ERRATA/UPDATE NOTICE

(August 4, 2006)

This notice makes corrections and updates to the November 21, 2005, Southern California Edison Company (SCE) Application for New License, Mammoth Pool Project (FERC Project No. 2085) and Preliminary Draft Environmental Assessment (PDEA) for the Mammoth Pool (FERC Project No. 2085), Big Creek Nos. 1 and 2 (FERC Project No. 2175), Big Creek Nos. 2A, 8, and Eastwood (FERC Project No. 67), and Big Creek No.3 (FERC Project No. 120) projects.

These corrections are made to address errors and inconsistencies found in the Application for New License and PDEA. The corrections and updates also are based on SCE's responses to the May 12, 2006, Federal Energy Regulatory Commission (FERC or Commission) letter identifying deficiencies in the Application for New License and requesting additional information, which have resulted in corrections to the Application and the PDEA.

APPLICATION FOR NEW LICENSE – MAMMOTH POOL PROJECT

VOLUME 1

Exhibit A: Description of Project

(1) Page A-3, Mammoth Pool Dam and Spillway Capacity, fourth paragraph, first sentence is revised to read:

> "The reservoir created by Mammoth Pool Dam is known as Mammoth Pool Reservoir and has a gross storage capacity of 122,715 acre-feet and a useable storage capacity of 119,940 acre-feet at the spill crest elevation of 3,330 feet msl."

(2) Page A-6, Storage Capacity, second sentence is revised to read:

> "The Mammoth Pool Reservoir has a gross storage capacity of 122,715 acre-feet and a useable capacity of 119,940 acre-feet at the spill crest elevation of 3,330 feet msl."

(3) Page A-18, Table A-1, Section 15, SW1/4 NE1/4, 7.03 (acres) is revised to read:

> "7.05" (acres).

Exhibit B: Statement of Operation and Resource Utilization

(4) Page B-5, (2) Capacity and Production (ii) is revised to read:

> "The total estimated hydraulic capacity for the Mammoth Pool Project (FERC Project No. 2085) is 2,694 cubic feet per second (cfs). Mammoth Pool Unit 1 operates between 27 cfs and 1,335 cfs. Mammoth Pool Unit 2 operates between 104 cfs and 1,359 cfs.

The Mammoth Pool Fishwater Generator operates between 3 cfs and 57 cfs."

Exhibit D: Project Costs and Financing

(5) Page D-5, (7) Cost to Develop the Application:

The following statement provides SCE's response to the License Application Deficiency No. 2 (Schedule A).

"Southern California Edison Company (SCE) has incurred approximately $4,944,468 in developing the Application for New License for the Mammoth Pool Project, including portions of the Preliminary Draft Environmental Analysis (PDEA) referring to the Mammoth Pool (FERC Project No. 2085), Big Creek Nos. 1 and 2 (FERC Project No. 2175), Big Creek Nos. 2A, 8, and Eastwood (FERC Project No. 67) and Big Creek No. 3 (FERC Project No. 120) attributable to the Mammoth Pool Project. These are the costs recorded in the Mammoth Pool Work Order since the Alternative Licensing Process (ALP) began in 2000."

(6) Page D-5, (8) On-Peak and Off-Peak Power Values:

SCE's response to License Application Deficiency No. 3 (Schedule A), (in the August 4, 2006 filing to the Commission) provides a summary of the on-peak and off-peak power values for the Mammoth Pool Project.

(7) Page D-5, (8) Estimated Average Annual Increase or Decrease in Power Generation and Associated Value of Project Power:

SCE's response to Additional Information Request No. 13 (Schedule B) and Section 7.0 Developmental Analysis, provides information regarding the estimated decrease in power generation and associated value of Project power due to the implementation of new environmental measures associated with the Proposed Action and Alternative 1 for the Mammoth Pool Project.

