

DOCKETED

| | |
|-------------------------|---|
| Docket Number: | 81-AFC-03C |
| Project Title: | NCPA Geothermal Project No. 3 - Compliance |
| TN #: | 231914 |
| Document Title: | Monthly Emissions Summary Report 04-2019 |
| Description: | SUMMARY OF H2S EMISSIONS |
| Filer: | Anthony Edward Allegra |
| Organization: | Northern California Power Agency - Geothermal Project |
| Submitter Role: | Public Agency |
| Submission Date: | 2/3/2020 2:05:27 PM |
| Docketed Date: | 2/3/2020 |

NORTHERN CALIFORNIA POWER AGENCY

SUMMARY OF H2S EMISSIONS

Month: April

Year: 2019

| UNIT NUMBER | EMISSION LIMIT | DATE | SOURCE TEST RESULTS | REMARKS |
|--------------------|-----------------------|-------------|----------------------------|---|
| 1 | 5.0 lbs/hr | 04/17/2019 | 0.41 lbs/hr | Fe Feedrate: 7 lbs/hr H2O2 Feedrate: 0 lbs/hr Sweet Gas H2S: 1 ppm Fe in Circ. Wtr.: 1.92 ppm |
| 2 | 5.0 lbs/hr | | lbs/hr | Fe Feedrate: lbs/hr H2O2 Feedrate: 0 lbs/hr Sweet Gas H2S: ppm Fe in Circ. Wtr.: ppm |
| 4 | 5.5 lbs/hr | 04/18/2019 | 0.27 lbs/hr | Fe Feedrate: 11.0 lbs/hr H2O2 Feedrate: 0 lbs/hr Sweet Gas H2S: 0.2 ppm Fe in Circ. Wtr.: 1.19 ppm |

Notes/Comments: Unit 2 out-of-service 4/1/19 thru 4/30/19 for scheduled outage. Plant 1 (Unit 1 and Unit 2) out-of-service 4/21/19 thru 4/30/19 for scheduled dual-unit outage.

Unit 4 (Plant 2) out-of-service 4/1/19 thru 4/5/19 for scheduled PG&E line outage.

Hours in Month: 720

*Hours Houston Atlas On-Line:

Plant 1

Plant 2

487

612

*Note: Calibration hours are considered on-line hours.