

Kaweah Project

FERC Project No. 298

Stakeholder Meeting

September 10, 2019

Agenda

- Welcome and Introductions
- Meeting Objectives
- Project Overview
- Relicensing Process Overview
- Draft License Application (DLA)
- Next Steps
- Questions
- Adjourn

Meeting Objectives

- Present overview of the Kaweah Project
- Identify next steps in the relicensing process
- Review contents of the DLA

Project Overview

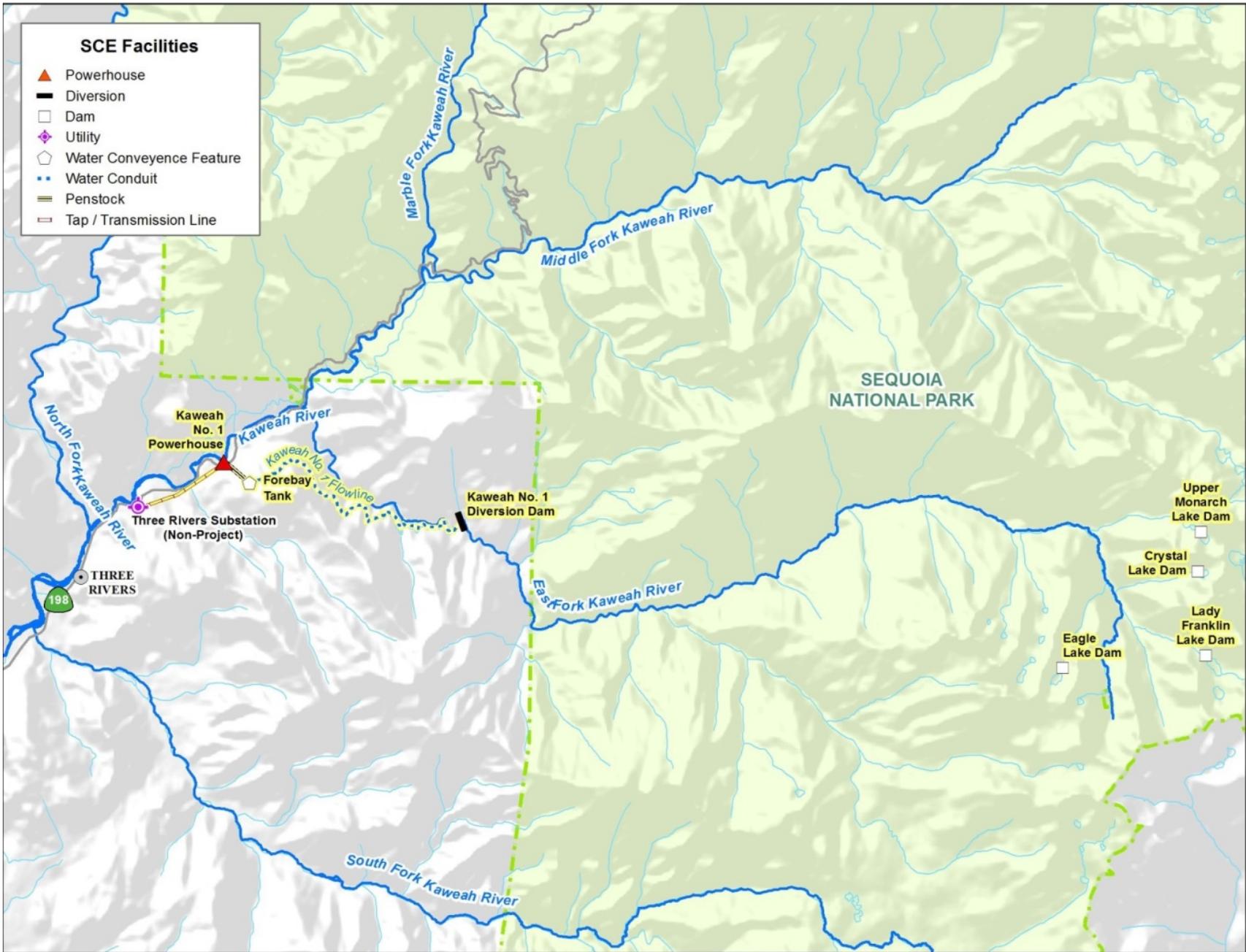
- Jurisdiction
 - Federal Energy Regulatory Commission (FERC) – Kaweah Project (FERC Project No. 298)
 - Sequoia National Park – Kaweah Project on Sequoia premises

