

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : GENESEE POWER STATION LIMITED PARTNERSHIP	SRN : N3570
Location : G 5310 NORTH DORT HIGHWAY	District : Lansing
	County : GENESEE
City : FLINT State: MI Zip Code : 48505	Compliance Status : Compliance
Source Class : MAJOR	Staff : Julie Brunner
FCE Begin Date : 5/17/2021	FCE Completion Date : 5/17/2022
Comments :	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
05/03/2022	ROP Qrtly Cert	Compliance	*electronic copy rec'd 4-26-22* 1st quarter 2022 excess emissions and monitoring report and data summary for MI-ROP-N3570-2018. *hard copy rec'd 3-3-22* Thomas Andreski signed as RO. Linearity Audit Report and Opacity Audit Report for EUBOILER. Total CO CEMS downtime for lb/hr was 17.52 hrs (0.91%) and for lb/MMBtu was 17.52 hrs (0.91%) for the quarter. No excess emissions of CO. Total NOx CEMS downtime for lb/hr was 13.52 hrs (0.70%) and lb/MMBtu was 17.52 hrs (0.91%) for the quarter. Total SO2 CEMS downtime for lb/hr was 13.52 hrs (0.70%) for the quarter. No excess emissions were reported for NOx and SO2. Total COMS downtime of 228 min (0.20%) and excess emissions of 498 mins (0.43%) reported for the quarter. Linearity tests passing. CEMS Span Exceeded report for SO2 ppm.
04/20/2022	Odor Evaluation	Compliance	Odor evaluations conducted on 4/20, 4/19, 4/18 and 4/13/22 while in the area. See report for activity details.
04/11/2022	On-site Inspection	Compliance	Compliance inspection as part of an FCE

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03/28/2022	Odor Evaluation	Compliance	Odor evals conducted while in the area on 3/28, 3/02, 2/09, 01/03/22. See activity report for details.
03/24/2022	MAERS	Compliance	2021 MAERS received electronically. Audit
03/23/2022	ROP Annual Cert	Compliance	2020 Annual Compliance Cert., MI-ROP-N3570-2018. RO: Thomas Andreski, General Manager; See semi-annual reports. No additional deviations for 40 CFR Part 63, Subpart ZZZZ.
03/23/2022	ROP SEMI 2 CERT	Compliance	Semi-Annual Deviation Reports for ROP No. MI-ROP-N3570-2018. RO: Thomas Andreski, General Manager; Deviation Report: CO exceedance of the 24-hour rolling limit of 0.35 lb/MMBtu for a 3-hour period on 7/14/2021 due to clogging and miscommunication of the DAHS availability of valid readings, Rule 912 report submitted, corrective actions taken. Various 6-min average opacity exceedances on 7/18, 8/17, 8/31, 9/2, 11/1, 11/16, 12/8, 12/15, 12/17 with corrective actions to reduce load, clearing of sample lines, controlled start-up and shutdowns activities according to procedure.
03/23/2022	MACT (Part 63)	Compliance	Boiler MACT Semi Annual Report for 40 CFR Part 63, Subpart DDDDD. MI-ROP-N3570-2018; Resp. Official is Thomas Andreski. Submitted through CEDRI. No new fuel burned, no deviations from emission limits and operating limits. No deviations in monitoring requirements, CO CEMS and COMS. Last boiler turn-up was conducted on January 7, 2021. Testing conducted May 2020 for PM, Hg, and HCl showed emissions at less than 75% of the standard which allows GPS to maintain test frequency of every three years.
03/10/2022	ROP R215 Notification	Compliance	Adding Thomas Andreski as an RO.

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02/09/2022	ROP Qrtly Cert	Compliance	*electronic copy* 4th quarter 2021 excess emissions and monitoring report and data summary for MI-ROP-N3570-2018. *hard copy rec'd 2-9-22* Thomas Andreski signed as RO. Linearity Audit Report and Opacity Audit Report for EUBOILER. Total CO CEMS downtime for lb/hr was 22 hrs (1.02%) and for lb/MMBtu was 21 hrs (0.98%) for the quarter. No excess emissions of CO. Total NOx CEMS downtime for lb/hr was 11 hrs (0.51%) and lb/MMBtu was 16 hrs (0.75%) for the quarter. Total SO2 CEMS downtime for lb/hr was 11 hrs (0.51%) for the quarter. No excess emissions were reported for NOx and SO2. Total COMS downtime of 90 min (0.07%) and excess emissions of 156 mins (0.12%) reported for the quarter. Linearity tests passing. CEMS Span Exceeded report for SO2 ppm.
01/04/2022	ROP Other	Compliance	Annual Bottom & Fly Ash testing. *hard copy rec'd 12-21-21* Annual Ash Sample report for 2021 for EU-Boiler. Sampled 11-23-2021. ROP No. MI-ROP-N3570-2018, Ken DesJardins (Responsible Official).
12/10/2021	Odor Evaluation	Compliance	Odor evaluations while in the area, conducted 12/10, 10/28 and 10/12/2022. see report for details.