Exhibit H(b): General Information

(8) Page H(b)-5, (3) Project Operations and Constraints, third paragraph, first sentence is revised to read:

"Mammoth Pool Reservoir has a gross storage capacity of 122,715 acre-feet with a normal full reservoir surface level of 3,330 feet msl."

PRELIMINARY DRAFT ENVIRONMENTAL ASSESSMENT (PDEA)

VOLUME 2

Section 3.0. Proposed Action and Alternatives

(9) Page 3-1, Section 3.1.1 License Term, first paragraph is revised to read:

> "The Proposed Action includes a request that the Federal Energy Regulatory Commission (Commission or FERC) issue a license term of 46 years from the license expiration date of November 30, 2007 for the Mammoth Pool Project. A term of 46 years would allow additional time for SCE to recover the significant costs associated with implementing new environmental measures for the Mammoth Pool Project and the other three Projects in the Big Creek ALP. The annualized cost (2005$) of implementing new environmental measures for the four Big Creek ALP Projects over the recommended term of new licenses is $1,826,423 (Section 7.1.2). Additionally, the mitigation measures proposed by SCE would result in an overall annual loss of generation of approximately 223 GWh, with an estimated annual replacement energy cost (2005$) of $12,182,653 (Table 7.0-2)."

(10) Page 3-3, Section 3.1.2.1 Mammoth Pool (FERC Project No. 2085), One large dam is revised to read:

> "Mammoth Pool Dam forms Mammoth Pool Reservoir with a usable storage capacity of approximately 119,940 acre-feet (af) at an elevation of approximately 3,330 feet (ft) above mean sea level (msl)."

(11) Page 3-8, Section 3.1.3.1 Mammoth Pool (FERC Project No. 2085), Areas Proposed for Inclusion in the FERC Project Boundary, second paragraph, last sentence is revised to read:

> "This Project Boundary modification will result in the addition of approximately 0.7 acre of land (Figure 3.1.3-1)."

(12) Page 3-38, Section 3.1.7.2 Terrestrial Resources, Implement the Wildlife Mortality Monitoring Measure

> SCE has withdrawn the Wildlife Mortality License Article from the Application. A discussion pertaining to the removal of this measure is provided in SCE's response to Additional Information Request No. 14 (Schedule B) included in this filing.

(13) Page 3-41, Section 3.1.7.3, Recreational Resources, Develop and Implement a Recreation Management Plan, Recreation Facility Rehabilitation. First sentence is revised to read:

> "SCE will be responsible for the full cost of rehabilitation of the following existing recreation facilities operated by the Forest associated with the Mammoth Pool Project: (Mammoth Pool Campground, Mammoth Boat Launch, Windy Point Picnic Area, China Bar Boat Camp) SCE will be responsible for 50% of the cost for major rehabilitation of recreation facilities in the vicinity of the three Big Creek ALP Projects that are operated by the Forest (Big Creek Nos. 1 and 2 (FERC Project No. 2175), Big Creek Nos. 2A, 8, and Eastwood (FERC Project No. 67) and Big Creek No. 3 (FERC Project No. 120)."

(14) Page 3-42, Section 3.1.7.3, Recreational Resources, Develop and Implement a Recreation Management Plan, Fish Stocking is revised to read:

> "SCE will match equally the CDFG stocking for the Mammoth Pool Project of Rainbow Trout, up to the following amounts annually: in Mammoth Pool Reservoir 6,000 fingerlings and 5,000 catchables; and in Rock Creek 2,000 fingerlings. SCE will match (50:50) CDFG stocking of Project-related reservoirs and bypass streams associated with the three Big Creek ALP Projects (Big Creek Nos. 1 and 2 (FERC Project No. 2175), Big Creek Nos. 2A, 8, and Eastwood (FERC Project No. 67) and Big Creek No. 3 (FERC Project No. 120)."

