LOS ESTEROS CRITICAL ENERGY FACILITY, LLC

800 Thomas Foon Chew Way February 28, 2023 San Jose, CA 95134

Director of Compliance and Enforcement Bay Area Air Quality Management District 375 Beale Street, Suite 600 San Francisco, CA 94105 Attn: Title V Reports

Via Email: compliance@baaqmd.gov

TV Tracking #: 616 1. D RECEIVED IN ENFORCEMENT:

Re: Los Esteros Critical Energy Facility #B3289 Title V Semi-Annual Monitoring Report

Reporting Period: June 1, 2022 – November 30, 2022

To Whom It May Concern:

In response to the Notice to Comply # A48451 issued by BAAQMD to the Los Esteros Critical Energy Facility ("LECEF") on February 15, 2023, LECEF is resubmitting the original Title V Semi-Annual Monitoring Report, for reporting period June 1, 2022 – November 30, 2022. Also included, as requested in the NTC, are the NOx and CO 1-minute emissions data for the reporting period, as well as the calculated 1-clock hour averages.

The permit conditions reference limits as 1-hour rolling averages, although that term is not defined in the permit. The permit does define a clock hour as any continuous 60-minute period beginning on the hour. Furthermore, BAAQMD Manual of Procedures 8.3.2 states that excess emissions occur when the average concentration over any clock hour exceeds the emission standard. Accordingly, LECEF uses 1-clock hour averages to determine compliance with the NOx and CO 1-hour rolling average limits. Based on that methodology, this letter serves to certify compliance with all NOx and CO 1-hour rolling average limits in the Title V permit during the reporting period. Further we note that Table VII-A in the permit references 1-hour averages, not 1-hour rolling averages.

LECEF is currently in compliance with District regulations and maintained compliance with the monitoring requirements listed in the Title V permit, during the reporting period for CT-1, CT-2, CT-3, and CT-4.

By signing this report, I am certifying that based on information and belief formed after reasonable inquiry, the statements and information in the attached report are true, accurate, and complete.

If you have any questions or require additional information, do not hesitate to contact Rosemary Silva, EHS Specialist III, at (408) 361-4954.

Sincerely,

Kevin Karwick

General Manager and

Responsible Official/Designated Representative

Los Esteros Critical Energy Facility, LLC

Enclosures

John Heiser cc: CEC AQ-34

Region 9 **EPA**

Table VII - A Applicable Limits and Compliance Monitoring Requirements S-1, S-2, S-3, & S-4 COMBUSTION GAS TURBINES WITH WATER INJECTION, S-7, S-8, S-9 & S-10 HEAT RECOVERY STEAM GENERATORS