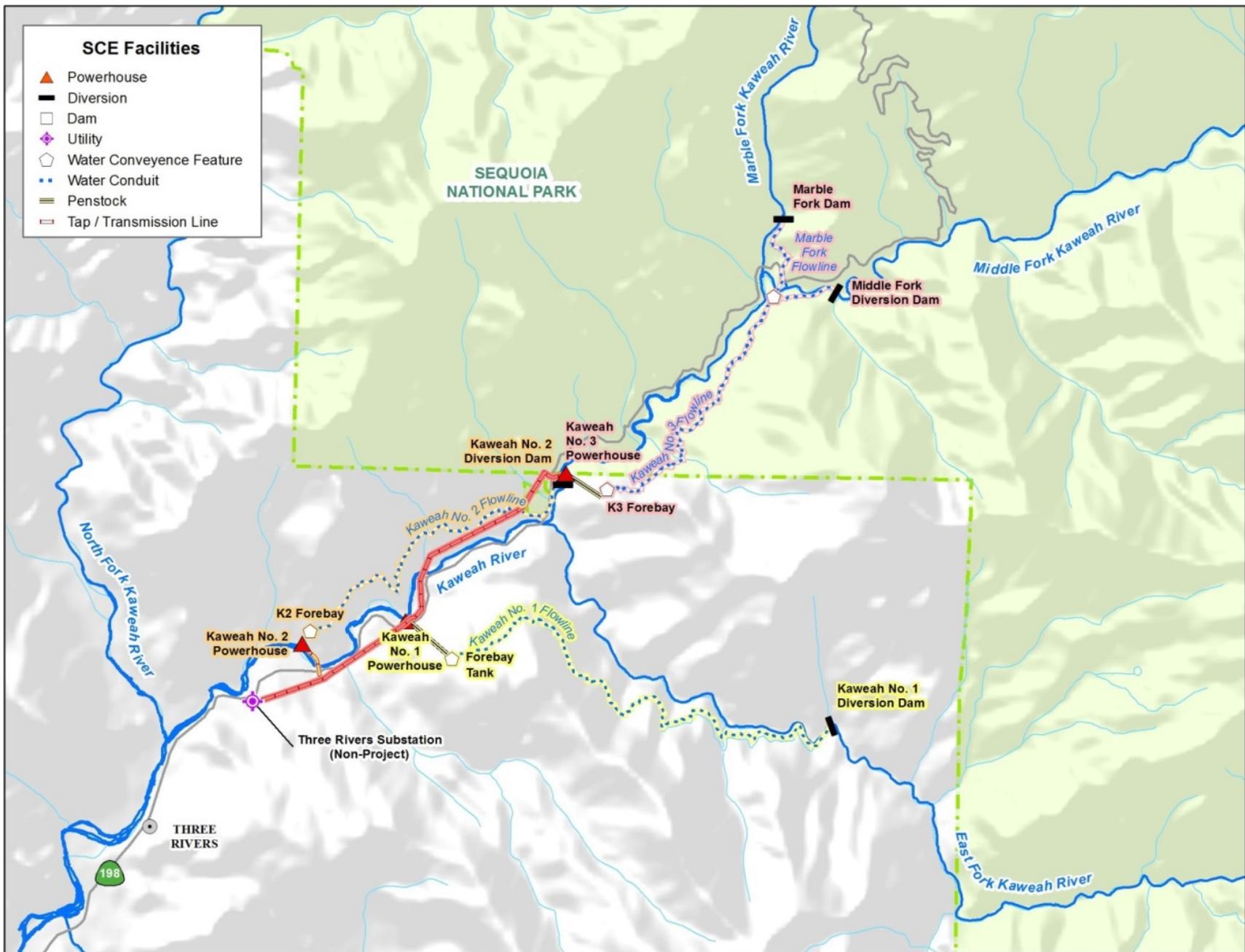


Middle Fork Kaweah River
Kaweah No. 3 Flume

Kaweah No. 3 Powerhouse/Switchyard

Kaweah No. 2 Diversion Dam and Intake





Project Overview

- FERC Project Developments
 - Current license expires December 31, 2021
 - Generator nameplate capacity of 8.85 MW
 - Located in Tulare County (Bureau of Land Management and private land)
 - Project elements
 - Portions of Kaweah No. 1 Development
 - Kaweah No. 2 Development
 - Portions of Kaweah No. 3 Development

Project Overview

- Non-FERC Developments
 - Located in Sequoia National Park
 - Operated under Special Use Permit (SUP)
 - SUP expires September 8, 2026
 - No generating facilities
 - Project elements
 - Portions of Kaweah No. 1 Development (Mineral King Dams)
 - Portions of Kaweah No. 3 Development (Marble Fork and Middle Fork Diversions)

Relicensing Process Overview

Relicensing Milestone	Date
NOI/PAD	Dec 14, 2016
Study Plan Development	
- Proposed Study Plan	May 24, 2017
- Revised Study Plan	Sept 19, 2017
- FERC Study Plan Determination	Oct 24, 2017
Study Implementation	
- First Year / Second Year Studies	2018 / 2019
- Initial Study Report / Meeting	Oct 18 / Nov 1, 2018
- Updated Study Report	Oct 24, 2019
- Updated Study Report Meeting	Nov 6, 2019
- Updated Study Report Meeting Summary	Nov 23, 2019
- Disputes / Requests to Amend Study Plan Due	Dec 23, 2019
Application for New License	
- Draft License Application	Jul 26, 2019
- Comments due on Draft License Application	Nov 1, 2019
- Final License Application	Dec 31, 2019

