

Wayne P. Allen Principal Manager Regulatory Support Services

Filed Electronically

November 20, 2019

Kimberly D. Bose, Secretary Federal Energy Regulatory Commission 888 First Street, NE Washington, DC 20426

Subject: Kaweah Project (FERC Project No. 298) 2019 Updated Study Report Meeting Summary

Dear Secretary Bose:

This report provides a summary of Southern California Edison Company's (SCE) 2019 Updated Study Report Meeting for the Kaweah Project (Project). The meeting was conducted on November 6, 2019 at the Wyndham Visalia, Maple Room, 9000 W. Airport Drive, Visalia, California.

During the meeting, SCE provided an overview of the progress made on implementing the Federal Energy Regulatory Commission (FERC or Commission) approved Technical Study Plans (TSP) associated with the relicensing of the Project. During the meeting, SCE described the status of each study, including whether it is complete, has outstanding elements or variances, or is ongoing. Attachment A provides a summary of the meeting discussion as well as follow-up actions. Attachment B includes the PowerPoint presentation and meeting sign-in sheet. The following summarizes the meeting discussion.

Meeting Overview

SCE began the meeting by providing an overview of the relicensing process to date, including major Project filings that have occurred.

SCE then described technical study implementation progress over the past year (October 1, 2018 to September 30, 2019). The majority of data collection was completed in 2018. Data collection efforts in 2019 included: (1) collection of water temperature data at tributary inflows and in deep pools to identify potential availability of water temperature refugia for trout (AQ 4 – Water Temperature TSP); and (2) sampling for fish entrainment in the Kaweah No. 2 and No. 3 flowlines (Revised AQ 9 – Entrainment TSP).

During the meeting, SCE presented to stakeholders an overview of the Updated Study Report filed with the Commission on October 23, 2019. SCE provided a summary of when Technical Study Reports (TSR) were distributed for stakeholder review. SCE also described the status of each study including whether they are complete, have outstanding elements or variances, or are ongoing. SCE provided explanation for those studies that are not complete and the approach for completing them.

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Finally, SCE reviewed key dates and next steps related to the 2019 Updated Study Report. This information is provided in Attachment B (PowerPoint presentation used during the meeting).

Neither SCE nor any meeting participant proposed new studies for the Kaweah Project relicensing.

Action Items

The Commission suggested that SCE meet with the Aquatic Technical Working Group (TWG) prior to December 23, 2019 (deadline for filing comments on this meeting summary) to discuss potential options for completion of the AQ 9 – Entrainment TSP. SCE will conduct an Aquatic TWG WebEx meeting on December 3, 2019 to attempt to obtain censuses on the disposition and timing of completion of the AQ 9 – Entrainment TSP. Recommendations by SCE and stakeholders would be filed with the Commission by December 23, 2019. Meeting details are as follows:

Date:	December 3, 2019
Time:	1:00 – 3:00 pm
Location:	https://cardno.zoom.us/j/529935364
Phone:	Call-in Number: (669) 900-6833 or (646) 876-9923 Meeting ID: 529 935 364

Next Steps

SCE distributed this meeting summary to the stakeholders identified on Attachments C at the same time that it was filed with the FERC. Attachment D includes a Certificate of Service. Any stakeholder or the Commission staff may file comments on SCE's meeting summary on or before December 23, 2019, as identified in the process schedule contained in Appendix B of the Commission's Scoping Document 2.¹ Comments should identify any disagreements and any modification to ongoing studies, or new studies proposed.

The 2019 Updated Study Report and other Kaweah Project relicensing documents can be obtained from the FERC's website at <u>http://www.ferc.gov/docs-filing/elibrary.asp</u> or SCE's Kaweah Project relicensing website at <u>http://sce.com/kaweah</u>.

¹ FERC, Scoping Document 2 for the Kaweah Hydroelectric Project, Appendix B – Kaweah Project Process Plan and Schedule. FERC Accession Number 20170518-3018. May 18, 2017.

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SCE looks forward to working with the Commission and interested parties as the relicensing of the Kaweah Project proceeds. If you have any questions regarding this filing please contact David Moore, SCE Project Manager, by phone at (626) 302-9494 or via e-mail at <u>david.moore@sce.com</u>.

Sincerely,

Wayne Allen

Wayne P. Allen Principal Manager

Attachments:

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- Attachment A: Kaweah Project Updated Study Report Meeting Discussion Summary
 - Attachment B: PowerPoint Presentation and Sign-in Sheet
- Attachment C: Distribution List
- Attachment D: Certificate of Service