| | | | Future | | Monitoring | Monitoring | | Compl | iance |
|-------------------|-------------|-----|-----------|----------------------------|---------------|----------------|-------------|-------|-------|
| Type of | Citation of | FE | Effective | | Requirement | Frequency | Monitoring | Yes | No |
| Limit | Limit | Y/N | Date | Limit | Citation | (P/C/N) | Туре | 163 | 140 |
| NOx | BAAQMD | N | | 9 ppmv @ 15% O2, dry | BAAQMD | С | CEM | | |
| | 9-9-301.2 | | | Or | 9-9-501 and | | | | |
| | | | | 0.43 lbs./MW-hr. | BAAQMD | | | x | |
| | | | | | condition | | | ^ | |
| | | | | | #23868, part | | | | |
| | | | | | 25c | | | | |
| NOx | BAAQMD | Υ | | 9 ppmv @ 15% O2, dry | BAAQMD | С | CEM | | |
| | 9-9-301.3 | | | | 9-9-501 and | | | | |
| | | | | | BAAQMD | | | x | |
| | | | | | condition | | | ^ | |
| | | | | | #23868, part | | | | |
| | | | | | 25c | | | | |
| NOx | NSPS | Υ | | 25 ppmv @ 15% O2, dry | NSPS 40 CFR | С | CEM | | |
| | Subpart | | | 30 day rolling average | 60.4335(b)(1) | | | | |
| | KKKK | | | | | | | v | |
| | 40 CFR | | | | | | | Х | |
| | 60.4320(a) | | | | | | | | |
| | and (h) | | | | | | | | |
| NOx | None | Υ | | None | 40 CFR 75.10 | С | CEM | х | |
| NOx | BAAQMD | Υ | | 2 ppmv @ 15% O2, dry, | BAAQMD | С | CEM | | |
| | condition | | | 1-hr average except during | condition | | | v | |
| | #23688, | | | turbine startup or | #23688, parts | | | Х | |
| | part 19a | | | shutdown | 19a and 25c | | | | |
| NOx | BAAQMD | Υ | | 2 ppmv @ 15% O2, dry, | BAAQMD | P/every 8000 | Source test | | |
| | condition | | | 1-hr average except during | condition | hrs. of | | | |
| | #23688, | | | turbine startup or | #23688, | operation or | | v | |
| | part 19a | | | shutdown | part 26b.a | every 3 years, | | Х | |
| | | | | | | whichever is | | | |
| | | | | | | sooner | | | |
| NOx (as | BAAQMD | Υ | | 175.6 lb./day for each | BAAQMD | С | CEM | | |
| NO ₂) | condition | | | turbine/HRSG power train | condition | | | v | |
| | #23688, | | | including startup and | #23688, | | | Х | |
| | part 22 | | | shutdown | part 25c | | | | |

| | | | Future | | Monitoring | Monitoring | | Compl | liance |
|-------------------|----------------------|-----|-----------|---|----------------------|----------------|-------------|-------|--------|
| Type of | Citation of | FE | Effective | | Requirement | Frequency | Monitoring | Vaa | N- |
| Limit | Limit | Y/N | Date | Limit | Citation | (P/C/N) | Туре | Yes | No |
| NOx (as | BAAQMD | Υ | | 702.4 lb/day (as NO2) for | BAAQMD | С | CEM | | |
| NO ₂) | condition | | | all turbines and HRSGS | condition | | | х | |
| | #23688 | | | combined, including | #23688, | | | ^ | |
| | part 22 | | | startup and shutdown | part 25c | | | | |
| NOx (as | BAAQMD | Υ | | 94.1 tons per year (as NO2) | BAAQMD | С | CEM | | |
| NO ₂) | condition | | | for all turbines and HRSGs | condition | | | V | |
| | #23688, | | | combined, including | #23688, | | | Х | |
| | part 22 | | | startup or shutdown | part 25c | | | | |
| NOx | BAAQMD | Υ | | 41 lb./turbine/startup | BAAQMD | С | CEM | | |
| | condition | | | during startup not to | condition | | | v | |
| | #23688 | | | exceed 120 minutes | #23688 | | | Х | |
| | part 20 | | | | part 25c | | | | |
| СО | BAAQMD | Υ | | 2 ppmv @ 15% O2, dry, | BAAQMD | С | CEM | | |
| | condition | | | 1-hr average except during | condition | | | | |
| | #23688, | | | turbine startup or | #23688, | | | Х | |
| | part 19c | | | shutdown | parts 19c and | | | | |
| | | | | | 25c | | | | |
| СО | BAAQMD | Υ | | 2 ppmv @ 15% O2, dry, | BAAQMD | P/every 8000 | Source test | | |
| | condition | | | 1-hr average except during | condition | hrs. of | | | |
| | #23688, | | | turbine startup or | #23688, | operation or | | х | |
| | part 19c | | | shutdown | part 26c | every 3 years, | | ^ | |
| | | | | | | whichever is | | | |
| | | | | | | sooner | | | |
| СО | BAAQMD | Υ | | 2.85 lb. CO/hr. for each | BAAQMD | С | CEM | | |
| | condition #23688, | | | turbine, 1-hr average except during turbine | condition #23688, | | | х | |
| | part 19c | | | startup or shutdown | parts 19c and | | | Α | |
| | | | | | 25c | | | | |
| СО | BAAQMD condition | Υ | | 2.85 lb. CO/hr. for each | BAAQMD | P/A | Source Test | | |
| | #23688, | | | turbine, 1-hr average except during turbine | condition #23688, | | | X | |
| | part 19c | | | startup or shutdown | parts 19c and | | | | |
| | DAAONAD | | | | 25c | | | | |
| СО | BAAQMD condition | Υ | | 97 lb./day for each | BAAQMD | С | CEM | | |
| | #23688, | | | turbine/HRSG power train | condition | | | X | |
| | part 22 | | | including startup and | #23688, | | | | |
| | | | | shutdown | part 25c | | _ | | |
| СО | BAAQMD | Υ | | 388 lb./day for all turbines | BAAQMD | С | CEM | | |
| | condition | | | and HRSG combined, | condition | | | X | |
| | #23688, | | | including startup and | #23688, | | | | |
| | part 22 | | | shutdown | part 25c | | | | |

