	9.11850295	0.249450376	230.409241
	7790.2	6253.3	304.3	148.7	9.2	0.248	214.8

ED_002508A_00000580-00016

Date/Time	BLR2 Fd Value	BLR2 GASFLOW Value	BLR2 GHEATIN Value	BLR2 NOXPPM Value	BLR2 O2 Value	BLR2 PNOX#/MM Value	BLR2 STMLOAD Value
03/19/2009 09:05	7808.67517	5453.49616	256.53284	136.994794	9.20129599	0.228151744	195.092271
03/19/2009 09:06	7808.68642	5590.74124	262.986528	137.185672	8.84601781	0.221814943	184.26848
03/19/2009 09:07	7808.67128	5674.2133	266.914368	137.888537	9.42986463	0.234135986	193.086019
03/19/2009 09:08	7808.70112	5682.48013	267.3048	144.619277	9.04961845	0.23792917	200.298467
03/19/2009 09:09	7808.68857	5478.6545	257.718048	141.989074	8.68125251	0.226208203	212.258764
03/19/2009 09:10	7808.71215	5527.21826	259.999488	142.300586	8.51417481	0.223982096	209.356958
03/19/2009 09:11	7808.69308	5394.16588	253.743168	145.320384	8.98396289	0.237769794	217.766145
03/19/2009 09:12	7808.76817	5365.21007	252.379008	152.430335	9.0896484	0.251694077	218.38326
03/19/2009 09:13	7808.74127	5202.72676	244.735008	154.668973	8.98316659	0.252919477	217.648491
03/19/2009 09:14	7808.74611	5250.8912	247.002336	154.01764	9.05598743	0.253554852	209.558171
03/19/2009 09:15	7808.76587	5379.33431	253.042272	153.075588	9.47722493	0.261080416	206.996633
03/19/2009 09:16	7808.75883	5394.67667	253.766688	152.570287	9.356578	0.257582637	200.334384
03/19/2009 09:17	7808.74496	5531.66767	262.147263	152.563917	9.31626992	0.256757028	204.03481
03/19/2009 09:18	7808.66305	5821.7179	280.955242	153.663622	9.55185686	0.263588108	203.142257
03/19/2009 09:19	7808.67566	5891.77676	284.338268	150.884683	9.3678082	0.254878446	204.654085
03/19/2009 09:20	7808.64141	5890.16423	284.261052	150.771385	9.40182933	0.255464172	205.602543
03/19/2009 09:21	7808.68429	5892.31229	284.362398	151.459924	9.26095658	0.25362961	208.762797
03/19/2009 09:22	7808.72952	5800.49025	279.93213	149.447481	9.13094349	0.247262999	210.986646
03/19/2009 09:23	7808.70465	5792.61295	279.550676	147.625309	8.98032959	0.241438206	208.185362
03/19/2009 09:24	7808.72795	5755.30828	277.750778	146.750774	9.31820729	0.246761714	209.338232
03/19/2009 09:25	7808.77794	5771.23882	278.518112	147.987206	9.25507946	0.247679507	206.588003
	7808.7	5597.2	266.1	147.8	9.2	0.245	206.3

