

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	7/25/2011	16:00	17:14	257	69	SHUTDOWN: Shutdown due to convection pass leak causing difficulty in maintaining water level in boiler. 4-hour block average based on 1 hour of operation. One hour dismissible due to shutdown resulting in a recalculated 4-hour block average of 0 ppmc (no valid hourly data). It is being reported for informational purposes only.	Emergency shutdown of combustor completed following standard procedures.
2	CO	7/29/2011	2:52	3:59	181	69	START-UP: Boiler brought on-line after repairing waterwall tube leak. 4-hour block average based on only 1 operating hour. One hour dismissible due to start-up resulting in a recalculated 4-hour block average of 0 ppmc. It is being reported for informational purposes only.	Followed standard procedures for bringing boiler on-line.
2	CO	11/14/2011	04:00	07:59	104	69	MALFUNCTION: A malfunction of the Unit #2 Programmable Logic Controller (PLC) caused a lock-up of process signals. The redundant back-up PLC did not take over control as designed. This triggered a low drum level condition that tripped the primary and secondary air fans. An emergency shutdown ensued. At a point of minimal combustion and steam production, the PLC was power cycled and operational control was enabled. The unit was then started back up. The 4-hour block average was based on 4 operating hours. Two hours are dismissible due to the malfunction and subsequent shutdown and start-up activities. The recalculated 4-hour block average is 7 ppmc. An emergency condition report was submitted to the MADEP.	A shutdown of the combustor was initiated, E&I was called in to address the locked-up PLC. They successfully power cycled the PLC and the redundant system started and enabled control of the combustor. The manufacturers and programmers of the PLC were brought on site to investigate why the redundant system did not take over for malfunctioning primary PLC. The vendor could not recreate this event.