| | | | Future | | Monitoring | Monitoring | | Compl | iance |
|-----------------|-------------|-----|-----------|---------------------------------------|---------------|----------------|--------------|----------|-------|
| Type of | Citation of | FE | Effective | | Requirement | Frequency | Monitoring _ | Yes | No |
| Limit | Limit | Y/N | Date | Limit | Citation | (P/C/N) | Туре | | |
| СО | BAAQMD | Υ | | 53.4 tons per year for all | BAAQMD | С | CEM | | |
| | condition | | | turbines and HRSGs | condition | | | Х | |
| | #23688, | | | combined, including | #23688, | | | | |
| | part 22 | | | startup and shutdown | part 25c | | | | |
| СО | BAAQMD | Υ | | 20 lb./turbine/startup | BAAQMD | С | CEM | | |
| | condition | | | during startup not to | condition | | | Х | |
| | #23688, | | | exceed 120 minutes | #23688, | | | | |
| | part 20 | | | | part 25c | | | | |
| CO ₂ | | Υ | | None | 40 CFR 75.10 | С | CEM (CO2) | | |
| | | | | | | | or CEM (O2) | Х | |
| | | | | | | | or fuel flow | ^ | |
| | | | | | | | monitor | | |
| SO ₂ | BAAQMD 9- | Υ | | GLC ¹ of 0.5 ppm for 3 min | | N | | | |
| | 1-301 | | | or 0.25 ppm for 60 min or | | | | Х | |
| | | | | 0.05 ppm for 24 hours | | | | | |
| SO ₂ | BAAQMD 9- | Υ | | 300 ppm (dry) | BAAQMD | P/every 8000 | Source test | | |
| | 1-302 | | | | Condition | hrs. of | for flow and | | |
| | | | | | 23688, Part | operation or | sulfur data | х | |
| | | | | | 26f | every 3 years, | | ^ | |
| | | | | | | whichever is | | | |
| | | | | | | sooner | | | |
| SO ₂ | NSPS | Υ | | 0.060lb SO2/MMBtu | NSPS 40 CFR | N | None | | |
| | Subpart | | | | 60.4365(a) | | | | |
| | KKKK | | | | | | | х | |
| | 40 CFR | | | | | | | ^ | |
| | 60.4330 | | | | | | | | |
| | (a)(2) | | | | | | | | |
| SO ₂ | None | Υ | | None | 40 CFR 75.11, | | Fuel | | |
| | | | | | 40 CFR 75, | | measure- | v | |
| | | | | | Appendix D, | | ments, | Х | |
| | | | | | part 2.3 | | calculations | | |
| SO ₂ | BAAQMD | Υ | | 6.43 tons/calendar year for | BAAQMD | P/every 8000 | Source Test | | |
| | condition | | | all turbines and HRSGs | Condition | hrs. of | for flow and | | |
| | #23688, | | | combined including startup | 23688, Part | operation or | sulfur data | , | |
| | part 22 | | | and shutdown of turbines | 26f | every 3 years, | | Х | |
| | | | | | | whichever is | | | |
| | | | | | | sooner | | | |