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Attachment A

Kaweah Project Updated Study Report Meeting Discussion Summary

2019 Updated Study Report Meeting Summary – Attachment A

Attachment A. 2019 Updated Study Report Meeting Discussion Summary

Technical Study Plan	Торіс	Specific Study Element	Discussion / Question / Comment	Follow-up Discussion / Action Items	Proposed Study Plan Modification
All	New Study Requests	-	Southern California Edison (SCE) recommended that stakeholders planning to file additional study requests review the Federal Energy Regulatory Commission's (FERC) criteria to ensure that requirements are met.	-	None
AQ 2 – Fish Population AQ 3 – Macroinvertebrates AQ 7 – Special-status Amphibians and Aquatic Reptiles LAND 1 – Transportation System TERR 1 – Botanical Resources TERR 2 – Wildlife Resources	Data Distribution	Six Technical Study Plans (TSP) include a component to distribute data electronically (Excel spreadsheet) to resource agencies and interested stakeholders.	SCE committed to distributing data associated with the six TSPs concurrent with the filing of the Final License Application (FLA) to those agencies identified in the TSP and stakeholders that request the data.	Stakeholders that are not listed in the TSP as being recipients of the data and would like an electronic copy should submit a request to SCE (David Moore, <u>david.moore@sce.com</u>).	None
AQ 4 – Water Temperature	Reporting	Data distribution	SCE described that the AQ 4 – Water Temperature Study was not completed in 2018. Additional field work to collect water temperature data at tributary inflows and in deep pools to identify potential availability of water temperature refugia for trout was conducted in August 2019. Jeff Wetzel (State Water Board [SWB]) requested clarification on when the temperature data will be available.	SCE stated that a revised AQ 4 – Water Temperature TSR with the 2019 data collection methods and results will be included in the FLA. SWB will also be provided with an electronic file of the data (Excel spreadsheet) concurrent with the filing of the FLA.	None
CUL 1 – Cultural	Historic Properties Management Plan (HPMP)	_	Frank Winchell (FERC) requested that the CUL 1 – TSR be updated to reflect that an HPMP will be included in the FLA.	SCE will revise the CUL 1 – TSR as requested by Frank Winchell.	None
CUL 1 – Cultural	Stakeholder Review of Historic Properties Management Plan	_	SCE stated that the HPMP is currently being developed and will be distributed to stakeholders for review and comment prior to submittal of the FLA. If stakeholder comments are addressed prior to submittal of the FLA, Frank Winchell (FERC) stated that the HPMP should not be labeled as "Draft" but rather just "HPMP".	SCE will review the schedule for distribution of the HPMP and determine if the HPMP will be available for stakeholder review and comment for a sufficient period of time to allow it to be considered final in the FLA. Depending on when stakeholder comments are addressed, SCE will label the HPMP as appropriate in the FLA.	None
LAND 3 – Land Use	Fencing	Clear identification of Project fences maintained by SCE	Based on comments on the Draft License Application (DLA) filed by the Bureau of Land Management (BLM) regarding fencing, SCE will clarify which fences are consider project features and which are considered non-project features.	SCE will incorporate into the FLA revisions to: (1) project description (Section 3.0 – No-Action Alternative), and (2) LAND 3 – TSR to clearly identify fences which are considered by SCE to be project features versus non-project features.	None

2019 Updated Study Report Meeting Summary – Attachment A

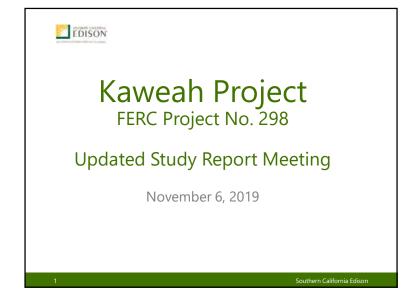
Technical Study Plan	Торіс	Specific Study Element	Discussion / Question / Comment		
			SCE identified that entrainment sampling (four sampling periods) was not completed at the Kaweah No. 2 and No. 3 flowlines due to infrastructure and environmental concerns, unsafe weather conditions, and operating constraints. The January/February and March/April sampling has not been completed in the Kaweah No. 2 and No. 3 flowlines and is currently scheduled for 2020.		
			To date, no sampling has been completed at the Kaweah No. 1 Flowline. The Kaweah No. 1 Flowline has been non-operational due to a landslide that damaged the flume in July 2018.		
			SCE indicated that the Kaweah No. 1 Flowline is scheduled to be repaired by August 2020 and that entrainment sampling in the Kaweah No. 1 Flowline will be initiated once the flowline is repaired. Considering the schedule for repairs, entrainment sampling will be completed in January–July 2021.		
			sampling at the Project flowline	Jim Hastreiter (FERC) expressed concern regarding the timing for completion of the entrainment sampling at the Project flowlines and its potential impact on issuance of the Ready for Environmental Analysis (REA).	
			Based on Jim Hastreiter's comments, potential options for completion of the entrainment study were tentatively explored by the group by specific location including:		
		The Revised AQ 9 – Entrainment TSP included sampling over four representative sampling periods (January/February, March/April,	The Revised AQ 9 – Entrainment TSP entrainment results to date and evaluate whether sufficient	Kaweah No. 2 and No. 3 flowlines	
				• Martin Ostendorf (SCE) suggested meeting with the resource agencies to review the entrainment results to date and evaluate whether sufficient information is currently available to determine project impacts and therefore the study would be deemed complete.	
	Completion of		 Jeff Wetzel (SWB) requested a memo/report be provided summarizing the methods and results for the completed entrainment sampling to facilitate the discussion. 		
AQ 9 – Entrainment	Entrainment Study	May/June, and July). Entrainment sampling is to occur at Kaweah No. 1	 Abimael León (California Department of Fish and Wildlife [CDFW]) informed the group that CDFW was interested in completion of all four seasons of sampling at the flowlines. 		
		(fyke and drift netting), Kaweah No. 2 (fyke and drift netting), and Kaweah No. 3 (drift netting only) flowlines.	• Ed Bianchi (Cardno) stated that another option would be to complete the entrainment study as proposed. Therefore, sampling would be completed January–April 2020.		
			– Jim Hastreiter (FERC) stated that this approach may delay issuance of FERC's REA.		
			Kaweah No. 1 Flowline		
				• Ed Bianchi (Cardno) stated that one option would be to complete the entrainment study as proposed once the flowline was repaired. Therefore, sampling would be completed January–July 2021.	
			– Jim Hastreiter (FERC) stated that this approach may delay issuance of FERC's REA.		
		•	• Jim Hastreiter (FERC) suggested that the parties consider whether a "desktop" study and/or sampling the river would provide sufficient information in a timely fashion to evaluate potential entrainment rather than waiting for direct sampling in the flowline.		
			 Ed Bianchi (Cardno) and Jim Hastreiter (FERC) also suggested that another option would be to identify entrainment sampling at the Kaweah No. 1 Flowline as a proposed license condition. Timing of study implementation would be identified in the new license. 		
			 Jim Hastreiter (FERC) stated that this approach would not result in delay in issuance of FERC's REA, pending consensus by the parties. 		
			It was agreed by all parties that continued dialog on discussing options for addressing the entrainment study was appropriate.		
			Jim Hastreiter (FERC) stated that requests to amend the AQ 9 – TSP must be provided by December 23, 2019. Comments on the revised TSP must be received by January 21, 2020.		

