

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**FCE Summary Report**

<b>Facility :</b> B. C. Cobb Plant	<b>SRN :</b> B2836
<b>Location :</b> 151 N. Causeway	<b>District :</b> Grand Rapids
	<b>County :</b> MUSKEGON
<b>City :</b> MUSKEGON <b>State:</b> MI <b>Zip Code :</b> 49445	<b>Compliance Status :</b> Compliance
<b>Source Class :</b> MAJOR	<b>Staff :</b> Steve Lachance
<b>FCE Begin Date :</b> 1/7/2015	<b>FCE Completion Date :</b> 1/7/2016
<b>Comments :</b> FCE for FY '016. See CA_B283632858. (SLachance, 1/8/16)	

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
01/07/2016	Scheduled Inspection	Compliance	Scheduled Inspection (FCE) for FY '016. See CA_B283632858. (SLachance, 1/8/16)
10/30/2015	Other	Compliance	Review of 3rd Quarter 2015 Excess Emissions and CEMS Performance Reports
10/30/2015	Excess Emissions (CEM)	Compliance	Quarterly reports (3rd Quarter 2015) for Opacity and SO <sub>2</sub> ; see CA_B283631993. (SLachance, 10/30/15)

Activity Date	Activity Type	Compliance Status	Comments
09/18/2015	Stack Test	Compliance	Particulate Emission Test Report for Units 4 and 5, per MI-ROP-B2836-2011 and approved test protocol. Results indicate 0.0226 pound PM per 1000 pound exhaust gas @ 50% excess air for Unit 4; and 0.0278 pound PM per 1000 pound exhaust gas @ 50% excess air for Unit 5; these results compare to 0.18 pound PM per 1000 pound exhaust gas @ 50% excess air allowed by permit. Reported emissions are about 14% of allowed emissions. Operating data for the test is documented in Attachment 4 of the report and demonstrates operations during the test for each unit of full load (160 MW) and 11-12% opacity. Portions of the test were overseen by DPatterson of AQD-TPU; results as reported in the report are subject to possible further review by AQD-TPU. (SLachance, 9/18/15) REVISED RESULTS per TPU = 0.0187 #PM/1000 lb gas for Unit 4 and 0.0263 for Unit 5. Slightly lower; no conclusions change. (SLachance, 1/7/16)
09/18/2015	ROP Semi 1 Cert	Compliance	Postmarked 9-15-15; review of required ROP Reports for the semi-annual period ending 6/30/15. See CA_B283631258. (SLachance, 9/18/15)
09/18/2015	CAM Excursions/Exceedances	Compliance	Postmarked 9-15-15; review of required ROP Reports for the semi-annual period ending 6/30/15. See CA_B283631258. (SLachance, 9/18/15)
09/18/2015	CAM monitor downtime	Compliance	Postmarked 9-15-15; review of required ROP Reports for the semi-annual period ending 6/30/15. See CA_B283631258. (SLachance, 9/18/15)
09/18/2015	Other	Compliance	Review of required ROP Reports for the semi-annual period ending 6/30/15, including report of certified deviations and CAM monitor/downtime reports. (SLachance, 9/18/15)
07/30/2015	Other	Compliance	Review of 2nd Quarter 2015 Excess Emissions and CEMS Performance Reports

Activity Date	Activity Type	Compliance Status	Comments
07/30/2015	Excess Emissions (CEM)	Compliance	Quarterly Excess Emissions Report and CEMS Performance Reports for Q2 2015. See CA_B283630398. (SLachance, 7/31/15)
07/13/2015	Scheduled Inspection	Compliance	Scheduled Inspection for '015 FCE. See CA_B283630175. (SLachance, 7/14/15)
06/18/2015	CEM RATA	Compliance	2015 RATA for Units 4 and 5 CEMS; each system PASSES required performance criteria; tests completed May 4-6, 2015. Subject to possible further review by AQD-TPU. (SLachance, 6/18/15)
06/08/2015	Excess Emissions (CEM)	Compliance	3rd Quarter 2014 Excess Emissions and CEMS Performance Reports
06/08/2015	Other	Compliance	Review of 3rd Quarter 2014 Excess Emissions and CEMS Performance Reports (SLachance, 6/8/15)
05/14/2015	ROP Annual Cert	Compliance	Postmarked Monday 3-16-15; required certified compliance report for the period ending 12/31/14 was received timely and properly certified. Both reported deviations pertain to previously reported (via required quarterly reports) opacity exceedences/monitoring. These have been evaluated elsewhere; no specific AQD action required based on the content of this report. Note, a separately supplied certified statement indicates that gas-fired Units 1,2 and 3 remain in long-term cold storage and are unavailable for operation. (SLachance, 5/14/15)
05/14/2015	ROP SEMI 2 CERT	Compliance	Postmarked Monday 3-16-15; required certified compliance report for the period ending 12/31/14 was received timely and properly certified. The reported deviation pertains to previously reported (via required quarterly reports) opacity exceedences/monitoring. This has been evaluated elsewhere; no specific AQD action required based on the content of this report. (SLachance, 5/14/15)

Activity Date	Activity Type	Compliance Status	Comments
05/14/2015	CAM Excursions/Exceedances	Compliance	Postmarked Monday 3-16-15; required CAM Excursion report for the period ending 12/31/14 was received timely and properly certified. No reported CAM excursions for this period. None are known based on previous reporting. (SLachance, 5/14/15)
05/14/2015	CAM monitor downtime	Compliance	Postmarked Monday 3-16-15; required CAM Monitor Downtime report for the period ending 12/31/14 was received timely and properly certified. Other than COMS downtime as previously reported/evaluated in quarterly reports for Units 4 and 5, no other system downtime for other CAMS systems (Fly-Ash and Fuel Handling) is noted. (SLachance, 5/14/15)
05/13/2015	Excess Emissions (CEM)	Compliance	Quarterly Excess Emissions Report for Q1 2015; see CA_B283629381 dated 5/13/15. (SLachance, 6/8/15)
05/13/2015	Stack Test	Compliance	Annual Method 9 Test Report for Coal Processing Equipment - Breaker House Dust Collector. SL was on-site for part of this test, and as noted in the report, no visible emissions were noted from the affected control point. (SLachance, 5/13/15)
05/13/2015	Other	Compliance	Review of the Quarterly Excess Emissions Reports for the 1st Quarter of 2015.
04/08/2015	MAERS	Compliance	ROP Certification form received 3-16-15; review notes in Audit Console of e-MAERS. (SLachance, 4/8/15)

Activity Date	Activity Type	Compliance Status	Comments
03/20/2015	Stack Test Observation	Compliance	SL witnessed the first portion of NSPS Subpart Y Visible Emissions evaluation of the Breaker House Collector. VE Reader Brian Glendenning was properly positioned for the readings. No visible emissions were observed. Breaker House Operator confirmed normal operations at the time of the test and coal was being loaded at this time. SL also requested complete Opacity Matrix Reports for 3/19 and 3/20/15 for the main stack from site contact Roger Vargo; this request confirmed with plant contact Joe Firlit; post-site readings indicated 5 - 15% opacity. (SLachance, 3/23/15)
03/18/2015	Excess Emissions (CEM)	Compliance	Quarterly Reports for Opacity and SO2 - Units 1, 2 & 3 remain in LTCS
03/18/2015	Other	Compliance	Review of Quarterly Excess Emissions Reports for the 4th Quarter 2015. See CA_B283628839. (SLachance, 3/18/15)

Name:

SP Jordan

Date:

1/8/16

Supervisor:

PAB