| | | | Future | | Monitoring | Monitoring | | Compl | iance |
|------------------|--|-------|-----------|---|--|---|---------------------------------|-------|-------|
| Type of | Citation of | FE | Effective | | Requirement | Frequency | Monitoring | Yes | No |
| Limit | Limit | Y/N | Date | Limit | Citation BAAQMD | (P/C/N) | Type | | |
| S in Fuel | BAAQMD condition | Υ | | 1.0 gr S/100 scf natural gas | condition | P/Q | Vendor data | | |
| | #23688, | | | | #23688, part | | | Х | |
| | part 24b | | | | 24b | | | | |
| S in Fuel | BAAQMD condition #23688, part 24b | Y | | 1.0 gr S/100 scf natural gas | BAAQMD condition #23688, part 26b.g | P/every 8000 hrs. of operation or every 3 years, whichever is | Source test/Fuel analysis | x | |
| Onacity | DAAONAD 6 | NI NI | | > Dingalmann No. 1 for no. | | sooner | None | | |
| Opacity | 1-301 | N | | > Ringelmann No. 1 for no more than 3 minutes in any hour | | N | None | x | |
| Opacity | SIP 6-301 | Υ | | > Ringelmann No. 1 for no | | N | None | | |
| | | | | more than 3 minutes in any hour | | | | Х | |
| Opacity | BAAQMD | Υ | | > Ringelmann No. 1 for no | | N | None | | |
| | condition | | | more than 3 minutes in any | | | | х | |
| | #23688, | | | hour or equivalent 20% | | | | ^ | |
| | part 18 | | | opacity | | | | | |
| FP | BAAQMD 6- | Υ | | 0.15 grain/dscf | | N | None | X | |
| | 1-310 | | | | | | Nama | | |
| FP | SIP 6-310 | Y | | 0.15 grain/dscf | | N | None | X | |
| FP | BAAQMD 6- 1-3103 | Y | | 0.15 grain/dscf @ 6% O2 | | N | | x | |
| FP | SIP 6-310 | Υ | | 0.15 grain/dscf @ 6% O2 | | N | | x | |
| PM ₁₀ | BAAQMD | Υ | | 38.5 tons/year for all | BAAQMD | P/every 8000 | Source test, | | |
| | condition | | | turbines and HRSGS | condition | hrs. of | records & | | |
| | #23688, | | | combined including startup | #23688 | operation or | calculation | x | |
| | part 22 | | | and shutdown of turbines | part 26e | every 3 years, | | ^ | |
| | | | | | | whichever is | | | |
| | | | | | | sooner | | | |
| POC | BAAQMD | Υ | | 1 ppmv @ 15% O2, dry, | BAAQMD | P/every 8000 | Source Test | | |
| | condition | | | 1-hr average except during | condition | hrs. of | | | |
| | #23688, | | | turbine startup or | #23688, | operation or | | X | |
| | part 19d | | | shutdown | part 26d | every 3 years, | | | |
| | | | | | | whichever is | | | |
| | | | | | | sooner | | | |