Follow-up Discussion / Action Items	Proposed Study Plan Modification
SCE will conduct an Aquatic TWG on December 3, 2019 to discuss results to date and options for completing the entrainment study. Recommendation by SCE and	
study. Recommendation by SCE and stakeholders will be filed with FERC by December 23, 2019 in the form of comments on the meeting summary.	
Meeting details are as follows:	None
Date: December 3, 2019	
Time : 1:00–3:00 pm	
Location: https://cardno.zoom.us/j/529935364	
Phone: (669) 900-6833 or (646) 876-9923	
Meeting ID: 529 935 364	

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Attachment B

PowerPoint Presentation and Sign-in Sheet



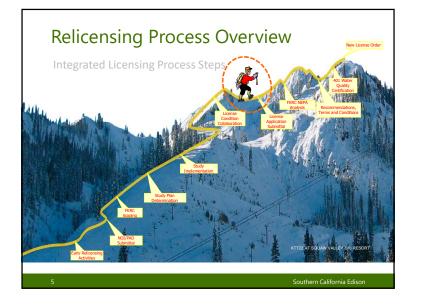
Agenda

- Welcome and introductions
- Meeting objectives
- Relicensing process overview
- Technical study implementation
- Key contacts
- Adjourn

Meeting Objectives

- Describe overall progress in implementing study plans including any:
 - Outstanding elements
 - Variances
 - Ongoing studies
 - New studies proposed by the applicant

licensing Process Ov	verview
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 23, 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
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Technical Study Implementation Data Collection

- SCE initiated technical studies in 2018
- Majority of data collection completed by Q4
 2018
- Additional data collection completed in 2019, included:
 - AQ 4 Water Temperature
 - Collected water temperature data at tributary inflows and in deep pools to identify potential availability of water temperature refugia for trout was conducted in August 2019
 - AQ 9 Entrainment
 - Directly estimated the potential for entrainment and mortality by sampling fish entrainment in the Kaweah No. 2 and No. 3 flowlines in May and July 2019

Technical Study Implementation Updated Study Report

- Updated Study Report filed Oct 23, 2019
- Documents study activities implemented between Oct 1, 2018
 and Sept 30, 2019
- Updated Study Report components:
 - Cover Letter
 - Attachment A Certificate of Service
 - Attachment B Distribution List
 - Attachment C TSR Distribution Dates
 - Attachment D TSP Implementation Summary
- Available for download here:
 - www.sce.com/kaweah
 - <u>www.ferc.gov/docs-filing/elibrary.asp</u>

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Technical Study Implementation TSR Distribution

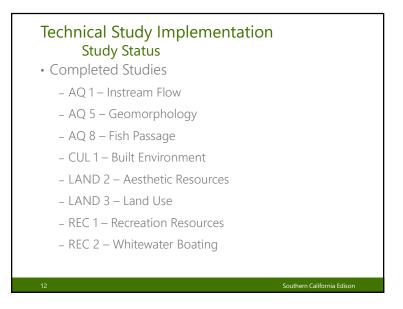
- TSRs developed for each study with exception of ongoing AQ 9 Entrainment
 - To be distributed to stakeholders following completion of study in 2020
- Most TSRs distributed to stakeholders for 90-day review period prior to DLA filing and comments addressed, as applicable
- Comments received during DLA review period will be addressed in FLA

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	Draft TSR	Revised TSR Distribution Date		
Technical Study Report'	Distribution Date	DLA: Aug 3, 2019	FLA: Dec 31, 2010	
Aquatic Resources			, ,	
AQ 1 - Instream Flow	Aug 3, 2019 (DLA)		x	
AQ 2 - Fish Population	Apr 2, 2019	X		
AQ 3 – Macroinvertebrates	Aug 3, 2019 (DLA)		x	
AQ 4 – Water Temperature	Aug 3, 2019 (DLA)		x	
AQ 5 - Geomorphology	Aug 3, 2019 (DLA)		X	
AQ 6 - Water Quality	Apr 2, 2019	X		
AQ 7 – SS Amphibians and Aquatic Reptiles	Aug 3, 2019 (DLA)		x	
AQ 8 – Fish Passage	Apr 2, 2019	X		
AQ 9 – Entrainment ²	TBD			
Cultural Resources ³				
CUL 1 – Cultural, Built Environment	Jan 22, 2019	X		
CUL 1 - Cultural, Archaeology	Jan 22, 2019	X		
CUL 1 - Cultural, Ethnography	Feb 15, 2019	x		
Land Resources				
LAND 1 – Transportation	Jan 22, 2019	X		
LAND 2 - Aesthetic Resources	Jan 22, 2019	×		
LAND 3 – Land Use	Feb 15, 2019	X		
Recreation Resources				
REC 1 – Recreation Resources	Aug 3, 2019 (DLA)		X	
REC 2 – Whitewater Boating	Jan 22, 2019	x		
Terrestrial Resources				
TERR 1 – Botanical Resources	Jan 22, 2019	X		
TERR 2 - Wildlife Resources	Jan 30, 2019	×		
For Draft TSRs included in the Draft License Application (DLA), co	motories will be addressed and the Final TSR in	cluded in the Final License Applic	witter (FLA)	