(15) Page 1 of Table 3.1.5-8 Vegetation Management in the Vicinity of the Four Big Creek ALP Projects, Mammoth Pool Project

> Remove "Recreation-Mammoth Pool Reservoir" and "Windy Point Picnic Area." The Forest Service is responsible for vegetation management at these facilities.

(16) Page 6 of Table 3.1.5-8 Vegetation Management in the Vicinity of the Four Big Creek ALP Projects, Big Creek 2A, 8, and Eastwood

> Remove "Dorabelle Campground" and "Dorabelle Day Use Picnic Area." The Forest Service is responsible for vegetation management at these facilities.

PRELIMINARY DRAFT ENVIRONMENTAL ASSESSMENT (PDEA)

VOLUME 2: PDEA AND ATTACHMENTS

Section 5.0. Environmental Analysis of Proposed Action

(17) Page 5.2.3-15, Section 5.2.3.3, Impacts of the Proposed Action, Mammoth Pool Project, San Joaquin River, Mammoth Pool to Dam 6. The second sentence is revised to read:

> "The entrapment of spawning sized gravel by Mammoth Pool Dam is unavoidable; and aquatic studies indicate that there is a low abundance of spawning gravels in the reach (See Section 5.2.4.2.1)."

(18) Page 5-2-9-6, Section 5.2.9.2, Affected Environment, Four Big Creek ALP Projects, Mammoth Pool (FERC Project No. 2085). The first sentence is revised to read:

> "At an elevation of 3,330 feet msl, Mammoth Pool Reservoir is about eight miles long and up to ½ mile wide and when filled to the spillway elevation, has a surface area of 1,095 acres."

(19) Page 5-2-9-15, Section 5.2.9.3, Environmental Impacts and Recommendations, Common Recreation Resource Issues at the Four Big Creek ALP Projects, Developed Recreation, fourth paragraph, second bullet. The second bullet is revised to read:

> "SCE will be responsible for the full cost of rehabilitation of the following existing recreation facilities operated by the Forest associated with the Mammoth Pool Project: (Mammoth Pool Campground, Mammoth Boat Launch, Windy Point Picnic Area, China Bar Boat Camp) SCE will be responsible for 50% of the cost for major rehabilitation of recreation facilities in the vicinity of the three Big Creek ALP Projects that are operated by the Forest (Big Creek Nos. 1 and 2 (FERC Project No. 2175), Big Creek Nos. 2A, 8, and Eastwood (FERC Project No. 67) and Big Creek No. 3 (FERC Project No. 120)."

(20) Page 5-2-9-17, Section 5.2.9.3, Environmental Impacts and Recommendations, Mammoth Pool Project (FERC Project No. 2085), River Corridor Recreation, second paragraph, second bullet. The second bullet is revised to read:

> "SCE will provide pre-spill whitewater flow releases below Mammoth Pool Dam in Wet and Above Normal Years. The presence of Wet and Above Normal Years will be determined by the Department of Water Resources (DWR) in its forecast for the projected water runoff for the San Joaquin River Basin.
>
> Pre-spill releases have the potential to impact flood control and water supply operations downstream of the Mammoth Pool Reservoir. Prior to making pre-spill releases, SCE will consult with the Bureau of Reclamation

(BOR) (or the current operator of Friant Dam). If the BOR determines that a pre-spill release will adversely impact BOR flood control or water supply operations, SCE will not make the planned pre-spill release. In that event, SCE will make a good faith effort to identify another time acceptable to the BOR when pre-spill releases may be made.

WET YEARS

In Wet years, SCE will provide a continuous release of between approximately 700 cfs and 850 cfs until such time as Mammoth Pool Dam spills. This pre-spill whitewater release would begin on April 15 on the condition that both the Minarets Road is open to public travel, and, the Mammoth Pool Reservoir water surface elevation is at least 3,230 feet. If these two conditions have not been met on April 15, then pre-spill whitewater releases will be postponed until such time as the two conditions are met. If, on April 15 or the date upon which Mammoth Pool Road is open, and Mammoth Pool Dam is spilling, SCE will have no further responsibilities to provide whitewater recreation flows for the year.