| | | | Future | | Monitoring | Monitoring | | Compliance | |
|-----------------|-------------|-----|-----------|------------------------------|---------------|----------------|--------------|------------|----|
| Type of | Citation of | FE | Effective | | Requirement | Frequency | Monitoring | Yes | No |
| Limit | Limit | Y/N | Date | Limit | Citation | (P/C/N) | Туре | | |
| POC | BAAQMD | Υ | | 20.2 lb./day for each | BAAQMD | P/every 8000 | P/every | | |
| | condition | | | turbine/HRSG power train | condition | hrs. of | 8000 hrs. of | | |
| | #23688, | | | including startup and | #23688, | operation or | operation or | | |
| | part 22 | | | shutdown | part 26d | every 3 years, | every 3 | Х | |
| | | | | | | whichever is | years, | | |
| | | | | | | sooner | whichever is | | |
| | | | | | | | sooner | | |
| POC | BAAQMD | Υ | | 80.8 lb/day for all turbines | BAAQMD | P/every 8000 | P/every | | |
| | condition | | | and HRSG combined, | condition | hrs. of | 8000 hrs. of | | |
| | #23688, | | | including startup and | #23688, | operation or | operation or | | |
| | part 22 | | | shutdown | part 26d | every 3 years, | every 3 | Х | |
| | | | | | | whichever is | years, | | |
| | | | | | | sooner | whichever is | | |
| | | | | | | | sooner | | |
| POC | BAAQMD | Υ | | 12.3 tons/year for all | BAAQMD | P/A | P/every | | |
| | condition | | | turbines and HRSGs | condition | | 8000 hrs. of | | |
| | #23688 | | | combined including startup | #23688, | | operation or | | |
| | part 22 | | | and shutdown. | part 26d | | every 3 | Х | |
| | | | | | | | years, | | |
| | | | | | | | whichever is | | |
| | | | | | | | sooner | | |
| NH ₃ | BAAQMD | N | | 5 ppmv @ 15% O2, dry, | BAAQMD | С | NH₃ flow | | |
| | condition | | | averaged over 3-hrs except | condition | | meter, | | |
| | #23688, | | | during turbine startup or | #23688, | | calculations | X | |
| | part 19b | | | shutdown | parts 19b and | | | | |
| | | | | | 26b | | | | |
| NH ₃ | BAAQMD | N | | 5 ppmv @ 15% O2, dry, | BAAQMD | P/every 8000 | Source Test | | |
| | condition | | | averaged over 3-hrs except | condition | hrs. of | | | |
| | #23688, | | | during turbine startup or | #23688, | operation or | | v | |
| | part 19b | | | shutdown | part 26b | every 3 years, | | Х | |
| | | | | | | whichever is | | | |
| | | | | | | sooner | | | |
| NH ₃ | BAAQMD | Υ | | 104 lb./day for each | BAAQMD | С | Ammonia | | |
| | condition | | | turbine/HRSG power train | condition | | flow meter, | | |
| | #23688, | | | including startup and | #23688, | | calculations | Х | |
| | part 22 | | | shutdown | part 25b | | | | |

| | | | Future | | Monitoring | Monitoring | | Compl | iance |
|--------------------------|-------------|-----|-----------|--------------------------------|---------------|----------------|--------------|-------|-------|
| Type of | Citation of | FE | Effective | | Requirement | Frequency | Monitoring | Yes | No |
| Limit NH ₃ | Limit | Y/N | Date | Limit | Citation | (P/C/N) | Туре | | |
| IN∏3 | BAAQMD | Υ | | 416 lb/day for all turbines | BAAQMD | С | Ammonia | | |
| | condition | | | and HRSGs combined, | condition | | flow meter, | Х | |
| | #23688, | | | including startup and | #23688, | | calculations | | |
| NII I | part 22 | | | shutdown | part 25b | | | | |
| NH ₃ | BAAQMD | Υ | | 56.9 tons/year for all | BAAQMD | С | Ammonia | | |
| | condition | | | turbines and HRSGs | condition | | flow meter, | X | |
| | #23688 | | | combined including startup | #23688, | | calculations | | |
| | part 22 | | | and shutdown. | part 26b | | | | |
| Formalde | BAAQMD | N | | 6490 lbs./year for all | | | N | | |
| hyde | condition | | | turbines and HRSGs | | | | X | |
| | #23688 | | | combined | | | | Α | |
| | part 43 | | | | | | | | |
| Acetaldeh | BAAQMD | N | | 3000 lbs./year for all | | | N | | |
| yde | condition | | | turbines and HRSGs | | | | V | |
| | #23688 | | | combined | | | | X | |
| | part 43 | | | | | | | | |
| Specific | BAAQMD | N | | 3.2 lbs./year for all turbines | BAAQMD | P (Startup | Source Test | | |
| PAHs | condition | | | and HRSGs combined | condition | and biennial | | v | |
| | #23688 | | | | #23688, | thereafter) | | X | |
| | part 43 | | | | Parts 44 & 45 | | | | |
| Acrolein | BAAQMD | N | | 65.3 lbs./year for all | BAAQMD | P (Startup | Source Test | | |
| | condition | | | turbines and HRSGs | condition | and biennial | | | |
| | #23688 | | | combined | #23688, | thereafter) | | Х | |
| | part 43 | | | | Parts 44 & 45 | , | | | |
| Sulfuric | BAAQMD | Υ | | 7 tons/year for all turbines | BAAQMD | P/every 8000 | Source Test | | |
| Acid Mist | condition | | | and HRSGs combined | condition | hrs. of | | | |
| | #23688 | | | | #23688, | operation or | | | |
| | part 43 | | | | Parts 27 | every 3 years, | | Х | |
| | part 15 | | | | r dres 27 | whichever is | | | |
| | | | | | | sooner | | | |
| Heat | BAAQMD | Υ | | 500 MM BTU/ hr. (HHV), | BAAQMD | C | Fuel meter, | | |
| input limit | condition | | | for each turbine | condition | Ĭ | firing | | |
| pac iiiiii | #23688, | | | To cach tarbine | #23688, | | monitor, | X | |
| | part 24 | | | | part 25d | | calculations | | |
| Heat | BAAQMD | Υ | | 500 MM BTU/ hr. (HHV), | BAAQMD | P/Q | Fuel | | |
| input limit | condition | ľ | | for each turbine | condition | r/U | | | |
| input iiiiilt | | | | ioi eacii turbine | | | composition | X | |
| | #23688, | | | | #23688, | | analysis | | |
| | part 24 | | | | part 25d | | | | |