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	Complete	Outstanding Study Element			
Technical Study		Data Distribution	Reporting	Variance	Öngoing
AQ 1 - Instream Flow	•				
AQ 2 - Figh Population	1.1.1.1				
AQ 3 - Macroinvertebrates					
AQ 4 - Watar Temperature			als an arrest to		
AQ 5 - Geemorphology	1				1
AQ 6 - Water Quality					
AQ 7 - Special-status Amphibians and Aquatic Reptiles		100 e 11			
AQ 8 - Fish Pessage					
AQ 9 - Entremment	1.1.1				
CUL 1 - Built Environment	•	-			
CUL 1 - Archaeology/					
CUL 1 - Ethnography!	1				1.00
LAND 1 - Transportation					
LAND 2 - Austinutics	1.141				
LAND 3 - Land Use:			-		
REC 1 - Recreation					
REC 2 - Whitewater Boating			-		
TERR 1 - Botanical					
TERR 2 - Wildlife					



Technical Study Implementation Study Status

- Outstanding Study Element Data Distribution
 - AQ 2 Fish Population
 - AQ 3 Macroinvertebrates
 - AQ 7 Special-status Amphibians and Aquatic Reptiles
 - LAND 1 Transportation System
 - TERR 1 Botanical Resources
 - TERR 2 Wildlife Resources

Technical Study Implementation Study Status

- Outstanding Study Element Reporting
 - AQ 4 Water Temperature
 - Additional field work to collect water temperature data at tributary inflows and in deep pools to identify potential availability of water temperature refugia for trout was conducted in August 27-29, 2019
 - Results of this data collection will be incorporated into the Final TSR and effects analysis included in the FLA

Technical Study Implementation Study Status

- Outstanding Study Element Reporting
 - Tributary Water Temperature Refugia Results
 - During summer/early fall, the East Fork Kaweah was the only tributary that provided significant inflow to the Kaweah River and there were no significant tributaries to the East Fork Kaweah
 - East Fork Kaweah water temperature was 0.5°C (0.9°F) to 1.6°C (2.8°F) cooler than the Kaweah River near the confluence (Aug to Nov), but during July and August the East Fork Kaweah average water temperature was 23.4°C (74.1°F) and 22.6°C (72.7°F), which is too warm for trout
 - Deep Pool Water Temperature Refugia Results
 - Vertical temperature profiles and vertical thermograph strings detected no temperature stratification in six deep pools (4 Kaweah River, 2 East Fork Kaweah River)

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Technical Study Implementation Study Status

Variance

- AQ 6 Water Quality
 - AQ 6 TSP included approach to conduct total and fecal coliform sampling
 - Lab processed coliform samples using SWB updated total coliform and *E. Coli* recreation contact criteria approach and not fecal coliform approach outlined in TSP
 - AQ 6 TSR was modified to more explicitly identify how samples were processed and the criteria
 - While using updated criteria is a variance, the data collected indicate that there was not an issue with bacterial contamination at the study site

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Technical Study Implementation Study Status

Ongoing

- AQ 9 Entrainment
 - Field work delayed due to infrastructure and environmental concerns; unsafe weather conditions; and operating constraints
 - Work completed to date will be documented in FLA
 - TSR to be distributed following completion of sampling

Technical Study Implementation Study Status

- Ongoing
 - AQ 9 Entrainment

Location	Time Periods	Sampling Dates	Netting	Trapping
			Р	P
Kaweah No. 1 Flowline	Monitoring will be initiated once repairs are completed on Kaweah No. 1 Flowline		P	P
			Р	P
			P	P
	May/June 2019	May 2019	С	С
Kaweah No. 2 Flowline	July 2019	July 2019	С	С
	January/February 2020	TBD	P	P
	March/April 2020	TBD	P	P
	May/June 2019	May 2019	с	
Kaweah No. 3	July 2019	July 2019	С	
Flowline	January/February 2020	TBD	P	·
	March/April 2020	TBD	P	
d No. 2 flowlines t inment sampling	March/April 2020 Kawaah No 3 Flowline, the revise o approximate entrainment in Kaw based on consultation with agency to C = Complete, P = Peridag	it study plan proposes to use en eah.No. 3 Flowine. The revised	trainment monitorin	; in the Kaweah No

Technical Study Implementation Study Status

Ongoing

– AQ 9 – Entrainment Results

	Results		
Sampling Type			
Drift Netting	Fyke Trapping		
0	1 (juvenile pikeminnow)		
0	0		
0			
0	-		
	e entrainment monitoring in the		
	Drift Netting 0 0 0 0		

Technical Study Implementation Study Status

Ongoing

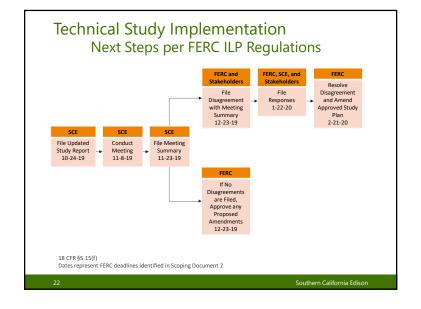
- CUL 1 Archaeology and Ethnography
 - Preparation of National Register of Historic Places (NRHP) Evaluation Plan is ongoing (TSP element)
 - Preparation of a Historic Properties Management Plan (HPMP) is ongoing (FERC requested, non-TSP element)
 - Prior to FLA, documents will be distributed to stakeholders for review and comment
 - Draft HPMP and NRHP Evaluation Plan included in FLA

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Technical Study Implementation New Studies