ED_002508A_00000580-00017

Date/Time	BLR2 Fd Value	BLR2 GASFLOW Value	BLR2 GHEATIN Value	BLR2 NOXPPM Value	BLR2 O2 Value	BLR2 PNOX#/MM Value	BLR2 STMLOAD Value
03/19/2009 09:38	7808.6954	5361.33312	258.736338	148.597892	9.14696967	0.246392703	203.476888
03/19/2009 09:39	7808.69091	5337.62776	257.592576	146.073754	9.33182336	0.24633402	198.132666
03/19/2009 09:40	7808.59945	5244.35771	253.094744	142.971996	9.20570389	0.238324083	199.60088
03/19/2009 09:41	7808.62181	5300.69935	255.811782	141.786134	9.136697	0.234892015	193.00716
03/19/2009 09:42	7808.58864	5396.33835	260.425438	140.245421	9.38641421	0.237181667	191.663503
03/19/2009 09:43	7808.58674	5506.71558	265.753342	143.007938	9.5639382	0.245969799	193.086986
03/19/2009 09:44	7808.59127	5542.40988	267.476224	145.318229	9.42614514	0.246792776	197.736382
03/19/2009 09:45	7808.66379	5446.13005	262.883247	146.132984	9.25477957	0.244367201	201.423718
03/19/2009 09:46	7808.64878	5580.97576	269.39487	145.814419	9.21381231	0.243234375	194.949265
03/19/2009 09:47	7808.63584	5718.41865	276.027168	142.170818	9.536301	0.243878666	198.5682
03/19/2009 09:48	7808.65534	5672.26441	273.801921	142.051799	9.27132249	0.238148885	205.099031
03/19/2009 09:49	7808.68776	5575.32743	269.119731	143.110196	9.0726252	0.235725172	209.601248
03/19/2009 09:50	7808.7305	5767.08628	278.377917	143.655311	9.10995108	0.237727585	203.954227
03/19/2009 09:51	7808.66281	5901.71947	284.875059	144.250803	9.41328726	0.244737291	203.484525
03/19/2009 09:52	7808.70158	6091.75827	294.051186	143.935974	9.61870081	0.248581186	210.468972
03/19/2009 09:53	7808.69007	5958.92495	287.636103	146.442643	9.12924858	0.242299348	217.859111
03/19/2009 09:54	7808.71086	5951.07595	287.259597	148.027457	9.03985116	0.243061782	219.573183
03/19/2009 09:55	7808.73296	6015.60849	290.373012	149.256096	9.22357434	0.249259024	215.363128
03/19/2009 09:56	7808.73424	6034.04984	291.26118	152.800465	9.23462702	0.255387874	217.396514
03/19/2009 09:57	7808.71721	6161.2711	297.405951	152.611186	9.20751559	0.254210066	214.929813
03/19/2009 09:58	7818.41213	6453.00212	324.65043	151.276396	9.54031791	0.259670277	220.190121
	7809.1	5715.1	276.5	145.7	9.3	0.245	205.0

ED_002508A_00000580-00018

Date/Time	BLR2 Fd Value	BLR2 GASFLOW Value	BLR2 GHEATIN Value	BLR2 NOXPPM Value	BLR2 O2 Value	BLR2 PNOX#/MM Value	BLR2 STMLOAD Value
03/19/2009 10:13	7824.68582	6298.63147	324.818602	161.693113	9.26025132	0.271111066	217.837929
03/19/2009 10:14	7824.69765	6170.6829	318.222999	164.481453	9.11427788	0.272464816	214.730257
03/19/2009 10:15	7824.67177	6223.45323	320.945895	158.602772	9.28796186	0.266458162	214.052008
03/19/2009 10:16	7824.66937	6036.52438	311.302305	155.762168	9.04602776	0.256398918	213.85094
03/19/2009 10:17	7824.67015	6046.40119	311.812848	156.966388	9.31419152	0.264326602	211.157177
03/19/2009 10:18	7824.61238	6207.07691	320.100147	157.651023	9.49743371	0.270079581	202.930423
03/19/2009 10:19	7824.53149	6163.31417	317.841381	151.923548	9.55097403	0.261488565	211.792353
03/19/2009 10:20	7824.526	6049.35941	311.967558	154.827871	9.0399401	0.254973862	214.128288
03/19/2009 10:21	7824.51852	6090.83468	314.102556	152.060509	9.16471849	0.253361513	208.018357
03/19/2009 10:22	7824.51417	6290.23582	324.385614	152.976614	9.4516609	0.260889556	205.877312
03/19/2009 10:23	7824.48005	6259.63979	322.807572	150.017738	9.3687563	0.254077396	214.477666
03/19/2009 10:24	7824.49065	6199.20596	319.692744	153.643337	9.09101239	0.254161706	217.501959
03/19/2009 10:25	7824.53292	6162.19172	317.784654	155.334986	8.89592131	0.252753312	216.243073
03/19/2009 10:26	7824.55732	6284.38194	324.086508	154.978197	9.33370211	0.261951815	214.780028
03/19/2009 10:27	7824.52406	6218.77766	320.703516	156.531127	9.23683294	0.261884897	220.934382
03/19/2009 10:28	7824.50893	6242.27358	321.915411	158.862031	9.13444864	0.263887337	219.401405
03/19/2009 10:29	7824.52825	6210.70802	320.285799	159.261493	9.07047106	0.262783448	219.325705
03/19/2009 10:30	7824.53353	6402.65527	330.187239	160.292179	9.46784248	0.274179501	215.51375
03/19/2009 10:31	7824.53587	6608.21098	340.850956	158.740624	9.43159655	0.270368392	209.024195
03/19/2009 10:32	7824.50267	6804.83608	350.991584	157.116367	9.77380166	0.276044358	220.091274
03/19/2009 10:33	7824.53951	6675.33607	344.311974	160.250039	8.99619488	0.262844476	224.809706
	7824.6	6268.8	323.3	156.8	9.3	0.263	214.6