Activity Date	Activity Type	Compliance Status	Comments
11/03/2021	ROP Qrtly Cert	Non Compliance	<p>3rd quarter 2021 excess emissions and monitoring report and data summary for MI-ROP-N3570-2018. DesJardins (RO) Linearity Audit Report and Opacity Audit Report for EUBOILER. Total CO CEMS downtime for lb/hr was 28 hrs (1.33%) and for lb/MMBtu was 26 hrs (1.24%) for the quarter. Excess emissions of CO exceeded the 24 hour rolling average permit limit for 0.35 CO lb/MMBtu for a three hour period (0.14%). VN sent and resolved on 8/3/2021. Total NOx CEMS downtime for lb/hr was 5 hrs (0.24%) and lb/MMBtu was 3 hrs (0.14%) for the quarter. Total SO2 CEMS downtime for lb/hr was 5 hrs (0.24%) for the quarter. No excess emissions were reported for NOx and SO2. Total COMS downtime of 138 min (0.11%) and excess emissions of 2.7 hrs (0.13%) reported for the quarter. Linearity tests passing. CEMS Span Exceeded report for SO2 ppm.</p>
10/25/2021	CEM RATA	Compliance	<p>2021 RATA - ROP No. MI-ROP-N3570-2018. Resp. Official is Kenneth A. DesJardins. RATA Results for NOx, CO, SO2, O2, and air flow. CEMS performance was within the relative accuracy criteria.</p>
09/22/2021	MACT (Part 63)	Compliance	<p>Boiler MACT Semi Annual Report for 40 CFR Part 63, Subpart DDDDD for MI-ROP-N3570-2018. - Semi-annual Deviation Report; Resp. Official is Kenneth A. DesJardins. Submitted through CEDRI. No new fuel burned, no deviations from emission limits and operating limits. No deviations in monitoring requirements, CO CEMS and COMS. Last boiler turn-up was conducted on January 7, 2021. Testing conducted May 2020 for PM, Hg, and HCl showed emissions at less than 75% of the standard which allows GPS to maintain test frequency of every three years. *Hard copy received 9-17-21*</p>

Activity Date	Activity Type	Compliance Status	Comments
09/15/2021	ROP Semi 1 Cert	Compliance	1st Semi-Annual 2021 ROP Report & Certification for MI-ROP-N3570-2018. RO: Kenneth A. DesJardins. Deviation Report: Opacity exceedances (various 6-minute averages), corrective actions include reducing load to control pressure swings, continuing with controlled start-up & shutdown according to procedure. *Hard copy received 9-17-21*
08/30/2021	Odor Evaluation	Compliance	Odor evaluations conducted while in the area on 8/30, 8/18, 8/13 and 8/11/2021. See activity report for details.
07/29/2021	Excess Emissions (CEM)	Non Compliance	Within 10 day follow-up to Rule 912(4) notification that Genesee Power Station (GPS) exceeded the 24 hour rolling average permit limit for 0.35 CO lb/mmBtu, which extended over a three hour period, from 10:00 am to 1:00 pm on 7/14/2021. Summary of exceedance cause, measures taken, minimization actions, and corrective actions to prevent a reoccurrence per Rule 912(5). *Hard copy rec'd 7-30-21*
07/15/2021	Rule 912	Non Compliance	Rule 912 24-hr notification that Genesee Power Station (GPS) exceeded the 24 hour rolling average permit limit for 0.35 CO lb/mmBtu, which extended over a three hour period, from 10:00 am to 1:00 pm on 7/14/2021. GPS is currently gathering all the pertinent information to investigate this and will share findings in a follow-up report by July 24.
06/23/2021	CEM RATA	Compliance	2021 CO CEMs Analyzer certification (Thermo Electronics, 48iq, #1192744556) including RATA for replaced analyzer - ROP No. MI-ROP-N3570-2018. RATA results for CO and oxygen CEMS performance was within the relative accuracy criteria. *Hard copy received July 1, 2021*
06/16/2021	Odor Evaluation	Compliance	Odor evals conducted while in area on 6/16 and 4/14/21. See report for activity details.

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05/24/2021	ROP Qrtly Cert	Compliance	1st quarter 2021 excess emissions and monitoring report and data summary for MI-ROP-N3570-2018. Ken DesJardins (RO) Linearity Audit Report and Opacity Audit Report (electronic copy) for EUBOILER. Total CO CEMS downtime for lb/hr was 20 hrs (0.93%) and for lb/MMBtu was 20 hrs (0.93%) for the quarter. Total NOx CEMS downtime for lb/hr was 2 hrs (0.09%) and lb/MMBtu was 4 hrs (0.19%) for the quarter. Total SO2 CEMS downtime for lb/hr was 2 hrs (0.09%) for the quarter. No excess emissions were reported for CO, NOx, and SO2. Total COMS downtime of 180 min (0.14%) and excess emissions of 6 hrs (0.00%) reported for the quarter. Linearity tests passing.

Name: Julie L. Brunner Date: 6/6/2022

Supervisor: BM