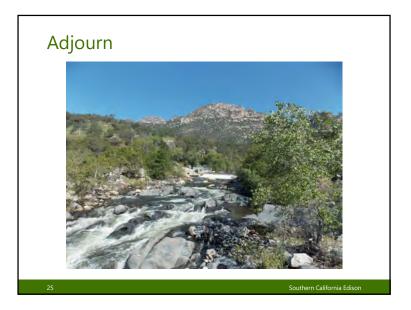
• No new studies are proposed by SCE





Role/Resource	E-mail	Phone
dison		
Project Manager	david.moore@sce.com	626-302-9494
Project Director	ed.bianchi@cardno.com	916-386-3817
Project Manager	julie.smith@cardno.com	661-714-5953
Aquatics/Hydrology	craig.addley@cardno.com	916-386-3827
Land	sandra.perry@cardno.com	916-386-3822
Cultural	polly.allen@cardno.com	530-615-8909
Recreation	david.martinez@cardno.com	916-386-3842
ciates Environmental C	Consulting	
Terrestrial	janelle@jna-consulting.com	530-277-4582
	Project Director Project Manager Aquatics/Hydrology Land Cultural Recreation Ciates Environmental C	Project Manager david.moore@sce.com Project Director ed.bianchi@cardno.com Project Manager julie.smith@cardno.com Aquatics/Hydrology craig.addley@cardno.com Land sandra.perry@cardno.com Cultural polly.allen@cardno.com Recreation david.martinez@cardno.com

Name		Role/Resource	E-mail	Phone		
Federal Energy Regulatory Commission						
Jim Hastre	eiter	Project Coordinator	james.hastreiter@ferc.gov	503-552-2760		
	Register online to be notified via email of new filings and issuances related to the Kaweah Project www.ferc.gov/esubscribenow.htm					
	Ac	cess documents filed r	elated to the Kaweah Projec	t		
	www.ferc.gov/docs-filing/elibrary.asp					





Kaweah Project (FERC Project No. 298) **Updated Study Report Meeting**

Date: November 6, 2019

Location: Wyndham Visalia, Maple Room, 9000 W. Airport Dr., Visalia, CA 93277

Subject: Kaweah Project - Updated Study Report Meeting

Name	Organization	Address	Phone Number	Email Address
Ed BiANCHI	CARDNO	SACMAMENTO, CA	916-386-3817	edward. bi
Abimael León	CDFW	1130 E. Shaw Ave. Fresho, CA 9371D	559-243-4014	Abimael. Leon
David Moore	SCE	Rosemead, CA	626-999-610	1 david.
Wes Anderson	Senator Shannon Grove	5701 Truxton Ave. Bakers field, CA	(559) 567-6692	. wes, ande
Mantin Ostendont	SCE	Rosemend, CA	539-893-2033	mantin. o
On conference p Rebecca Kipp, F Evan Williams, F Frank Winchell, I James Hastreite Jeff Wetzel, SWI Allen Lockyear, S Allison Lipscomb Christina Castell Jeremy Caldwell Steve Bose, NPS Janelle Nolan, JI Chase Hildeburn	hone: ERC ERC FERC 5, FERC 3 SWB 5, BLM 5, BLM 5, BLM 5, BLM 5, BLM 5, BLM 5, BLM 5, BLM 5, BLM			

on @ wildlife. ca.gou Moorel Sce.com lerson@sen.ca.gov ostendont @ Sce.com

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Attachment C

Distribution List

Attachment C. Distribution List

Organization	Name	Street Address	City, State, Zip	Email			
Federal Government/Representatives							
Federal Energy Regulatory Commission	Kimberly D. Bose, Secretary	888 First Street, N.E.	Washington, DC 20426				
Federal Energy Regulatory Commission	Frank Winchell	888 First Street, N.E.	Washington, DC 20426	frank.winchell@ferc.gov			
Federal Energy Regulatory Commission	Jim Hastreiter			james.hastreiter@ferc.gov			
National Marine Fisheries Service, California Central Valley Office	Maria Rea, Assistant Regional Administrator			maria.rea@noaa.gov			
National Marine Fisheries Service, California Central Valley Office	Jeff McLain, Central Valley Office Division Manager			jeff.mclain@noaa.gov			
Sequoia and Kings Canyon National Parks	Woody Smeck, Superintendent	47050 Generals Highway	Three Rivers, CA 93271-9700	woody_smeck@nps.gov			
Sequoia and Kings Canyon National Parks	Nancy Hendricks, Chief of Planning and Compliance	47050 Generals Highway	Three Rivers, CA 93271-9700	nancy_hendricks@nps.gov			
Sequoia and Kings Canyon National Parks	Ginger Bradshaw	47050 Generals Highway	Three Rivers, CA 93271-9700	ginger_bradshaw@nps.gov			
Sequoia and Kings Canyon National Parks	Jane Allen	47050 Generals Highway	Three Rivers, CA 93271-9700	jane_allen@nps.gov			
National Park Service, Hydropower Assistance Program	Stephen M. Bowes	333 Bush Street, Suite 500	San Francisco, CA 94104	stephen_bowes@nps.gov			
National Park Service, Hydropower Assistance Program	Susan Rosebrough	333 Bush Street, Suite 500	San Francisco, CA 94104	susan_rosebrough@nps.gov			
National Park Service, Hydropower Assistance Program	Barbara Rice, Program Manager	333 Bush Street, Suite 500	San Francisco, CA 94104	barbara_rice@nps.gov			
U.S. Army Corps of Engineers, Planning Division	Sacramento District	1325 J Street, Room 1513	Sacramento, CA 95814	spk-pao@usace.army.mil			