Relicensing Process Overview

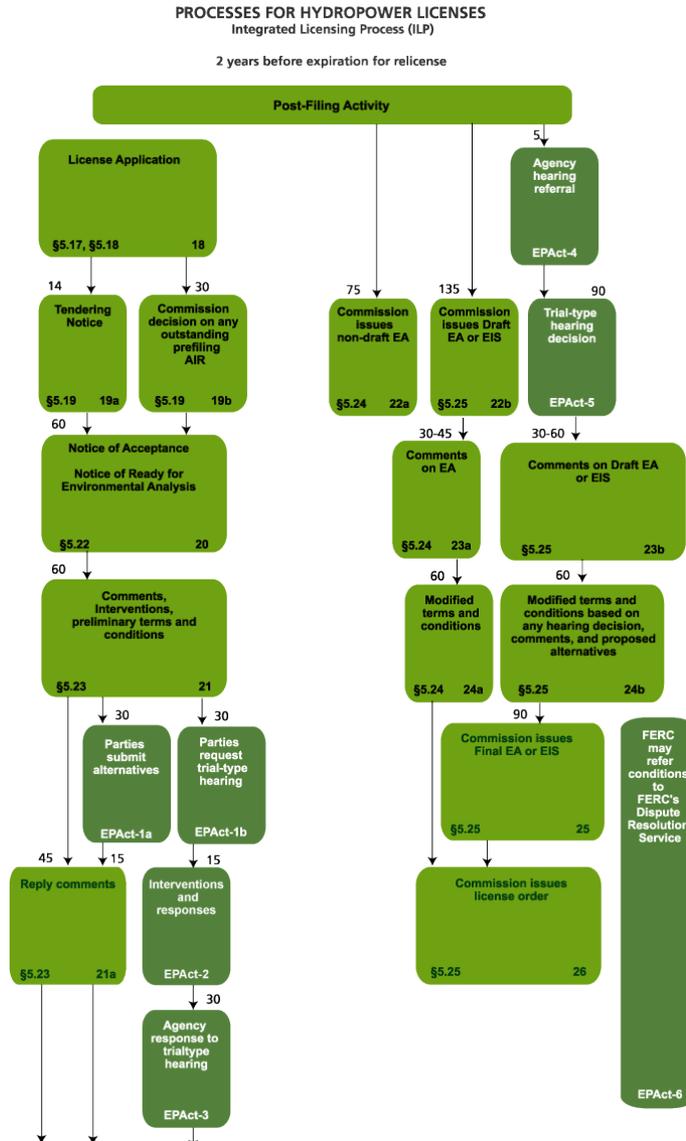
Integrated Licensing Process Steps



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Relicensing Process Overview

Post-Filing Activities



§5.23(b) Water Quality Certification

License applicant must file a request for Water Quality Certification under Section 401(a)(1) of the Clean Water Act no later than 60 days following the date of issuance of the notice of acceptance and ready for environmental analysis.

FR Vol. 84, No. 163 EPA Proposed Rule, August 22, 2019

A certifying authority is deemed to have waived the certification requirements of Section 401(a)(1) if the certifying authority fails or refuses to act, within one year after the date the written request for certification was received.

Draft License Application

Volume 1 (Public)

Exhibit A: Description of Project

Exhibit B: Project Operation and Resource Utilization

Exhibit C: Construction History

Exhibit D: Statement of Cost and Financing

Exhibit G: Project Maps

Exhibit H: General Information

Volume 2 (CEII)

Exhibit F: Design Drawings

Volume 3 (Public)

Exhibit E: Environmental Exhibit

SD A: Technical Study Reports

Volume 4 (Privileged)

Biological Information

Volume 5 (Privileged)

Cultural Information

Draft License Application

- Proposed Action
 - Project continues to operate in run-of-river mode
 - No new facilities
 - Includes:
 - FERC boundary modifications
 - Facility enhancements at the Kaweah No. 2 Powerhouse River Access Parking Area
 - Additional Project maintenance activities
 - Modification to Project operations
 - New environmental measures, management and monitoring plans, and programs

Draft License Application

- FERC boundary will be modified under the Proposed Action to:
 - Include all lands necessary for operation and maintenance of the Project
 - Remove lands no longer necessary for operation and maintenance of the Project
 - Correct known errors in the current Exhibit G

Draft License Application

- The following facility enhancements at the Kaweah No. 2 Powerhouse River Access Parking Area will occur under the Proposed Action
 - Installation of a trash receptacle and Porta-Potty
 - Within footprint of existing parking area

Draft License Application

- Under the Proposed Action, routine inspection and maintenance activities will be expanded to include:
 - Additional agency consultation
 - Maintenance of the new trash receptacle and Porta-Potty
 - Additional measures to:
 - Protect special-status wildlife and plants
 - Reduce the spread or introduction of noxious weeds

Draft License Application

- Project operations are modified under the Proposed Action as follows:
 - Minimum instream flow increased in select months and water years to enhance habitat for aquatic species and better simulate a more natural hydrograph
 - Ramping rates will be modified to provide for flexibility in operation of Project powerhouses
 - As a result, overall Project generation reduced by 6% at the Kaweah No. 1 Powerhouse and 0.8% at the Kaweah No. 2 Powerhouse

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- New environmental measures, management and monitoring plans, and programs
 - Aquatic Resources
 - Instream Flow Measures (modified)
 - Stream Gaging Monitoring Plan (modified)
 - Sediment Management and Erosion Control Plan (ongoing)
 - Fish Population Monitoring Plan (new)
 - Entrainment Study Measure (new)
 - Water Temperature Monitoring Plan (new)
 - Water Quality Monitoring Plan (new)