ED_002508A_00000580-00019

Date/Time	BLR2 Fd Value	BLR2 GASFLOW Value	BLR2 GHEATIN Value	BLR2 NOXPPM Value	BLR2 O2 Value	BLR2 PNOX#/MM Value	BLR2 STMLOAD Value
03/19/2009 10:46	7771.9247	6903.06049	352.334224	158.373261	9.58241329	0.2715375	214.104743
03/19/2009 10:47	7771.92666	6755.62123	344.738268	159.260155	9.11718722	0.261968507	218.085875
03/19/2009 10:48	7771.9323	6796.99947	346.91888	157.902176	9.03416765	0.25821106	213.095044
03/19/2009 10:49	7771.95145	6710.43682	342.431712	157.758759	9.18244707	0.260870067	215.163205
03/19/2009 10:50	7772.0168	6816.16013	347.898848	158.580757	9.2978777	0.26539787	217.220078
03/19/2009 10:51	7771.98449	6727.711	343.314531	157.009291	9.04162739	0.25686186	220.563745
03/19/2009 10:52	7772.00993	6615.38805	332.480862	161.208402	8.84703836	0.259544283	222.973742
03/19/2009 10:53	7772.00659	6839.20365	349.004376	160.438909	9.12712819	0.264533831	210.241592
03/19/2009 10:54	7772.01711	7010.9212	357.766227	160.555017	9.70227055	0.278177437	214.942244
03/19/2009 10:55	7772.04387	6880.78036	351.127224	162.673485	9.24988783	0.270703012	222.237138
03/19/2009 10:56	7772.01776	6707.37354	342.278622	165.21973	8.94544121	0.268102234	219.676738
03/19/2009 10:57	7772.02909	6718.61515	342.850158	162.488417	9.24326977	0.270570063	215.218702
03/19/2009 10:58	7771.99831	6738.32298	343.855449	164.072132	9.1786484	0.271573054	209.130049
03/19/2009 10:59	7771.91289	6562.1391	334.863963	160.062517	9.20534794	0.265525158	215.158143
03/19/2009 11:00	7771.8854	6235.58236	318.202698	160.586626	8.88838941	0.259457544	214.232438
03/19/2009 11:01	7771.85848	5963.81316	304.332714	156.322341	8.63183027	0.247225058	204.499198
03/19/2009 11:02	7771.85185	5959.70396	304.123491	148.449994	9.0743675	0.243244229	195.250215
03/19/2009 11:03	7771.87224	5939.95693	303.1182	148.065382	9.4921638	0.251970744	193.245374
03/19/2009 11:04	7771.84723	5696.30319	290.682189	147.259599	9.25282208	0.245168572	194.899887
03/19/2009 11:05	7771.83226	5570.86426	284.283027	147.299291	8.97830277	0.239465809	193.023876
03/19/2009 11:06	7771.88668	5788.24415	295.371846	143.814082	9.12387841	0.237062016	184.472856
	7771.9	6468.4	330.1	157.0	9.2	0.259	209.9