| | | | Future | | Monitoring | Monitoring | | Compl | iance |
|-------------|-------------|-----|-----------|--------------------------|-------------|----------------|--------------|-------|-------|
| Type of | Citation of | FE | Effective | | Requirement | Frequency | Monitoring | Yes | No |
| Limit | Limit | Y/N | Date | Limit | Citation | (P/C/N) | Туре | | |
| Heat | BAAQMD | Υ | | 500 MM BTU/ hr. (HHV), | BAAQMD | P/every 8000 | Source test | | |
| input limit | condition | | | for each turbine | condition | hrs. of | | | |
| | #23688, | | | | #23688, | operation or | | х | |
| | part 24 | | | | part 25d | every 3 years, | | | |
| | | | | | | whichever is | | | |
| | | | | | | sooner | | | |
| Heat | BAAQMD | Υ | | 639 MM BTU/day (HHV) for | BAAQMD | С | fuel meter, | | |
| input limit | condition | | | each turbine w/ Duct | condition | | firing | X | |
| | #23688, | | | Burner | #23688, | | monitor, | ^ | |
| | part 24 | | | | part 25d | | calculations | | |
| Heat | BAAQMD | Υ | | 639 MM BTU/day (HHV) for | BAAQMD | P/Q | Fuel | | |
| input limit | condition | | | each turbine w/ Duct | condition | | composition | V | |
| | #23688, | | | Burner | #23688, | | Analysis | X | |
| | part 24 | | | | part 25d | | | | |
| Heat | BAAQMD | Υ | | 639 MM BTU/day (HHV) for | BAAQMD | P/every 8000 | Source Test | | |
| input limit | condition | | | each turbine w/ Duct | condition | hrs. of | | | |
| | #23688, | | | Burner | #23688, | operation or | | | |
| | part 24 | | | | part 25d | every 3 years, | | X | |
| | | | | | | whichever is | | | |
| | | | | | | sooner | | | |
| Heat | BAAQMD | Υ | | 12,000 MM BTU/day (HHV) | BAAQMD | С | fuel meter, | | |
| input limit | condition | | | for each turbine | condition | | firing | | |
| | #23688, | | | | #23688, | | monitor, | Х | |
| | part 24 | | | | part 25d | | calculations | | |
| Heat | BAAQMD | Υ | | 12,000 MM BTU/day (HHV) | BAAQMD | P/Q | Fuel | | |
| input limit | condition | | | for each turbine | condition | | composition | | |
| | #23688, | | | | #23688, | | Analysis | Х | |
| | part 24 | | | | part 25d | | | | |
| Heat | BAAQMD | Υ | | 15,366 MM BTU/day (HHV) | BAAQMD | С | fuel meter, | | |
| input limit | condition | | | for each turbine w/ Duct | condition | | firing | | |
| | #23688, | | | Burner | #23688, | | monitor, | X | |
| | part 24 | | | | part 25d | | calculations | | |
| Heat | BAAQMD | Υ | | 15,366 MM BTU/day (HHV) | BAAQMD | P/Q | Fuel | | |
| input limit | condition | | | for each turbine w/ Duct | condition | | composition | | |
| | #23688, | | | Burner | #23688, | | Analysis | X | |
| | part 24 | | | | part 25d | | , | | |

