

**DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection**

N089028319

FACILITY: Viking Energy of Lincoln, LLC		SRN / ID: N0890
LOCATION: 509 W. State St., LINCOLN		DISTRICT: Gaylord
CITY: LINCOLN		COUNTY: ALCONA
CONTACT: Neil Taratuta , Plant Manager		ACTIVITY DATE: 12/09/2014
STAFF: Gloria Torello	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MAJOR
SUBJECT: 2015 Site Visit		
RESOLVED COMPLAINTS:		

Mr. Neil Taratuta of Viking staff met with AQD's Gloria Torello and Becky Radulski. The purpose of the site visit was to complete part of the full compliance inspection for 2015, and to bring Becky to the site and to meet Neil.

Previously Neil had provided these records for the time period of October 2013-October 2014:

Emission Unit/Process Description	Permit Condition	Records Requested
EURMHANDLING	VI. 1.	Records of visible emissions observations, repairs, and remedial actions.
	VI.2.	Records of inspections and any corrective measures taken.
EUBOILER	VI.8.	CO, NOx, and SO2 emissions calculations in pounds per hour.
	VI.9	Monthly and 12-month rolling emission calculations of all pollutants in the ROP, I. Emissions Limits for EUBOILER.
	VI. 12.	Monthly and 12-month rolling emission calculations of Natural Gas Usage.
	VI.13.	Fuel combusted during each day and the calculated annual capacity factor individually for natural gas and wood.
	VI.14.	Total fuel received.
	VI.15	Calculations of total fuel burned.
	VI.16.	Log of hours of operation.
EUASHHANDLING	VI.1	Observations of ash handling equipment.
EUGENERATOR	VI.1.	Log of hours of operation.
	VI.2.	Analytical results of each shipment of diesel fuel.

We discussed the records. The records show compliance with the permit limits.

The permittee and Consumers Utility have a power purchase agreement for four more years.

The permittee's parent company is GDF Suez out of Texas.

There are 4-5 gallons/minute of water lost in the process due to blow down of steam off the boiler, and water impurities.

Neil took AQD staff for a walk through the facility and around the grounds.

The control room EUBOILER computer monitor included these readings:

- CO: 22.4 pph (57.5 pph permitted), 0.097 # mmBtu (0.25 #/mmBtu permitted);
- NOx: 64.6 pph (57.5 pph permitted), the monitor reading is an instant reading which is included in the 30-day rolling average. The NOx pph 30-day rolling average records from July 1, 2015 to July 14, 2015 ranged from 49.25 pph to 51.31 pph;
- NOx: 0.274 #/mmBtu (0.25 #/mmBtu permitted);
- SOx: 35.1 pph (57.5 pph permitted), 0.15 #/mmBtu (0.25 #/mmBtu permitted);
- 16.4 KW (the boiler has 18 KW capacity).

During the site visit the boiler was operating at 16 MW (the boiler has 18 MW capacity).

NAME Gloria Irello

DATE 8-13-15

SUPERVISOR 