ED_002508A_00000580-00020

Date/Time	BLR2 Fd Value	BLR2 GASFLOW Value	BLR2 GHEATIN Value	BLR2 NOXPPM Value	BLR2 O2 Value	BLR2 PNOX#/MM Value	BLR2 STMLOAD Value
03/19/2009 11:18	7771.82749	6499.33601	331.724272	151.411569	9.15404662	0.250231778	208.944359
03/19/2009 11:19	7770.72629	6357.55855	321.313104	153.825365	9.0606129	0.251942241	205.602299
03/19/2009 11:20	7768.0611	6292.5653	310.22518	153.78962	9.48029398	0.261009199	204.804066
03/19/2009 11:21	7768.05885	6145.51694	302.97315	155.183485	9.3089785	0.259601838	211.141825
03/19/2009 11:22	7768.02287	5942.37479	292.96032	154.850389	8.79662225	0.248094323	211.504758
03/19/2009 11:23	7768.05198	5869.18816	289.292868	151.391478	8.97419808	0.248076448	204.659667
03/19/2009 11:24	7768.061	5760.38882	283.930116	151.549157	9.27948038	0.252778105	205.246983
03/19/2009 11:25	7768.06552	5723.45201	282.111315	150.855804	8.97464755	0.245261046	201.090181
03/19/2009 11:26	7768.11717	5703.57139	281.130444	150.544234	9.0994502	0.247089255	199.093969
03/19/2009 11:27	7768.15717	5667.13186	279.331359	152.368957	9.24254111	0.253473485	200.11368
03/19/2009 11:28	7768.18021	5736.15654	282.737298	150.74112	9.24724698	0.250890242	195.542127
03/19/2009 11:29	7768.16186	5627.42869	277.374546	151.772926	9.20887485	0.251903232	199.364409
03/19/2009 11:30	7768.14384	5823.9453	287.060031	153.182806	9.25371944	0.254802939	195.678713
03/19/2009 11:31	7768.20729	5722.64442	282.066954	149.114144	9.33953107	0.250050908	200.222197
03/19/2009 11:32	7768.20569	5648.56844	278.419494	149.598606	9.1191703	0.246243169	200.292977
03/19/2009 11:33	7768.22025	5737.42954	282.796446	148.653972	9.27335455	0.247910428	196.339804
03/19/2009 11:34	7768.23977	5786.60852	285.221514	151.686147	9.41649198	0.256180133	197.552101
03/19/2009 11:35	7768.24014	5809.98155	286.3749	151.517092	9.27456055	0.252440528	198.021217
03/19/2009 11:36	7768.27149	5792.51541	285.512325	150.466001	9.23137899	0.249992471	199.681439
03/19/2009 11:37	7768.24536	5910.04937	291.3039	147.709388	9.38951612	0.249038019	199.075099
03/19/2009 11:38	7768.19403	5962.16735	293.93646	150.041035	9.24147819	0.248533669	190.287517
	7768.5	5881.8	290.8	151.4	9.2	0.251	201.4

ED_002508A_00000580-00021

Date/Time	BLR2 Fd Value	BLR2 GASFLOW Value	BLR2 GHEATIN Value	BLR2 NOXPPM Value	BLR2 O2 Value	BLR2 PNOX#/MM Value	BLR2 STMLOAD Value
03/19/2009 11:51	7768.21147	5605.59525	276.300024	149.139839	9.46901135	0.2528249	197.442511
03/19/2009 11:52	7768.21313	5811.68135	286.458693	153.645685	9.37373507	0.258497021	199.475733
03/19/2009 11:53	7768.20997	5570.83138	274.584732	151.079951	9.15153633	0.249276554	201.810392
03/19/2009 11:54	7768.19936	5468.92002	269.562081	149.461712	8.82914168	0.239835208	197.143999
03/19/2009 11:55	7768.13699	5559.43732	274.022826	144.685583	9.24211113	0.240606764	193.168784
03/19/2009 11:56	7768.16514	5601.07608	276.078219	146.81699	9.41758222	0.247988909	191.135984
03/19/2009 11:57	7768.14368	5469.90745	269.611371	146.410929	9.28522223	0.244433895	195.786201
03/19/2009 11:58	7768.13778	5330.17192	262.725558	145.340259	8.90780292	0.234831214	193.455166
03/19/2009 11:59	7768.10919	5218.3829	257.214936	143.492762	9.15983678	0.237051579	194.041528
03/19/2009 12:00	7758.21323	5291.25556	258.532918	141.117562	9.06468413	0.23097345	189.517823
03/19/2009 12:01	7752.06684	5137.54229	249.57975	145.726925	9.1649124	0.24026407	196.089965
03/19/2009 12:02	7752.05774	5008.34288	243.303214	144.925	8.92732628	0.234204082	193.208203
03/19/2009 12:03	7752.03367	4958.4461	240.879072	139.228255	8.99205259	0.226308252	194.376111
03/19/2009 12:04	7752.07889	4881.48294	237.14327	140.160889	9.02465846	0.228321141	191.926321
03/19/2009 12:05	7752.11214	4906.53371	238.35777	138.711663	9.19941947	0.229238204	188.156519
03/19/2009 12:06	7751.97988	5086.77515	247.116744	141.847649	9.48618236	0.240839974	189.887517
03/19/2009 12:07	7752.09065	4908.21167	238.440356	149.732769	9.22748132	0.248232084	197.238408
03/19/2009 12:08	7752.10816	4906.42108	238.304332	147.924509	8.8748723	0.237782393	195.740591
03/19/2009 12:09	7752.12004	5005.89937	243.186622	146.739128	9.25576217	0.243832331	196.048598
03/19/2009 12:10	7752.11319	5273.42338	256.181772	145.583756	9.28894587	0.242444193	191.059297
03/19/2009 12:11	7752.14229	5213.10894	253.252398	146.844821	9.48138573	0.248865405	197.794199
	7759.3	5248.2	256.7	145.6	9.2	0.241	194.2