ABOVE NORMAL YEARS

To provide whitewater boating opportunities during Above Normal water years, SCE will provide pre-spill whitewater releases below Mammoth Pool Dam of between approximately 700 cfs and 850 cfs for two consecutive weekend days. At a minimum, the whitewater flows would be provided between the hours of 10 AM to 4 PM over one weekend. These pre-spill whitewater releases would be made the first weekend after April 15 that the Mammoth Pool Road is open, and the Mammoth Pool Reservoir water surface elevation is at least 3,230 feet. If by that weekend, Mammoth Pool Dam is spilling, SCE will have no further responsibilities to provide whitewater releases for that year."

(21) Page 5.2.10-5, Section 5.2.10.3, Affected Environment, Existing Land Use. First paragraph, first sentence. The first sentence is revised to read:

"Mammoth Pool Project, owned and operated by SCE, occupies 2,036.64 acres within the SNF in unincorporated Madera and Fresno counties."

(22) Page 5.2.10-5, Section 5.2.10.3, Affected Environment, Existing Land Use, second paragraph, first sentence. The second sentence is revised to read:

"Mammoth Pool Reservoir located on the San Joaquin River at a full reservoir surface elevation of 3,330 feet msl, is the third largest reservoir in the Big Creek System (BCS) with a useable storage capacity of 119,940 acre-feet."

(23) Page 5-3-11, Section 5.3.6, Cumulative Effects on Hydroelectric Generation and Air Quality, fourth paragraph, first sentence. The first sentence is revised to read:

> "Under the Proposed Action, the recommended MIF increases and CRMFs for the four Big Creek ALP Projects result in an annual loss of generation in the BCS ranging from approximately 6.3% - 6.7 % (213 GWh – 222 GWh) compared to the No Action Alternative."

Section 8.0. Comprehensive Development and Preferred Alternative

(24) Page 6-60, Section 6.1.9, Hydroelectric Generation and Air Quality, first paragraph. The first paragraph is revised to read:

> "Under Alternative 1, the recommended MIF increases and flows for channel and riparian maintenance for the four Big Creek ALP Projects result in an annual loss of generation in the Big Creek System ranging from approximately 10.8% - 11.2% (364 GWh – 379 GWh) compared to the No Action Alternative. This range in generation loss represents system modeling of representative water years under two scenarios. The lower loss scenario assumes that the operation of diversions by SCE in the representative water years matched historic operations, in which operation of diversions is sometimes limited by access or other factors. In the higher loss scenario, the maximum permitted and authorized diversion of water for generation was assumed to have occurred for both Alternative 1 and the No Action Alternative (in other words, no over-releases and diversions are always turned in when any excess water above Minimum Instream Flow releases requirements is available). The increase in annual air emissions associated with increased fossil-fuel generation required to offset the decrease in hydroelectric generation range from 170,752 – 178,209 tons of carbon dioxide per year. The overall effect will be a decrease in hydroelectric generation, higher electric rates, and an increase in air emissions associated with increased fossil-fuel replacement generation."

(25) Page 6-70, Section 6.3.5.8, Conclusion, first paragraph and data table. The first paragraph and data table are revised to read:

> "Environmental measures related to MIFs and CRMFs in the Proposed Action would result in substantial annual generation losses for the Big Creek System (BCS) of 6.3%- 6.7% (213−222 GWh) over the No Action Alternative. This generation loss would require that other generation sources be utilized to meet current demand (e.g., fossil fuel). Use of this alternative method for generation would result in an increase in annual total carbon dioxide emissions estimated to range from 99,814 tons/yr – 104,805 tons/yr based upon the use of natural gas as a substitute fuel. The annual generation loss in the BCS resulting from flow recommendation under Alternative 1 would range from 10.8%-11.2% GWh). The generation loss in Alternative 1 is approximately 67% higher than the losses under the

Proposed Action. The generation losses in Alternative 1 will result in an annual increase in air emissions estimated to range from 170,752 tons/yr – 178,209 tons/yr."

