



Kaweah Project *(FERC Project No. 298)*

Plenary Meeting

February 24, 2016

Kaweah Project

Agenda

- Welcome and Introductions
- Kaweah Project Overview
- FERC Relicensing Process Overview
- Technical Study Plan Development Process
- Technical Study Plan Review
- Adjourn

<http://on.sce.com/kaweah>

Kaweah Project Overview

Kaweah Project

Jurisdiction

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

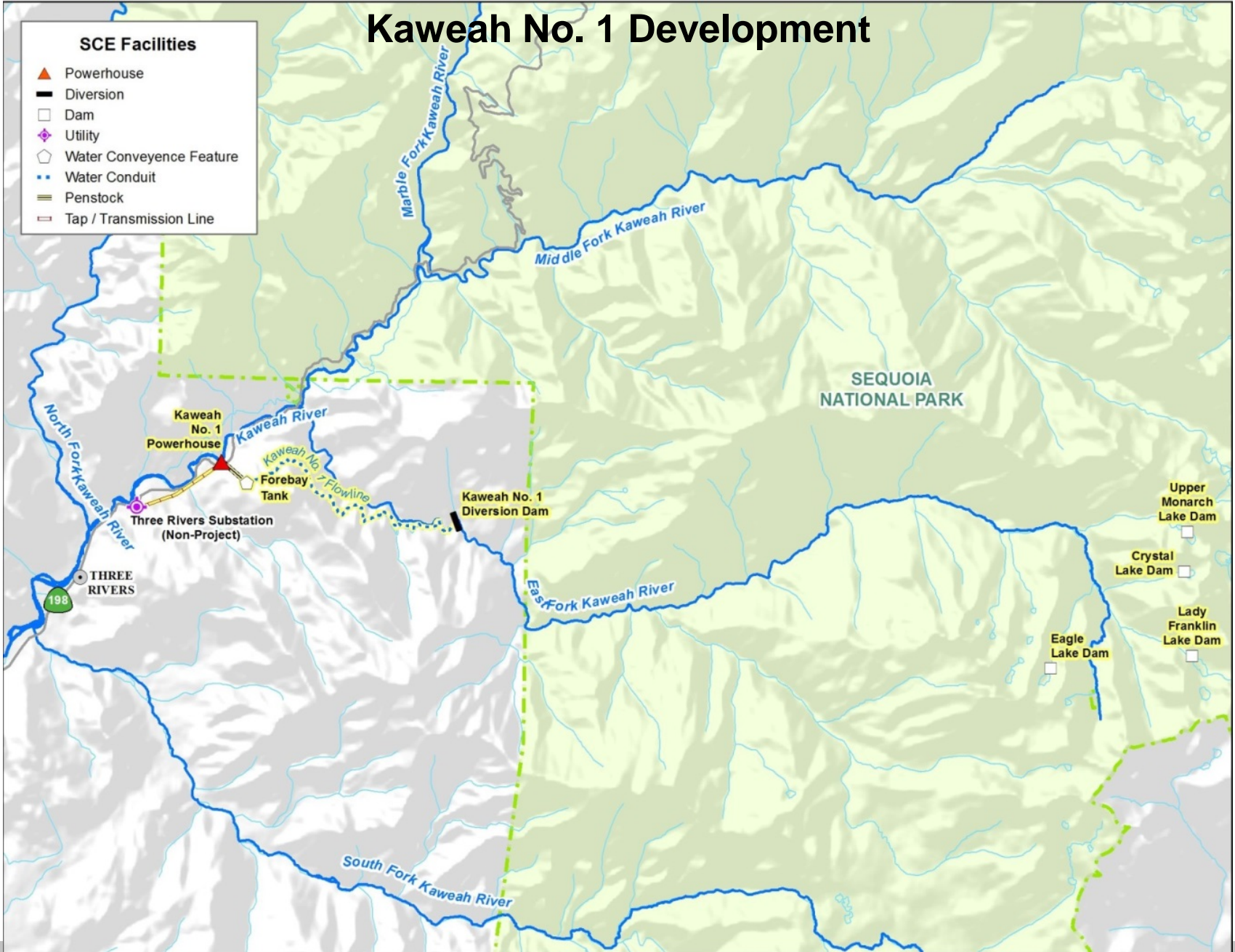


Middle Fork Kaweah River
Kaweah No. 3 Flume

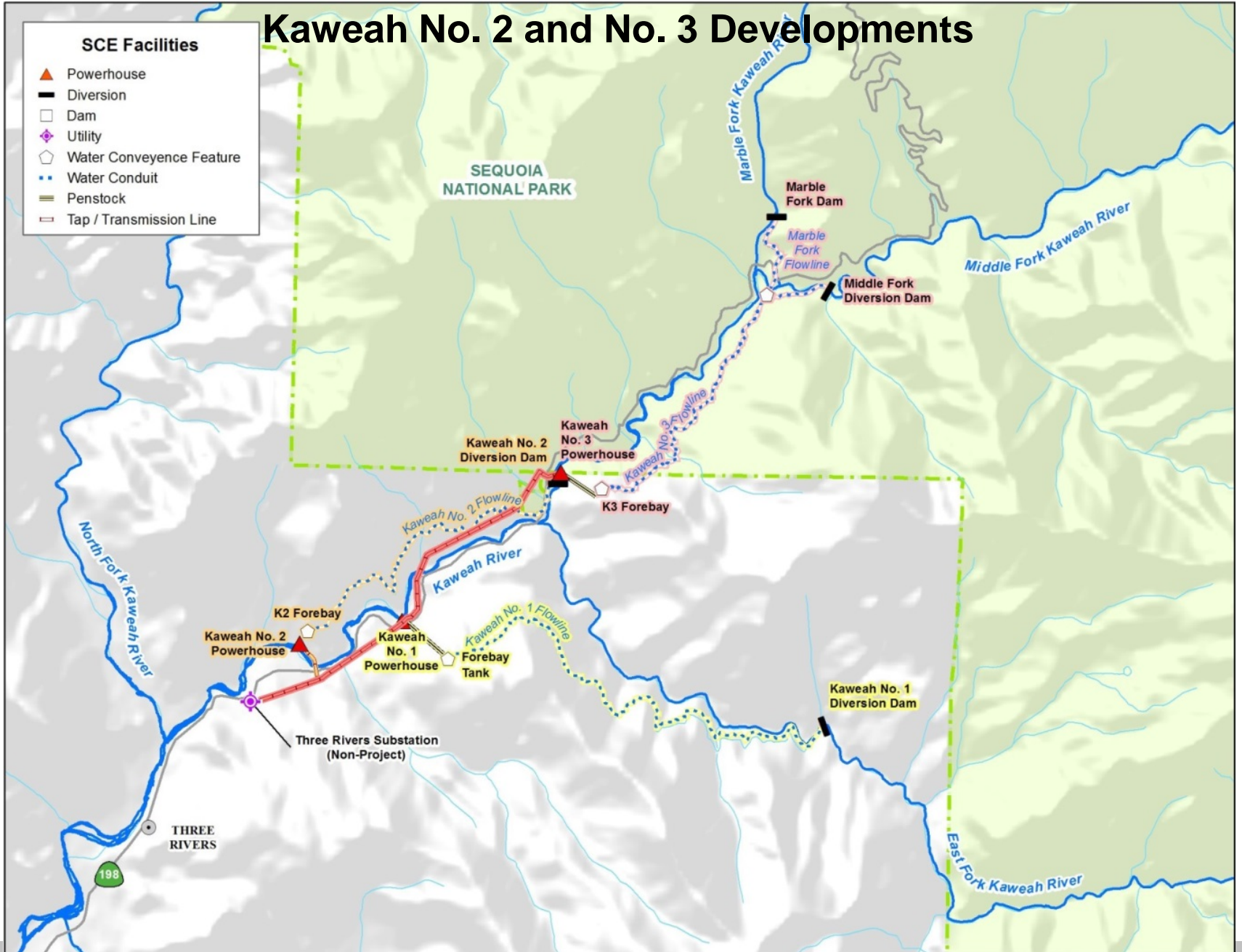
Kaweah No. 3 Powerhouse/Switchyard

Kaweah No. 2 Diversion Dam and Intake

Kaweah No. 1 Development



Kaweah No. 2 and No. 3 Developments



Kaweah Project

Description of FERC Project Developments

- Current License Expires on Dec 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