| | | | Future | | Monitoring | Monitoring | | Comp | liance |
|-------------|-------------|-----|-----------|---------------------------|-------------|----------------|--------------|------|--------|
| Type of | Citation of | FE | Effective | | Requirement | Frequency | Monitoring | Yes | No |
| Limit | Limit | Y/N | Date | Limit | Citation | (P/C/N) | Туре | | |
| Heat | BAAQMD | Υ | | 18,215,000 MM BTU/yr. | BAAQMD | С | fuel meter, | | |
| input limit | condition | | | (HHV) for all turbines w/ | condition | | firing | X | |
| | #23688, | | | Duct Burner | #23688, | | monitor, | | |
| | part 24 | | | | part 25d | | calculations | | |
| Heat | BAAQMD | Υ | | 18,215,000 MM BTU/yr. | BAAQMD | P/Q | Fuel | | |
| input limit | condition | | | (HHV) for all turbines w/ | condition | | composition | X | |
| | #23688, | | | Duct Burner | #23688, | | analysis | | |
| | part 24 | | | | part 25d | | | | |
| MW | N/A | | | None | BAAQMD | P/every 8000 | Source test | | |
| | | | | | condition | hrs. of | | | |
| | | | | | #23688, | operation or | | X | |
| | | | | | part 26h | every 3 years, | | ^ | |
| | | | | | | whichever is | | | |
| | | | | | | sooner | | | |
| Gas | N/A | | | None | BAAQMD | P/every 8000 | Source test | | |
| temper- | | | | | condition | hrs. of | | | |
| ature | | | | | #23688, | operation or | | X | |
| | | | | | part 26j | every 3 years, | | Α | |
| | | | | | | whichever is | | | |
| | | | | | | sooner | | | |
| Stack gas | N/A | | | None | BAAQMD | P/every 8000 | Source test | | |
| flow | | | | | condition | hrs. of | | | |
| | | | | | #23688, | operation or | | X | |
| | | | | | part 26i | every 3 years, | | Α | |
| | | | | | | whichever is | | | |
| | | | | | | sooner | | | |
| NH₃ | N/A | | | None | BAAQMD | P/every 8000 | Source test | | |
| injection | | | | | condition | hrs. of | | | |
| rate | | | | | #23688, | operation or | | x | |
| | | | | | part 26k | every 3 years, | | ^ | |
| | | | | | | whichever is | | | |
| | | | | | | sooner | | | |
| Water | N/A | _ | | None | BAAQMD | P/every 8000 | Source test | | |
| Injection | | | | | condition | hrs. of | | | |
| Rate | | | | | #23688, | operation or | | v | |
| | | | | | part 26l | every 3 years, | | X | |
| | | | | | | whichever is | | | |
| | | | | | | sooner | | | |

| | | | Future | | Monitoring | Monitoring | | Compliance | |
|----------|-------------|-----|-----------|----------------------------|-------------|------------|------------|------------|----|
| Type of | Citation of | FE | Effective | | Requirement | Frequency | Monitoring | Yes | No |
| Limit | Limit | Y/N | Date | Limit | Citation | (P/C/N) | Туре | res | NO |
| Shutdown | BAAQMD | Υ | | Shutdown of turbine not to | | P/E | CEM | | |
| | condition | | | exceed 30 minutes per | | | | х | |
| | #23688, | | | event | | | | Α | |
| | part 24 | | | | | | | | |