Organization	Name	Street Address	City, State, Zip	Email
U.S. Bureau of Indian Affairs , Pacific Region	Amy Dutschke Regional Director	2800 Cottage Way	Sacramento, CA 95825	amy.dutschke@bia.gov
U.S. Bureau of Land Management, Bakersfield Field Office	Christina Castellon, Realty Specialist (PM)	3801 Pegasus Drive	Bakersfield, CA 93308	ccastellon@blm.gov
U.S. Bureau of Land Management, Bakersfield Field Office	Amy Girado, Archaeologist	3801 Pegasus Drive	Bakersfield, CA 93308	agirado@blm.gov
U.S. Bureau of Land Management, Bakersfield Field Office	Maria Soto, Realty Specialist	3801 Pegasus Drive	Bakersfield, CA 93308	msoto@blm.gov
U.S. Bureau of Land Management, Bakersfield Field Office	Carly Summers, Natural Resource Specialist Supervisor/Planning	3801 Pegasus Drive	Bakersfield, CA 93308	csummers@blm.gov
U.S. Bureau of Land Management, Bakersfield Field Office	Tamara Whitley, Archaeologist	3801 Pegasus Drive	Bakersfield, CA 93308	twhitley@blm.gov
U.S. Bureau of Land Management, Bakersfield Field Office	Brien Chartier, Recreation	3801 Pegasus Drive	Bakersfield, CA 93308	bchartie@blm.gov
U.S. Bureau of Land Management, Bakersfield Field Office	Romina Copado, GIS	3801 Pegasus Drive	Bakersfield, CA 93308	rcopado@blm.gov
U.S. Bureau of Land Management, Bakersfield Field Office	Alison Lipscomb, Realty Specialist	3801 Pegasus Drive	Bakersfield, CA 93308	alipscomb@blm.gov
U.S. Bureau of Land Management, Bakersfield Field Office	Karen Doran, Range Specialist	3801 Pegasus Drive	Bakersfield, CA 93308	kdoran@blm.gov
U.S. Bureau of Land Management, Bakersfield Field Office	Sarah Bullock, Wildlife Biologist	3801 Pegasus Drive	Bakersfield, CA 93308	sbullock@blm.gov
U.S. Bureau of Land Management, Bakersfield Field Office	CJ Clara Hurley, Wildlife Biologist	3801 Pegasus Drive	Bakersfield, CA 93308	cchase@blm.gov
U.S. Bureau of Reclamation , South- Central California Area Office	Michael Jackson, Area Manager	1243 N Street	Fresno, CA 93721-1813	mjackson@usbr.gov
U.S. Fish and Wildlife Service , Pacific Southwest Region	Daniel Welsh	2800 Cottage Way, W-2605	Sacramento, CA 95825	Daniel_Welsh@fws.gov

Organization	Name	Street Address	City, State, Zip	Email
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U.S. Fish and Wildlife Service , Pacific Southwest Region	Richard Kuyper	2800 Cottage Way, W-2605	Sacramento, CA 95825	richard_kuyper@fws.gov
U.S. Geological Survey , Placer Hall, Room 200	Denis O'Halloran, FERC Coordinator	6000 J Street	Sacramento, CA 95819	dohall@usgs.gov
U.S. House of Representatives, 21st Congressional District of California	TJ Cox, Congressman	2700 M. Street, Suite 250B	Bakersfield, CA 93301	
U.S. House of Representatives, 22nd Congressional District of California	Devin Nunes, Congressman	113 North Church Street, Suite 208	Visalia, CA 93291	
U.S. House of Representatives, 23rd Congressional District of California	Kevin McCarthy, Congressman	4100 Empire Drive, Suite 150	Bakersfield, CA 93309	
U.S. Senate	Kamala Harris	501 I Street, Suite 7-800	Sacramento, CA 95814	
U.S. Senate	Dianne Feinstein	One Post Street, Suite 2450	San Francisco, CA 94104	
State Government/Representatives		I	I	1
California Department of Fish and Wildlife , Central Region	Julie Vance	1234 E. Shaw Avenue	Fresno, CA 93710	julie.vance@wildlife.ca.gov
California Department of Fish and Wildlife , Central Region	Abimael León	1130 E. Shaw Avenue	Fresno, CA 93710	abimael.leon@wildlife.ca.gov
Office of Historic Preservation, SHPO	Julianne Polanco	1725 23rd Street, Suite 100	Sacramento, CA 95816	julianne.polanco@parks.ca.gov
Office of Historic Preservation, SHPO	Anmarie Medin	1725 23rd Street, Suite 100	Sacramento, CA 95816	anmarie.medin@parks.ca.gov
California Public Utilities Commission		505 Van Ness Avenue	San Francisco, CA 94102-3214	
California State Senate, 16th Senate District	Shannon Grove, Senator	State Capitol, Room 3048	Sacramento, CA 95814-4900	

Organization	Name	Street Address	City, State, Zip	Email
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California State Senate, 14th Senate District	Melissa Hurtado, Senator	State Capitol, Room 2054	Sacramento, CA 95814-4900	
Central Valley Regional Water Quality Control Board, Fresno Branch	Manager	1685 E Street	Fresno, CA 93706-2007	
Native American Heritage Commission		1550 Harbor Boulevard, Suite 100	West Sacramento, CA 95691	nahc@nahc.ca.gov
State Water Resources Control Board , Division of Water Rights	Jeff Wetzel	1001 I Street, 14th Floor	Sacramento, CA 95814	jeff.wetzel@waterboards.ca.gov
State Water Resources Control Board, Division of Water Rights	Karmina Padgett	1001 I Street, 14th Floor	Sacramento, CA 95814	karmina.padgett@waterboards.c a.gov
State Water Resources Control Board, Division of Water Rights	Chase Hildeburn	1001 I Street, 14th Floor	Sacramento, CA 95814	chase.hildeburn@waterboards.c a.gov
State Water Resources Control Board, Water Quality Certification Program	Ann Marie Ore, Environmental Program Manager	1001 I Street, 14th Floor	Sacramento, CA 95814	annmarie.ore@waterboards.ca.g ov
State Water Resources Control Board, Division of Water Rights	Erin Ragazzi	1001 I Street, 14th Floor	Sacramento, CA 95814	erin.ragazzi@waterboards.ca.go v
Local Government				
Tulare County, Planning Branch	Michael Washam, Assistant Director	5961 South Mooney Blvd.	Visalia, CA 93277	mwasham@co.tulare.ca.us
Tulare County	Clerk-Recorder	221 South Mooney Blvd., Room 103	Visalia, CA 93291	
Tulare County Library, Main Branch	County Librarian	200 W. Oak Avenue	Visalia, CA 93291	
Tulare County Water Commission, County of Tulare	Denise England, Water Policy Manager	2800 W. Burrell Avenue	Visalia, CA 93291	dengland@co.tulare.ca.us
Tulare County, Environmental Planning Division	Jessica Willis, Environmental Planner	5961 South Mooney Blvd.	Visalia, CA 93277	jwillis@co.tulare.ca.us
Tulare County, Environmental Planning Division	Hector Guerra,	5961 South Mooney Blvd.	Visalia, CA 93277	hguerra@co.tulare.ca.us