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- New environmental measures, management and monitoring plans, and programs (continued)
 - Cultural Resources
 - Historic Properties Management Plan [To be provided in the Final License Application] (modified)
 - Land Resources
 - Project Road and Trail Management Plan (modified)
 - Recreation Resources
 - Recreation Enhancement Measures (new)

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- New environmental measures, management and monitoring plans, and programs (continued)
 - Terrestrial Resources
 - Special-Status Bat Protection Measure (ongoing)
 - Vegetation and Integrated Pest Management Plan (modified)
 - Special-Status Plant Protection and Monitoring Plan (new)
 - Avian Mortality Monitoring Plan (ongoing)
 - Wildlife Mortality Monitoring Plan (ongoing)
 - Transmission, Power, and Communication Line Maintenance Measure (ongoing)
 - Environmental Programs
 - Environmental Training Program (ongoing)

Draft License Application

- Supporting Document A (SD A) includes TSRs completed for the Project
- Seventeen TSRs approved by FERC in October 2017
 - Ten TSRs distributed to stakeholders prior to DLA
 - Six distributed with DLA
 - One outstanding
- Comments received on the 10 TSRs distributed prior to DLA are addressed in introduction to SD A, Table SD A-2
- Comments received during DLA review period will be addressed in FLA

Draft License Application

- Public portions available for review here:
 - www.sce.com/kaweah
 - www.ferc.gov/docs-filing/elibrary.asp
 - Kaweah Hydro Headquarters Office (by appointment)
44511 Sierra Drive
Three Rivers, CA 93271
 - Three Rivers Branch Library
42052 Eggers Drive
Three Rivers, CA 93271

Draft License Application

- Comments due November 1, 2019
- File comments with FERC electronically:
www.ferc.gov/docs-filing/ecomment.asp
- File comments with FERC via regular mail:
Kimberly D. Bose, Secretary
Nathaniel J. Davis, Sr., Deputy Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

Next Steps

Upcoming Milestone	Responsible Party	Date
Study Implementation		
- Updated Study Report	SCE	Oct 24, 2019
- Updated Study Report Meeting	SCE	Nov 6, 2019
- Updated Study Report Meeting Summary	SCE	Nov 23, 2019
- Disputes / Requests to Amend Study Plan Due	Stakeholders	Dec 23, 2019
Application for New License		
- Comments due on Draft License Application	Stakeholders	Nov 1, 2019
- Final License Application	SCE	Dec 31, 2019
Begin Post-Filing Activities	FERC	2020 / 2021

Key Contacts

Name	Role/Resource	E-mail	Phone
Southern California Edison Company			
David Moore	Project Manager	david.moore@sce.com	626-302-9494
Cardno, Inc.			
Ed Bianchi	Project Director	ed.bianchi@cardno.com	916-386-3817
Julie Smith	Project Manager	julie.smith@cardno.com	661-714-5953
Craig Addley	Aquatics/Hydrology	craig.addley@cardno.com	916-386-3827
Sandra Perry	Land	sandra.perry@cardno.com	916-386-3822
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David Martinez	Recreation	david.martinez@cardno.com	916-386-3842
Janelle Nolan & Associates Environmental Consulting			
Janelle Nolan	Terrestrial	janelle@jna-consulting.com	530-277-4582

SCE Relicensing website: www.sce.com/kaweah

Key Contacts

Name	Role/Resource	E-mail	Phone
Federal Energy Regulatory Commission			
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Register online to be notified via email of new filings and issuances related to the Kaweah Project

www.ferc.gov/esubscribenow.htm

Access documents filed related to the Kaweah Project

www.ferc.gov/docs-filing/elibrary.asp

File comments related to the Kaweah Project

www.ferc.gov/docs-filing/ecomment.asp

Adjourn

