

DOCKETED

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Project Title:	Compliance - Application for Certification of PG&E Geysers Unit 18
TN #:	248046
Document Title:	November 2022 Monthly Recommissioning Report for Geysers Power Company, LLC Socrates Unit 18 Facility
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December 13, 2022

E-Filed

John Heiser
Keith Winstead
Compliance Project Managers
Siting, Transmission and Environmental Protection (STEP) Division
California Energy Commission
715 P Street
Sacramento, CA 95814
E-Mail: John.Heiser@energy.ca.gov and Kieth.Winstead@energy.ca.gov

RE: November 2022 Monthly Recommissioning Report for Geysers Power Company, LLC plants: Sonoma, Unit 3 (80-AFC-01C); Quicksilver, Unit 16 (79-AFC-05C); Lake View, Unit 17 (79-AFC-01C); Socrates, Unit 18, (79-AFC-03C); Calistoga, Unit 19 (81-AFC-01C); and Grant, Unit 20 (82-AFC-01C)

Dear Mr. Heiser and Mr. Winstead:

Consistent with COM-4, and as part of Geysers Power Company's ("GPC") ongoing efforts to keep the Energy Commission informed of fire system recommissioning at the Geysers geothermal power plants, GPC is providing the report summarizing the November 2022 recommissioning activities at the above listed projects. This monthly report covers recommissioning activities during the period of November 1 through December 13, 2022. This is the final monthly report as there are no remaining recommissioning tasks, and GPC has received the Commission's final approval for the recommissioning project.

Please let us know if you have any questions regarding this report.

Sincerely,

/s/

Chase K. Maxwell
E-Mail: ckm@eslawfirm.com

Attachment: GPC November 2022 Monthly Recommissioning Report

Geysers Power Company, LLC

Unit 3 (80-AFC-01C) Unit 18 (79-AFC-03C)
Unit 16 (79-AFC-05C) Unit 19 (81-AFC-01C)
Unit 17 (79-AFC-01C) Unit 20 (82-AFC-01C)

Recommissioning Activity Report for November 2022

Submitted December 13, 2022

Pursuant to COM-4, and as part of Geysers Power Company's ("GPC") ongoing efforts to keep the California Energy Commission ("CEC" or "Commission") informed of fire system recommissioning activities at the Geysers, GPC is providing this final report summarizing the recommissioning activities at the following geothermal plants: Sonoma, Unit 3 (80-AFC-01C); Quicksilver, Unit 16 (79-AFC-05C); Lake View, Unit 17 (79-AFC-01C); Socrates, Unit 18, (79-AFC-03C); Calistoga, Unit 19 (81-AFC-01C); and Grant, Unit 20 (82-AFC-01C). These geothermal plants are collectively referred to herein as "the Geysers." This report covers recommissioning activities from November 1, 2022 through the date of this letter.

1. Fire Protection Project Status

In the month of November 2022, the Fire Protection System Recommissioning project at the Geysers was inactive while the GPC awaited Commission review and final approval of the Basis of Design Narratives ("BOD") and Recommissioning ("ReCx") Plans submitted for the six Geysers geothermal plants. On December 6, 2022, GPC received the attached letter providing "approval and notice of completion of the Basis of Design (BOD) and recommissioning plans for each of the six plants...." This letter finds that the recommissioning of the fire systems at the Geysers is complete and that the plants comply with the code. With this letter, the Fire Protection System Recommissioning project at the Geysers is complete and closed.

2. Items Completed During the Month

In November 2022, GPC submitted the October 2022 monthly recommissioning report and the Inspection, Testing, and Maintenance ("ITM") reports for the third quarter of 2022, along with the required accompanying materials.

3. Schedule of Items to be Completed

There is no outstanding, onsite work associated with the recommissioning of the fire protection systems. All outstanding BODs/ReCx Plans revisions were submitted in October, and CEC review and approval of the fire protection system design documents is attached.

4. Construction Submittals Pending Approval

There are no construction submittals pending approval.

5. Listing of Complaints, Notices of Violations, Official Warnings and Citations

No complaints, notices of violation, official warnings, or citations were received during the reporting period.