Organization	Name	Street Address	City, State, Zip	Email
City of Tulare, Planning Department	Josh McDonnell, Community & Economic Development Director	411 East Kern Avenue	Tulare, CA 93274	jmcdonnell@tulare.ca.gov
City of Visalia, Planning Department	Paul Bernal, City Planner	315 E. Acequia Avenue	Visalia, CA 93291	paul.bernal@visalia.city
Public Agency				
Exeter Irrigation District	District Manager	150 S. E Street	Exeter, CA 93221	
Ivanhoe Irrigation District	District Manager	33777 Road 164	Visalia, CA 93292	
Kaweah Delta Water Conservation District	Mark Larsen, General Manager	2975 N. Farmersville Blvd.	Farmersville, CA 93223	mlarsen@kdwcd.com
Lindmore Irrigation District	Michael Hagman, District Manager	PO Box 908	Lindsay, CA 93247	mhagman@lindmoreid.com
Tulare Irrigation District	J. Paul Hendrix, General Manager	6826 Avenue 240	Tulare, CA 93274	jph@tulareid.org
Kaweah River Power Authority	Terry Stafford	2975 N. Farmersville Blvd.	Farmersville, CA 93223	tstafford@kdwcd.com
Non-Governmental Organization				
American Whitewater	Dave Steindorf, California Stewardship Director	4 Baroni Drive	Chico, CA 95928-4314	dave@americanwhitewater.org
American Whitewater	Theresa Simsiman			theresa@americanwhitewater.or g
California Sportfishing Protection Alliance	Christopher Shutes, FERC Projects Director			cshutes@calsport.org
CalTrout – Sierra Headwaters Region	Eric Huber, Director	PO Box 3442	Mammoth Lakes, CA 93546	ehuber@caltrout.org
CalTrout – Central California Region	Jacob Katz, Director	930 Shiloh Rd., Bldg. 40-#6	Windsor, CA 95492	jkatz@caltrout.org
Friends of the River	Eric Wesselman, Executive Director	1418 20th Street, Suite 100	Sacramento, CA 95811	eric@friendsoftheriver.org
Trout Unlimited	James Polfer, President, Central Sierra Chapter			jpolfer@hotmail.com

Organization	Name	Street Address	City, State, Zip	Email
Trout Unlimited	John Sikora, Council Chairman	4005 Manzanita Avenue, Suite 6, Box 302	Carmichael, CA 95608	JESIKORA@SBCGLOBAL.NET
Trout Unlimited	Walt Bentley			bentley46@earthlink.net
Advisory Council on Historic Preservation	John Eddins	401 F Street, NW, Suite 308	Washington, DC 20001-2637	jeddins@achp.gov
Tulare County Historical Society	Mike Chrisman, President	PO Box 295	Visalia, CA 93279	
Three Rivers Historical Museum	Thomas Marshall, President	PO Box 162	Three Rivers, CA 93271	history@3rmuseum.org
Native American Tribes				
Tule River Indian Tribe	Neil Peyron, Chairperson	PO Box 589	Porterville, CA 93258	Neil.Peyron@tulerivertribe- nsn.gov
Santa Rosa Indian Community of the Santa Rosa Rancheria	Bianca Arias	PO Box 8	Lemoore, CA 93245	barias@tachi-yokut-nsn.gov
Tule River Indian Tribe	Kerri Vera, Environmental Coordinator	PO Box 589	Porterville, CA 93258	tuleriverenv@yahoo.com
Tule River Indian Tribe	Joseph Garfield, Environmental Technician	PO Box 589	Porterville, CA 93258	joseph.garfield@yahoo.com
Tule River Indian Tribe	Zack Jaroko	PO Box 589	Porterville, CA 93258	
Wukchumni Tribal Council	Hector Lalo Franco, Director Cultural Resources Program	4737 West Concord Avenue	Visalia, CA 93277	hlfranco54@gmail.com
Tachi-Yokut Tribe	Greg Cuara, Cultural Specialist I	PO Box 8	Lemoore, CA 93245	gcuara@tachi-yokut-nsn.gov
Tachi-Yokut Tribe	Shana Powers	PO Box 8	Lemoore, CA 93245	spowers@tachi-yokut-nsn.gov
Dunlap Band of Mono-Indians - Historical Preservation Society	Mandy Marine, President	PO Box 18	Dunlap, CA 93621	mandy_marine@hotmail.com
Northem Band of Mono Yokuts	Delaine Bill, Chairperson	PO Box 234	Dunlap, CA 93621	

