

SEMI-ANNUAL REPORTING FOR CONTINUOUS MONITORING SYSTEMS AND STACK TESTING

MWC UNIT #	POLLUTANT or PARAMETER	START	TIME OF EXCESS		MONITORED LEVEL	APPLICABLE LIMIT	SPECIFIC REASON FOR EXCESS	CORRECTIVE ACTIONS TAKEN
		DATE	EMISSIONS					
		mm/dd/yyyy	START	FINISH				
2	CO	8/1/2014	16:00	:	70	69	Plant knocked off grid leading to black plant conditions. Boiler was bottled up while preparing to put back on line to the turbine/generator. Trip led to upset of combustion. 4-hour block average based on 4 valid operating hours. three hours are excludable based on the malfunction (black plant caused by utility grid) resulting in a recalculated 4-hour block average of 70 ppmc. The last hour (70 ppmc) had only 5 minutes of elevated CO when returning combustor to full operating load at the top of the hour. An Emergency Condition and Operating Permit Deviation Report was submitted to MADEP on 8/5 and revised on 8/13/2014. Average CO below Subpart Cb MWC limit of 100.	Followed standard casualty procedures for black plant conditions. Lit gas burners and adjusted draft to minimize CO emissions until unit could be brought back to the T/G.
1	CO	8/4/2014	12:00	15:59	88	69	T/G knocked off grid and Unit 1 kept in standby at 100-120k load. When attempting to attain a higher load while on the bypass condenser, the safeties lifted resulting in a need to reduce load. This caused upsets in combustion. Combustor on line the entire period. An Operating Permit Deviation Report was submitted to MADEP on 8/6/2014. Average CO below Subpart Cb MWC limit of 100.	Adjusted grate speed and air flows settings when reducing load to minimize CO emissions. Called in safety valve technician to assist in seating valves.
1	CO	8/4/2014	16:00	19:59	92	69	T/G knocked off grid and Unit 1 kept in standby at 120-125k load. When attempting to attain a higher load while on the bypass condenser, the safeties lifted resulting in a need to reduce load. This caused upsets in combustion. Combustor on line the entire period. An Operating Permit Deviation Report was submitted to MADEP on 8/6/2014. Average CO below Subpart Cb MWC limit of 100.	Adjusted grate speed and air flows to minimize CO. Safety valve technician on site to assist seating safety valves. GE turbine rep in to download software patch and test trip turbine. Started turbine with Unit 1 and resumed full load operation during next 4-hour block.
2	CO	9/22/2014	12:00	15:59	77	69	While conducting bang and clean, the dwell time between percussive blasts was insufficient to adequately regain combustion equilibrium. This resulted in two elevated hours of CO during the 4-hour block average. An Operating Permit Deviation Report was submitted to MADEP on 9/23/2014. Average CO below Subpart Cb MWC limit of 100.	Bang and Clean was suspended for the day. Bang and Clean team members will be review procedures as to the proper dwell time between percussive blasts. Operators will be counseled as to the importance of constantly reviewing emissions and slowing down or suspending blasting to allow minimization of CO emissions.