Kaweah Project on Sequoia Premises

Non-FERC Project Developments

- Located in Sequoia National Park (SNP)
- Operated under Special Use Permit (SUP)
- SUP Expires on Sept 8, 2016
- 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)



Middle Fork Kaweah River
Kaweah No. 3 Flume

FERC Relicensing Process Overview

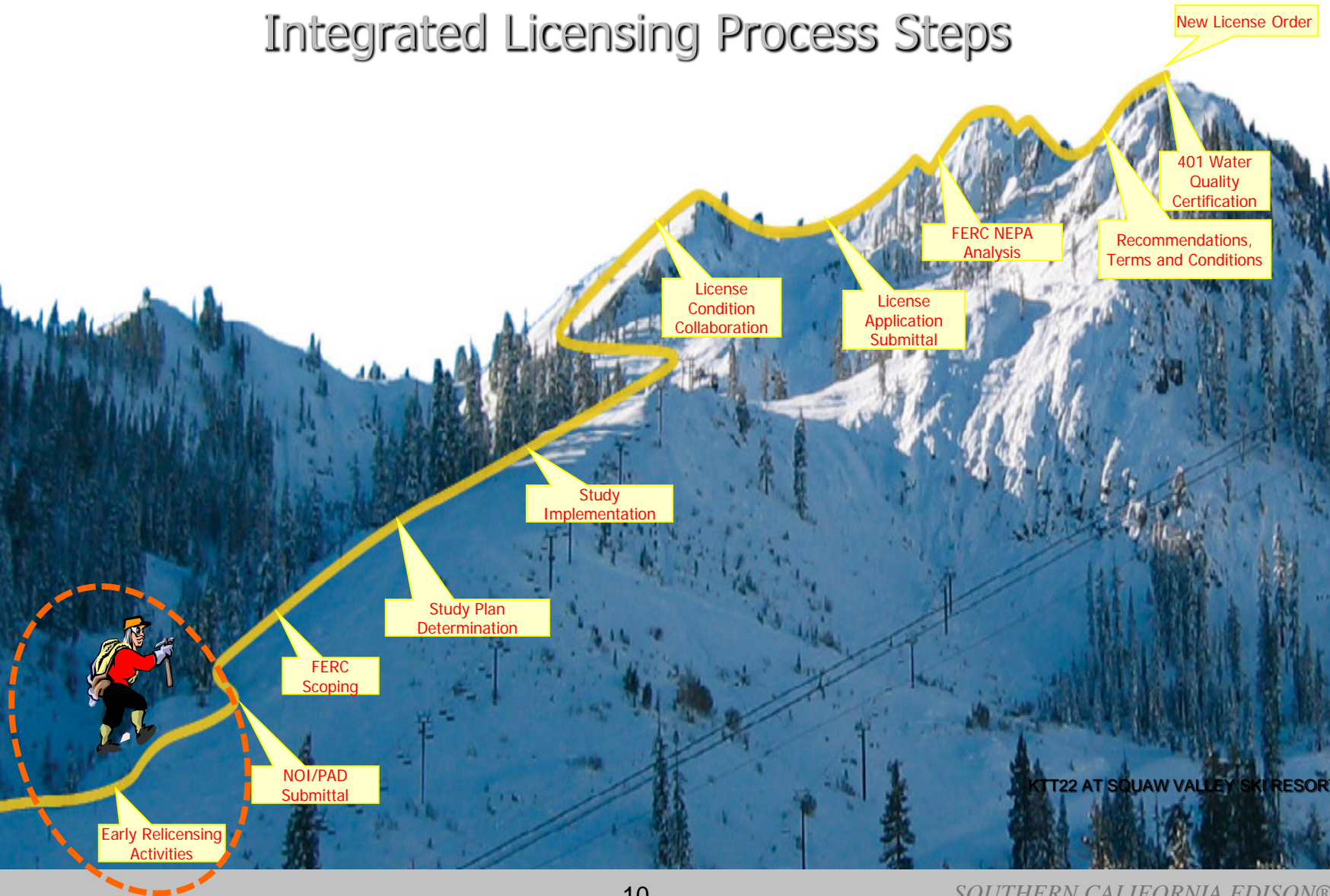
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Relicensing Process