Organization	Name	Street Address	City, State, Zip	Email
Cold Springs Tribe	Carol Bill, Chair	PO Box 209	Tollhouse, CA 93667	csrchair@netptc.net
Cold Springs Tribe	Blossom Hunter, Tribal Administrator	PO Box 209	Tollhouse, CA 93667	csradmin1@netptc.net
Cold Springs Tribe	Eric Smith, Environmental Director	PO Box 209	Tollhouse, CA 93667	csrepa@netptc.net
California Indian Basketweavers Association	Linda Navarro , Executive Director	428 Main Street	Woodland, CA 95695	ciba@ciba.org
Mono Elder	Keith Turner	PO Box 306	Auberry, CA 93602	keithturner1950@yahoo.com
North Fork Mono Tribe	Ron Goode, Chairman	13396 Tollhouse Road	Clovis, CA 93619	rwgoode911@hotmail.com
Kern Valley Indian Community	Julie Turner , Secretary	PO Box 1010	Lake Isabella, CA 93240	administrator@kawaiisu.org
Kern Valley Indian Community	Robert Robinson , Chairperson	PO Box 1010	Lake Isabella, CA 93240	bbutterbredt@gmail.com
Tubatulabas of Kern Valley	Robert L. Gomez Jr. , Tribal Chairperson	PO Box 226	Lake Isabella, CA 93240	rgomez@tubatulabal.org
Wuksache Indian Tribe / Eshom Valley Band	Kenneth Woodrow , Chairperson	1179 Rock Haven Ct.	Salinas, CA 93906	kwood8934@aol.com
Picayune Rancheria of Chukchansi Indians	Jennifer Ruiz, Chairwoman	PO Box 2226	Oakhurst, CA 93644	jruiz@chukchansitribe.net
Wukchumni Tribal Council	Darlene Franco, Chairwoman	4737 West Concord Avenue	Visalia, CA 93277	
Dunlap Band of Mono Indians	Dirk Charley, Tribal Secretary	5509 East Mckenzie Avenue	Fresno, CA 93727	dcharley2016@gmail.com
Dunlap Band of Mono Indians	Benjamin Charley, Jr. , Tribal Chairman	470 Winuba Lane	Bishop, CA 93621	charley07@verizon.net

Organization	Name	Street Address	City, State, Zip	Email
Public				
	Rene Roederer	46468 Mineral King Road	Three Rivers, CA 93271	reneeroederer@gmail.com
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Bear Ranch	Philip Armstrong	1723 Beaver Dam Road	Vilas, NC 28692	
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	Mike Hauber	PO Box 1116	Three Rivers, CA 93271	m.d.hauber@gmail.com
	Francis Kunz	44229 Kaweah River Drive	Three Rivers, CA 93271	
	Joy Kunz	222 E. Constance Avenue	Santa Barbara, CA 93105	
	D. Eleanor Newman	PO Box 66	Three Rivers, CA 93271	redbudacres28@aol.com
	Dana Sun	PO Box 276, 44229-C Kaweah River Drive	Three Rivers, CA 93271	redbudacres28@aol.com
St. Anthony's Retreat	Mike Hand	43816 Sierra Drive	Three Rivers, CA 93271	mike@stanthonyretreat.org
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	Dan Dellinges	43429 Sierra Drive	Three Rivers, CA 93271	
	Coleen Bath	43429 Sierra Drive	Three Rivers, CA 93271	monosail@earthlink.net
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	Michael Kunz	3244 East Kerckhoff	Fresno, CA 93702	mkunz@fresno.edu
	Uwe Reimer	PO Box 1179	Three Rivers, CA 93271	bedbug1@sbcglobal.net
	Nancy Reimer	PO Box 1179	Three Rivers, CA 93271	bedbug1@sbcglobal.net
	George Tomi	PO Box 572, 43875 Dinely Drive	Three Rivers, CA 93271	ctomi3r@gmail.com
	Christy Tomi	PO Box 572, 43875 Dinely Drive	Three Rivers, CA 93271	ctomi3r@gmail.com
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	Sue Shanley	44609 Dinely Drive	Three Rivers, CA 93271	-
	WW Boating TWG			info@sequoiaadventures.com
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	WW Boating TWG			raftgoodtimes@gmail.com
	WW Boating TWG			rivers@aorafting.com
	WW Boating TWG			evanmoore32@yahoo.com
	WW Boating TWG			chasewhitewater@gmail.com
	WW Boating TWG			christulley@gmail.com
	WW Boating TWG			bill.pooley@gmail.com
	WW Boating TWG			eric@kernriverbrewing.com
	WW Boating TWG			d_mcquoid@hotmail.com
	WW Boating TWG			paul_martzen@yahoo.com
	WW Boating TWG			trkayaker@ymail.com

Organization	Name	Street Address	City, State, Zip	Email
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	WW Boating TWG			chris.tulley@gmail.com
Private	1			
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California Water Service, Visalia District	District Manager	216 North Valley Oaks Drive	Visalia, CA 93292	
Consolidated Peoples Ditch Company	James P Silva, Jr	PO Box 366	Farmersville, CA 93223-0366	
Hurley and Laird	Russell Hurley	403 N Floral Street	Visalia, CA 93291	
Minasian, Spruance, Baber, Meith, Soares & Sexton, LLP	Jeffrey Meith, Partner	1681 Bird Street	Oroville, CA 95965	
Three Rivers Village Foundation	Tom Sparks	45001 Sierra Drive	Three Rivers, CA 93271	tom.sparks@live.com
The Kaweah Commonwealth	John Elliott	PO Box 806	Three Rivers, CA 93271	tkcplanner@gmail.com
Williams, Brodersen, Pritchett, Burke LLP	Steven R. Williams	2222 West Main Street	Visalia, CA 93291	srw@visalialawyers.com
SCE Staff				
Southern California Edison	Dan Keverline	15171 Sierra Way	Kernville, CA 93240	keverlds@sce.com
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Southern California Edison	FERC Case Administrator	2244 Walnut Grove Ave.	Rosemead, CA 91770	ferccaseadmin@sce.com	
Southern California Edison	Nicolas von Gersdorff, Dam Safety Engineer	1515 Walnut Grove	Rosemead, CA 91770	nicolas.von@sce.com	
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Attachment D

Certificate of Service

2019 Updated Study Report Meeting Summary - Attachment D

Certificate of Service

2019 Updated Study Report Meeting Summary

Southern California Edison Company Kaweah Project FERC Project No. 298

I hereby certify that I have this day served the foregoing document upon each person designated on the official service list compiled by the Secretary in this proceeding, and the enclosed distribution list.

Dated at Rosemead, California this 20th day of November, 2019.

Allen)

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