ED_002508A_00000580-00022

Date/Time	BLR2 Fd Value	BLR2 GASFLOW Value	BLR2 GHEATIN Value	BLR2 NOXPPM Value	BLR2 O2 Value	BLR2 PNOX#/MM Value	BLR2 STMLOAD Value
03/19/2009 12:23	7752.10855	5930.90951	288.123122	156.217929	9.47220776	0.264564725	205.716296
03/19/2009 12:24	7752.16272	5804.67249	281.992326	155.35464	9.2041513	0.256789186	208.912817
03/19/2009 12:25	7752.16023	5645.88186	274.277822	156.468941	9.00298307	0.254268065	210.656853
03/19/2009 12:26	7752.18502	5796.46269	281.54539	153.848482	8.9464934	0.248960977	197.090274
03/19/2009 12:27	7752.20488	5980.88596	290.552122	149.549358	9.80311881	0.260871415	201.743988
03/19/2009 12:28	7752.29715	5985.71721	290.785306	154.665244	9.3773928	0.25964257	203.728766
03/19/2009 12:29	7752.23855	5706.80805	277.236344	154.044991	9.10466825	0.252556921	209.836314
03/19/2009 12:30	7752.26787	5940.91947	288.608922	152.066559	9.00190845	0.247290625	199.837187
03/19/2009 12:31	7752.23714	5809.23907	282.210936	155.030079	9.45133108	0.262016847	205.104611
03/19/2009 12:32	7752.29904	5889.37483	286.107052	158.612204	9.27948667	0.264211875	204.492028
03/19/2009 12:33	7752.27246	5675.0524	275.696358	159.236495	9.06073651	0.260124923	207.899408
03/19/2009 12:34	7752.26039	5675.90913	275.735222	156.481529	8.97051971	0.253791506	200.985019
03/19/2009 12:35	7752.24472	5815.54262	282.51699	151.52272	9.4624724	0.256177531	200.133337
03/19/2009 12:36	7752.20685	5897.24109	286.485976	154.465355	9.37781248	0.259165284	195.730309
03/19/2009 12:37	7752.29349	5821.24606	282.793896	151.90583	9.44715827	0.256333872	204.03543
03/19/2009 12:38	7752.29888	5842.91299	283.846082	153.04801	9.22053407	0.253668949	203.614856
03/19/2009 12:39	7752.25083	5791.09399	281.331638	155.585947	9.07577383	0.254557718	202.485301
03/19/2009 12:40	7752.226	5808.30838	282.167214	155.65257	9.35367444	0.26078625	205.612119
03/19/2009 12:41	7738.06112	5861.51829	295.947135	158.179603	9.28720604	0.262941627	206.118814
03/19/2009 12:42	7737.35222	5793.06371	293.072929	156.692577	9.01587306	0.254457921	204.189818
03/19/2009 12:43	7737.28773	5886.55449	297.803094	152.008553	9.13231525	0.249503086	200.089476
	7750.1	5826.6	284.7	154.8	9.2	0.257	203.7

ED_002508A_00000580-00023