- Integrated Licensing Process (ILP) Under FERC Jurisdiction
- Requires Specific Consultation Activities
- Evaluates Effects of On-going Operations and Maintenance of the Project
- Establishes New License Term and Conditions

Kaweah Project

Integrated Licensing Process Steps



KTT22 AT SQUAW VALLEY SKI RESORT

Kaweah Project

Early Relicensing Activities

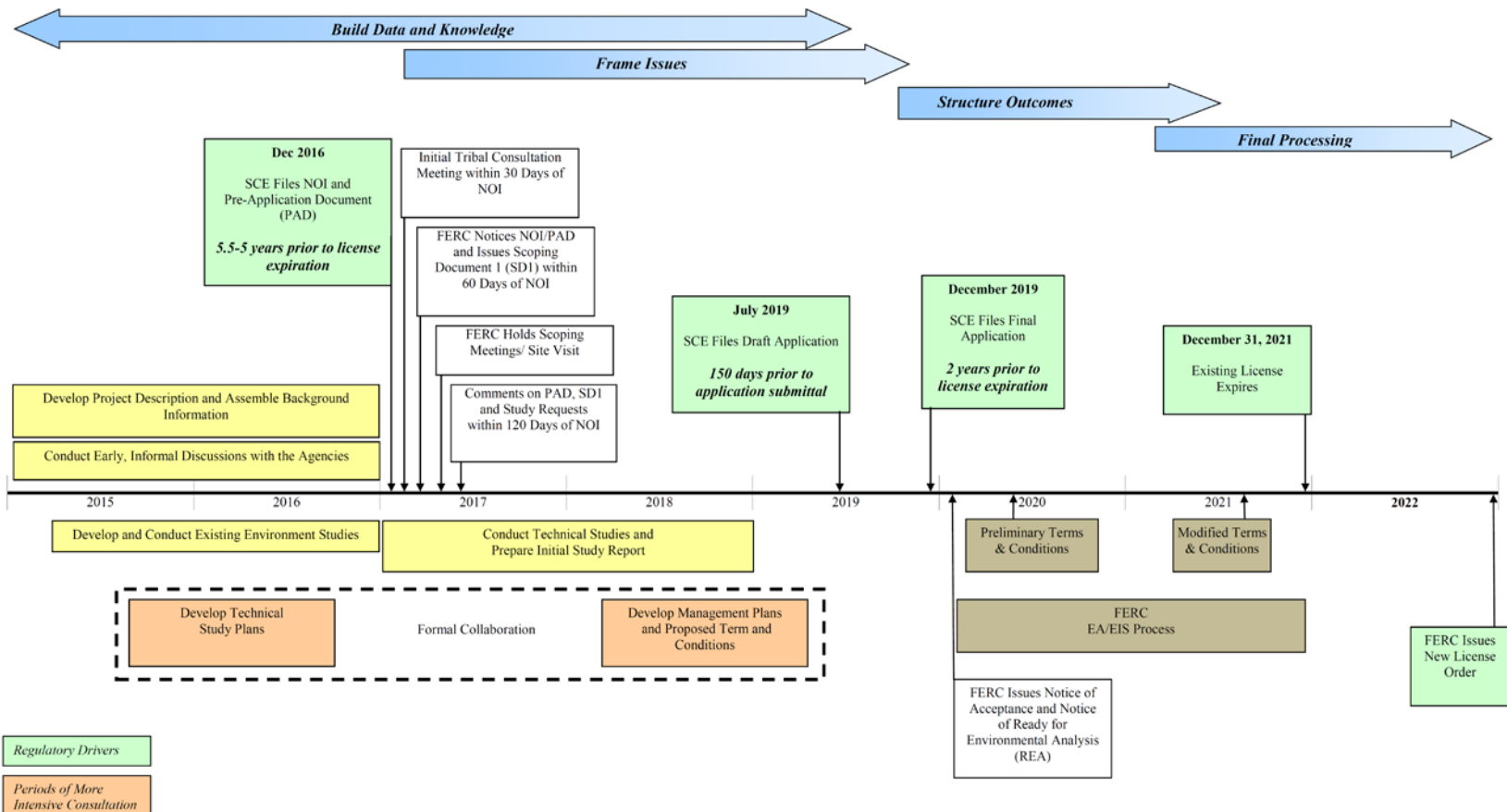
- ✓ Relicensing Process Plan and Schedule
 - ✓ Stakeholder Interest Statements
 - ✓ Project Description
 - ✓ Existing Resource Information
 - ✓ Preliminary List of Issues and Proposed Studies
- Relevant Comprehensive Plans
- Consultation Documentation