Table VII – B Applicable Limits and Compliance Monitoring Requirements S-5 FIRE PUMP DIESEL ENGINE

| | o:: .: | | Future | | Monitoring | Monitoring | | Compl | iance |
|--------------------|--|-----------|-------------------|---|---|----------------------|-----------------------|-------|-------|
| Type of Limit | Citation of Limit | FE Y/N | Effective Date | Limit | Requirement Citation | Frequency (P/C/N) | Monitoring Type | Yes | No |
| Opacity | BAAQMD 6-1-303.1 | Y | Date | >Ringelmann No.2 for no more than 3 minutes in any hour | Citation | N N | Туре | х | |
| Opacity | SIP Regulation 6-303.1 | Υ | | >Ringelmann No.2 for no more than 3 minutes in any hour | | N | | х | |
| FP | BAAQMD 6-1-310 | Υ | | 0.15 gr/dscf Particulate Weight Limitation | | N | | X | |
| FP | SIP Regulation 6-310 | Υ | | 0.15 gr/dscf | | N | | x | |
| SO ₂ | BAAQMD 9-1-301 | N | | GLC ¹ of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours | | N | | X | |
| SO ₂ | BAAQMD 9-1-304 | Υ | | 0.5% sulfur in fuel by weight | BAAQMD Condition #23688, part 39 | P/E | Fuel certification | х | |
| Hours of operation | BAAQMD Regulation 9-8-330.1 | N | | Emergency use for an unlimited number of hours | BAAQMD Regulation 9-8-530 | Р | Records | х | |
| Hours of operation | 40 CFR Part 63, Subpart ZZZZ, 63.6640(f) (1)(ii) | Υ | | Maintenance checks and readiness testing less than 100 hr./yr. | 40 CFR Part 63, Subpart ZZZZ, 63.6655€ | Р | Records | х | |
| Hours of operation | BAAQMD Condition #23688, part 39 | N | | Reliability related activities less 50 hr./yr. | BAAQMD Condition #23688, parts 41 & 42 | C P/E | Records | х | |

Table VII – C Applicable Limits and Compliance Monitoring Requirements S-11 SIX CELL COOLING TOWER

| | | | Future | | Monitoring | Monitoring | | Comp | liance |
|------------------|---|-----------|-------------------|---|---|--|--------------------|------|--------|
| Type of Limit | Citation of Limit | FE Y/N | Effective Date | Limit | Requirement Citation | Frequency (P/C/N) | Monitoring Type | Yes | No |
| Opacity | BAAQMD 6-1-301 | Y | | >Ringelmann No.1 for no more than 3 minutes in any hour | | N | | х | |
| Opacity | SIP 6-301 | Υ | | >Ringelmann No.1 for no more than 3 minutes in any hour | | N | | х | |
| FP | BAAQMD 6-1-310 | Y | | 0.15 gr/dscf | | N | | х | |
| FP | SIP 6-310 | Y | | 0.15 gr/dscf | | N | | х | |
| FP | BAAQMD 6-1-311 | N | | 40 lb./hr. | | N | | х | |
| FP | SIP 6-311 | Y | | 40 lb./hr. | | N | | х | |
| Drift Rate | BAAQMD Condition #23688, part 46 | N | | 0.0005% (Applies to S11 only) | BAAQMD Condition #23688, part 47 | P Initial (5 th and 15 th Year if required by CPM) | Source Test | х | |
| TDS | BAAQMD condition #23688, part 46 | N | | <6,000 ppmw (Applies to S11 only) | BAAQMD condition #23688, part 46 | P/D | TDS Test | х | |
| Flow | BAAQMD condition #23688, part 47 | Y | | 90,000 gpm (Applies to S11 only) | | N | | х | |