

DOCKETED

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Project Title:	NCPA Geothermal Project No. 3 - Compliance
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Description:	Annual Compliance Report prepared for the Northern California Power Agency's Geothermal Project No. 2.
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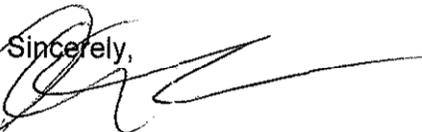
January 27, 2020

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Subject: Northern California Power Agency's Geothermal Project No. 2, Docket No. 81-AFC-3

Dear Anwar Ali,

Enclosed is the Annual Compliance Report prepared for the Northern California Power Agency's Geothermal Project No. 2. This report is being submitted in accordance with the Energy Commission COM-7 reporting requirements and summarizes the primary compliance activities during the previous year.

Sincerely,


Anthony Allegra
Compliance Manager
Northern California Power Agency

**Northern California Power Agency's Geothermal Project No. 2
Annual Compliance Report January 1-December 31, 2019**

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Compliance Plan

Condition	Verification	Status	Notes
<i>Air Quality</i>			
1-1	NCPA shall summarize in an annual compliance report to the CEC any interaction with the NSCAPCD. NCPA shall immediately inform the CEC and ARB in writing of any formal appeals filed with the NSCAPCD.	On-going	This report satisfies this requirement for year 2019
1-2	NCPA shall provide the CEC with copies of all reports submitted to the NSCAPCD and copies of all notices received from NSCAPCD.	On-going	This report satisfies this condition. No NOV's received in 2019
1-3	NCPA shall file a copy of the written approval from the NSCAPCD with the CEC prior to beginning construction of any alternative H2S emissions abatement system.	On-going	No new construction of the H2S emissions abatement system occurred in 2019
1-4	If requested, NCPA shall submit such drawings to the CEC at least 30 days prior to commencing construction of the system.	On-going	Not applicable for 2019
1-7	If NCPA participates in GAMP, NCPA shall notify the CEC. If NCPA does not participate in GAMP, NCPA shall submit to the NSCAPCD, LCAPCD, ARB, and CEC for their review, a detailed H2S ambient monitoring plan at least 60 days before the monitoring begins.	On-going	NCPA participated in GAMP during the reporting year
<i>Public Health</i>			
2-5	NCPA shall submit the report (quarterly analysis of ammonia, arsenic, mercury, silica and boron in the steam from wells which were completed during the quarter)	On-going	No wells completed in 2019
<i>Socioeconomics/Land Use/Transportation/Aesthetics</i>			
3-1	NCPA shall annually submit a letter that the Ridge Road maintenance contract is in force.	On-going	Attachment 3
<i>Water Quality, Hydrology, and Water Resources</i>			
6-6	Each July 1 st , NCPA shall file a summary report of its on-site/off-site spills, with the CEC and the NCRWQCB.	On-going	No spills to report for 2019
<i>Solid Waste Management</i>			
11-1	NCPA shall keep a letter on file verifying that hazardous waste haulers have valid CDOHS certificates of registration.	On-going	Letter on file

Compliance Plan

11-2	NCPA shall each month submit completed hazardous waste manifests to CDOHS in compliance with Section 66475 of Title 22, CAC.	On-going	Completed
11-3	NCPA shall notify the CEC, CDOHS, and Solid Waste Management Board of the selected hazardous waste disposal site. Any notice of change in disposal sites will be submitted as changes occur.	On-going	No changes occurred during reporting period
11-4	NCPA shall notify the CEC if it files an in-lieu application with the CDOHS for the operation of a hazardous waste facility.	On-going	Not applicable in 2019
11-8	Within 10 days of notification of an impending enforcement action against NCPA, the waste hauler, or the disposal site operator, NCPA shall notify the CEC.	On-going	No enforcement action occurred during the reporting year
<i>Safety</i>			
12-16	NCPA shall note any CAL/DOSH inspections in its periodic compliance reports.	On-going	No inspections occurred during the reporting year
<i>Transmission Line Safety and Nuisance</i>			
13-4	NCPA shall maintain a record of complaints regarding induced currents. These records shall be made available to authorized CEC staff upon request.	On-going	No complaints received during the reporting period
13-6	NCPA shall maintain records of CAL/DOHS inspections of worker safety during operation of the transmission line, and shall make them available to authorized CEC staff upon request.	On-going	No inspections occurred during the reporting period
13-7	NCPA shall maintain records of complaints and corrective action of radio and television interference attributed to the transmission line facilities, and shall make these records available to authorized CEC staff upon request.	On-going	No complaints received during the reporting period
13-8	Within 30 days of an injury or fatality, NCPA shall file a report the CEC.	On-going	No reportable injuries or fatalities occurred during the reporting period
<i>Power Plant Efficiency</i>			
17-1	NCPA shall submit an Annual Operating Report to the Commission within 30 days of preparation.	On-going	Attachment 1

Attachment 1

2019 Annual Operating Report

Average annual mass-flow rate of inlet steam	733,237.9 lbs/hour
Average steam temperature and pressure	46 psia @ 325°F
Average annual power plant auxiliary usage in megawatts	3.0
Average annual power plant output at the bus bar in megawatts	46.54
Annual capacity factor	41.17% (based on a maximum capacity rating of 110 MW)
Average annual power plant auxiliary steam flow	9,600 lbs/hour
Average annual turbine first stage pressure	45 psia

Attachment 2

Title V Reports