<http://on.sce.com/kaweah>

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FERC ILP Process

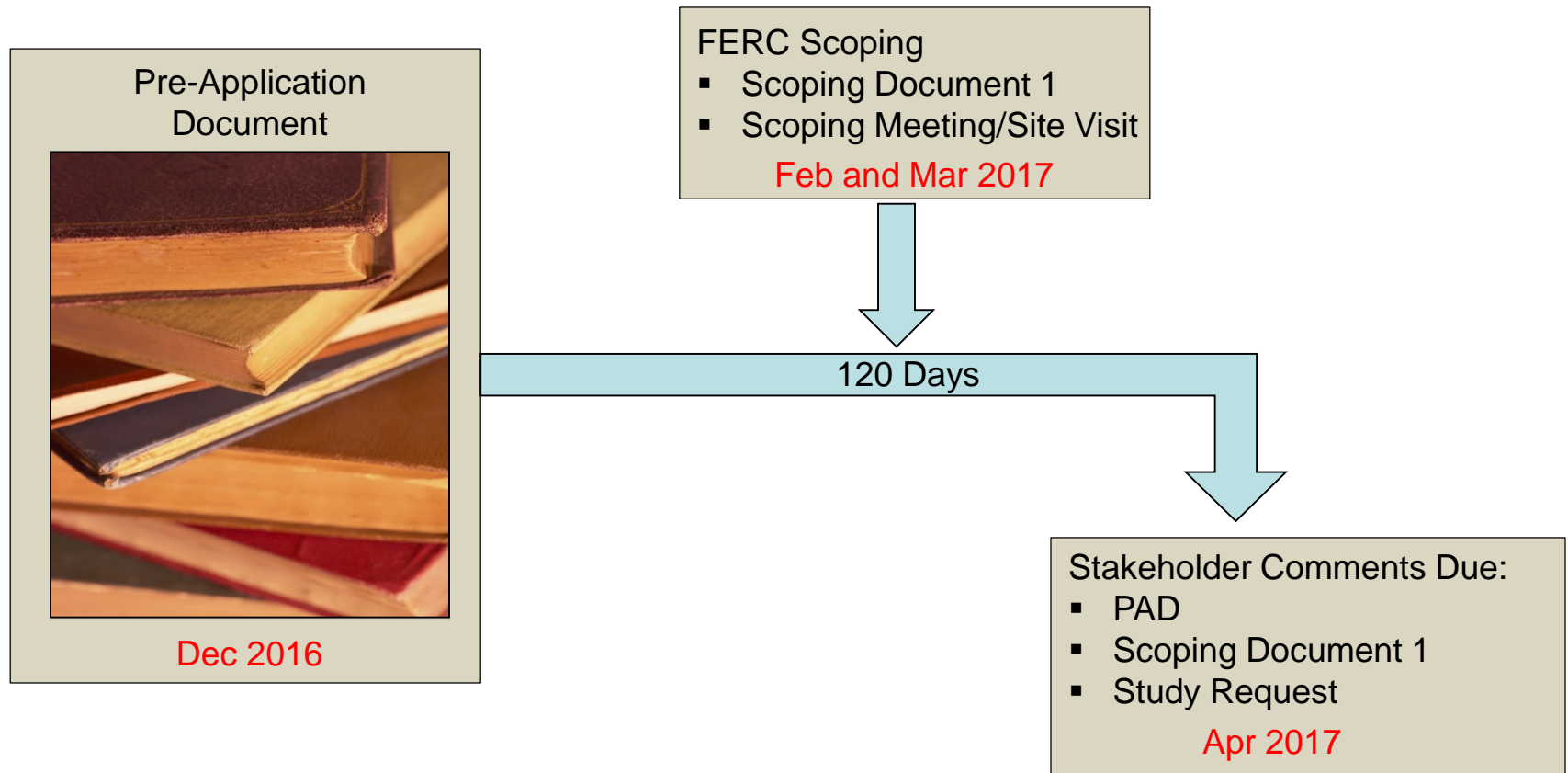
Southern California Edison
Kaweah Project (FERC No. 298)
Integrated Licensing Process