6. Documents Required by Specific Conditions (If Any) to be Submitted Along with Each Report

No documents were required to be submitted with this recommissioning report.

7. List of Conditions/LORS That Have Been Satisfied During the Reporting Period

On November 10, 2022, GPC submitted the monthly recommissioning report for October 2022 consistent with condition of certification COM-4.

On November 4, 2022 GPC submitted all ITM reports for the third quarter of 2022 and the associated materials required by conditions FIRE PROTECTION-3, -4, and -5.

8. Listing of the Month's Additions to the On-site Compliance File

Items currently in the Compliance File:

- Basis of Design Document for Unit 3.
- Basis of Design Document for Unit 16.
- Basis of Design Document for Unit 17.
- Basis of Design Document for Unit 18.
- Basis of Design Document for Unit 19.
- Basis of Design Document for Unit 20.

Attachment:

**GEYSERS GEOTHERMAL FACILITIES FIRE PROTECTION SYSTEM
RECOMMISSIONING:**

- SONOMA (SMUD GEO1) UNIT 3, 80-AFC-01C**
- QUICKSILVER UNIT 16, 79-AFC-05C**
- LAKE VIEW UNIT 17, 79-AFC-01C**
- SOCRATES UNIT 18, 79-AFC-03C**
- CALISTOGA UNIT 19, 81-AFC-01C**
- GRANT UNIT 20, 82-AFC-1C**

CEC SETTLEMENT AGREEMENT, FINAL APPROVAL



December 5, 2022

Barbara McBride
Director, Strategic Origination
Calpine Corporation
3003 Oak Road, Suite 400
Walnut Creek, California 94597

**GEYSERS GEOTHERMAL FACILITIES FIRE PROTECTION SYSTEM
RECOMMISSIONING:**

- SONOMA (SMUD GEO1) UNIT 3, 80-AFC-01C**
- QUICKSILVER UNIT 16, 79-AFC-05C**
- LAKE VIEW UNIT 17, 79-AFC-01C**
- SOCRATES UNIT 18, 79-AFC-03C**
- CALISTOGA UNIT 19, 81-AFC-01C**
- GRANT UNIT 20, 82-AFC-1C**

CEC SETTLEMENT AGREEMENT, FINAL APPROVAL

Dear Barbara:

On April 17, 2018, California Energy Commission (CEC) staff issued a Compliance Advice Letter informing Calpine that the Geysers were under investigation for potential fire safety violations. Calpine personnel worked collaboratively with the CEC to recommission the fire protection systems at each of the six facilities. The recommissioning of the fire systems is complete, and the plants comply with code.

As set forth in section IV (1) of the Settlement Agreement (Agreement), executed on December 15, 2020, this letter shall serve as the approval and notice of completion of the Basis of Design (BOD) and recommissioning plans for each of the six plants noted above.

Certificates of completion issued by NV5, the project's delegate chief building official, for physical improvements/repairs implemented at the six Geysers facilities, were received by the CEC in August 2022.

The Agreement, in addition to this letter and the certificates of completion, settle all regulatory and legal matters addressed in the BODs and the final fire

protection system recommissioning of the Geysers Facilities, effective as of the date of this letter, December 5, 2022.

As further outlined in the Agreement, supplementing the Final Decisions and Compliance Monitoring Plans for each plant, new Conditions of Certification GEN-1, COM 1-11, Fire Protection Conditions 1-5, and Fire Prevention Condition 1, shall be in full force and effect during plant operations going forward.

If you have any questions or concerns, please contact Eric Veerkamp, Project Manager, of my staff, at (916) 661-8458 or at Eric.Veerkamp@energy.ca.gov.

Sincerely,

A handwritten signature in cursive script that reads "Elizabeth Huber".

Elizabeth Huber
Director, Siting, Transmission and
Environmental
Protection Division

CC: Drew Bohan, Executive Director CEC
Linda Barrera, Chief Counsel CEC
Mary Dyas, Compliance Monitoring and Enforcement Supervisor
Jeron Bergin, Environmental Health and Safety, Director Geysers Power, LLC
Saima Baig, Environmental Health and Safety, Mgr. GPC