Technical Study Plan Development Process

Kaweah Project

Technical Study Plan Development



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Stakeholder Study Requests

Must Include:

- Goals and Objectives of Study Proposal
- Relevant Resource Management Goals
- Relevant Public Interest Considerations
- Existing Information Concerning the Proposal
- Need for Additional Information

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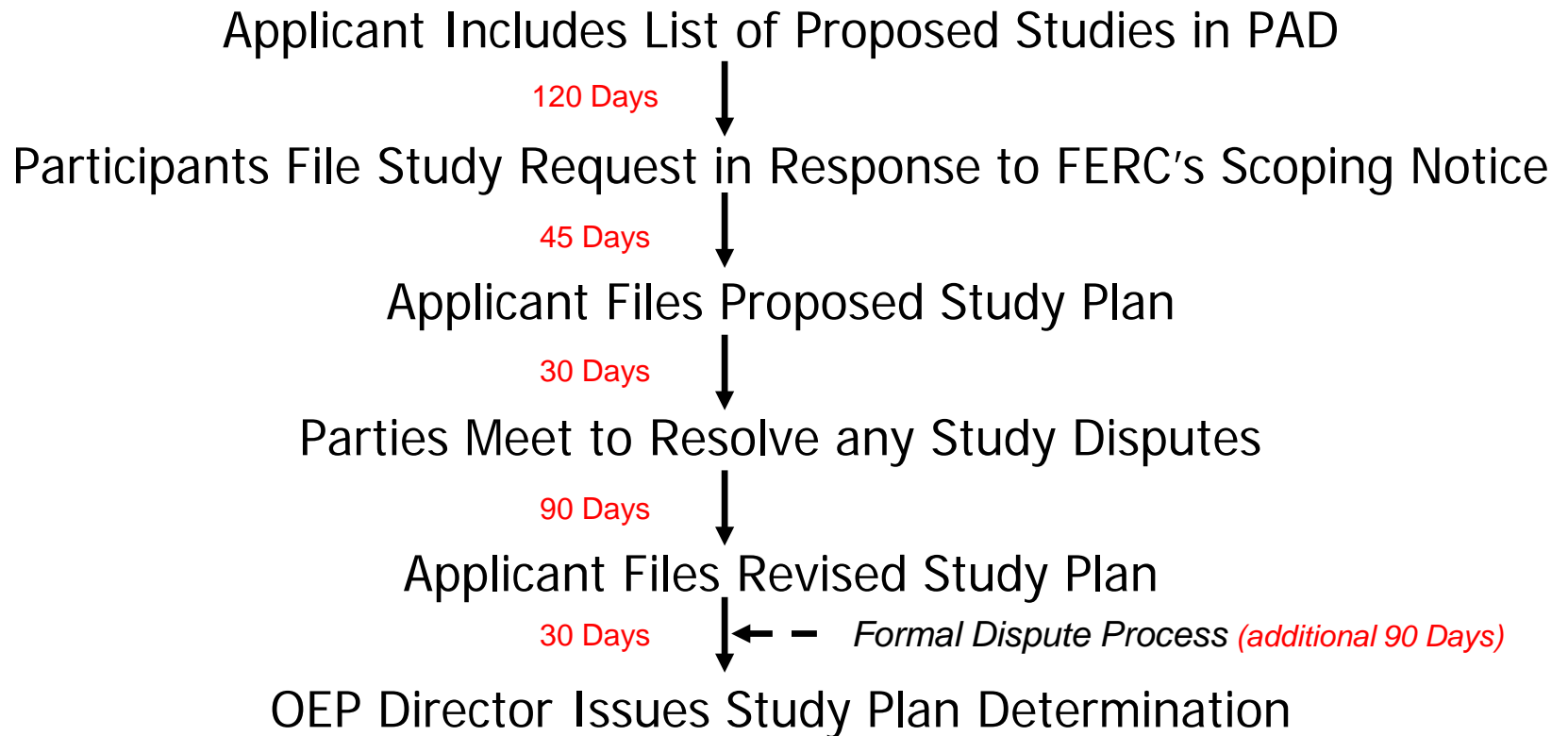
Stakeholder Study Requests (continued)

Must Include:

- Nexus with Project
- Proposed Methodology and Explanation that Methods are Consistent with Generally Accepted Practices
- How Study Results will Inform Development of New License Conditions
- Level of Effort and Cost

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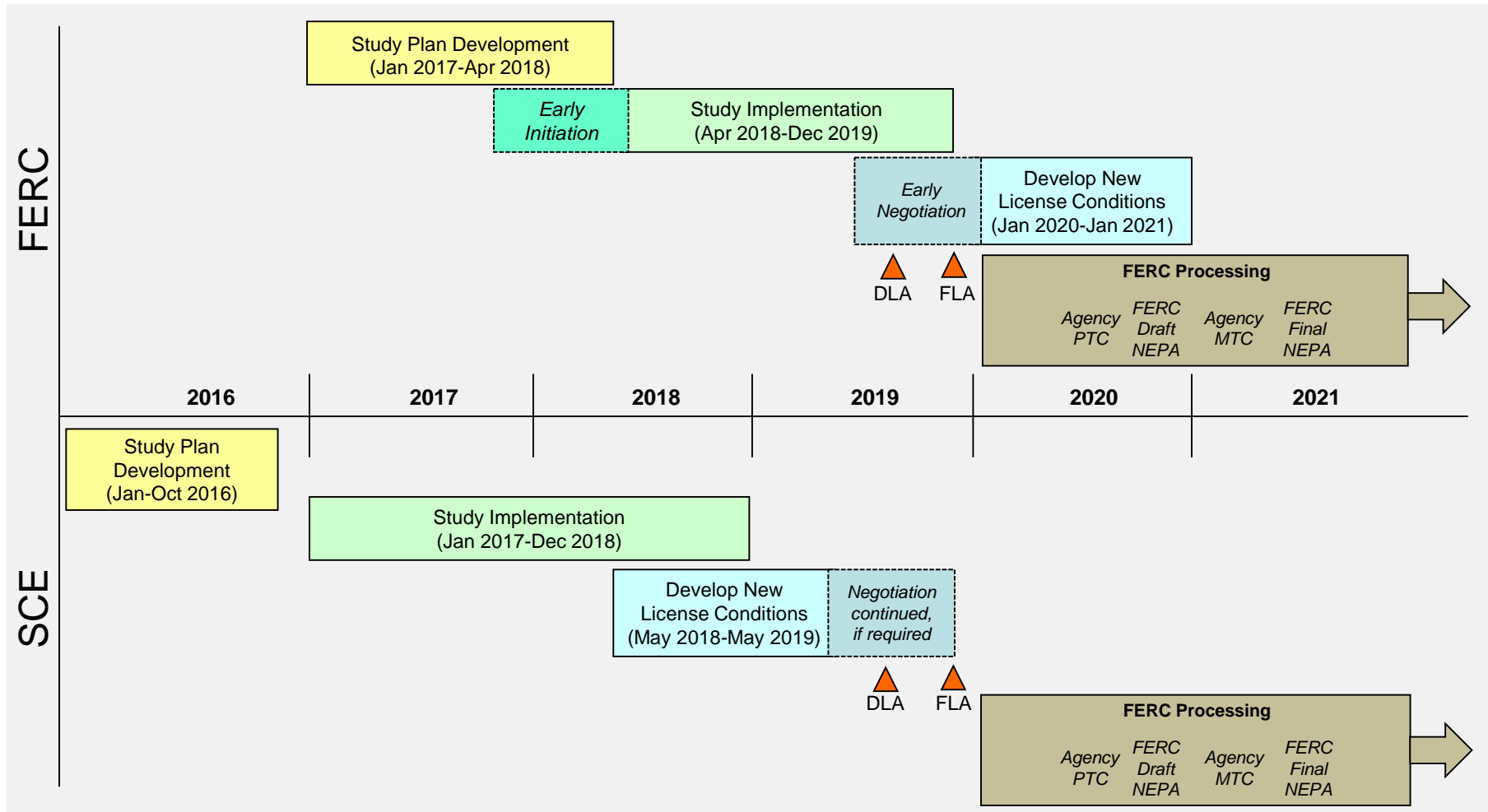
FERC Study Plan Development Process



Process takes 10-14 months

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SCE's Proposed Approach



Kaweah Project

SCE's Proposed Study Plan Development Process

- Early Collaboration on Study Plan Development
 - Approved Study Plan in PAD (Dec 2016)

- Early Implementation of Approved Studies
 - Field studies initiated (2017)
 - Studies completed (2017-2018)
 - Stakeholder collaboration on New License Conditions (inclusion in Final License Application)

Technical Study Plan Review

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Technical Study Plan Objectives

- Overall Objective of TSPs is to develop sufficient information to evaluate potential Project impacts and to develop new license conditions that reasonably balance multiple resource interests.

- Fifteen TSPs organized into five major resource areas:
 - Aquatic (9)
 - Cultural (1)
 - Land (2)
 - Recreation (1)
 - Terrestrial (2)

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Technical Study Plans

- Early Stakeholder Input
 - Bureau of Land Management
 - National Park Service
 - Stakeholder Interest Statements

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Technical Study Plan Content and Organization

- Potential Resource Issues
- Project Nexus
- Potential License Condition
- Study Objectives
- Extent of Study Area
- Study Approach
- Schedule

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Kaweah Technical Study Plans

■ Aquatic

- AQ 1 – Instream Flow
- AQ 2 – Fish Population
- AQ 3 – Macroinvertebrates
- AQ 4 – Water Temperature Modeling
- AQ 5 – Geomorphology
- AQ 6 – Water Quality
- AQ 7 – Special-status Amphibian and Aquatic Reptile
- AQ 8 – Fish Passage
- AQ 9 – Entrainment

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Kaweah Technical Study Plans

- Cultural
 - CUL 1 – Cultural Resources

- Land
 - LAND 1 – Transportation System
 - LAND 2 – Aesthetic Resources

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Kaweah Technical Study Plans

- Recreation
 - REC 1 – Recreation Use

- Terrestrial
 - TERR 1 – Botanical Resources
 - TERR 2 – Wildlife Resources

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Technical Study Plan Review

- Study Plans Provided to Stakeholders for Review on **February 12, 2016**
- Review Period: **February 12 – April 12, 2016 (60 days)**
- Download PDF Files From: <http://on.sce.com/kaweah>
- Send Comments via E-mail to David Moore at: david.moore@sce.com