Alternative	Lost Generation (GWH per year)	Lost Generation (%)	Increased Air Emissions (CO^2 tons per year)
Proposed Action	213 – 222	6.3 - 6.7	99,814 – 104,805
Alternative 1	364 - 379	10.8 - 11.2	170,752 – 178,209

(26) Page 7-1, Section 7.1.1, No Action Alternative, first paragraph. The first paragraph is revised to read:

"The existing Project represents the No Action Alternative. Under this alternative, there would be no change in the current operation of the Projects or facilities. SCE would not provide any additional environmental or cultural measures above those in the existing licenses. Without a change from the existing conditions, there would be no additional costs under this alternative. The annual operating cost of the existing Project is approximately $48,561,184 (Table 7.1-1). Under the No Action Alternative, the four Big Creek ALP Projects would generate an average of 3,107,049 MWh of electricity annually and have an annual power value of $251,586,526. This results in a net annual benefit of $203,025,362 to SCE's customers."

(27) Page 7-2, Section 7.1.2, Proposed Action, first paragraph. The first paragraph is revised to read:

"The Proposed Action includes implementation of the new environmental measures described in Section 3.1.7. Costs associated with all four Big Creek ALP Projects are provided in Table 7.1-2. The Proposed Action results in an average generation of 2,895,864 MWh of electricity annually, an annual power value of $239,403,874, and total annual costs of $50,384,587 for all four Big Creek ALP Projects combined (Table 7.1-1). The resulting net annual benefit to SCE's customers is $189,016,287. This represents an annual energy loss of about 211,185 MWh (6.8%) and an annual $14,009,075 in reduced benefits to SCE customers compared to the No Action Alternative. Only generation effects at the four Big Creek ALP Projects are included in these estimates. An additional 1,326 MWh of generation is lost annually under the Proposed Action at the Big Creek No. 4 Project (FERC Project No. 2017) and the Portal Hydroelectric Power Project (FERC Project No. 2174). This represents an additional reduction in the annual benefits to SCE's customers of $76,493 compared to the No Action Alternative."

(28) Page 7-2, Section 7.1.3, Alternative 1, first paragraph. The first paragraph is revised to read:

> "Alternative 1 includes the implementation of new environmental measures described in Section 3.2. Under Alternative 1, the four Big Creek ALP Projects would generate an average of 2,749,421 MWh of electricity annually, have an annual power value of $230,956,001, and total annual costs of $50,387,587, resulting in a net annual benefit to SCE customers of $180,568,414 (Table 7.1-1). This represents an energy loss of about 357,628 MWh (11.51%) and an annual reduction of $22,456,948 in benefits to SCE customers compared to the No Action Alternative. An additional 5,882 MWh of generation is lost annually under Alternative 1 at the Big Creek No. 4 Project (FERC Project No. 20174) and Portal Hydroelectric Power Project (FERC Project No. 2174). This represents an additional reduction in the annual benefits to SCE's customers of $339,316 compared to the No Action Alternative."

(29) Table 7.0-2, Cost of Environmental Measures Recommended in the Proposed Action and Resulting Reduction in Annual Energy Benefits by Project.

An update of this table (7.0-2) is provided in Attachment 1.

(30) Table 7.1-1, Comparison of Annual Project Benefits and Costs and Net Annual Benefits for the No Action Alternative, Proposed Action and Alternative 1 for the Four Big Creek ALP Projects.

An update of this table (7.1-1) is provided in Attachment 2.

(31) Page 8-2, Section 8.0, Comprehensive Development and Preferred Alternative, Preferred Alternative, second paragraph. The second paragraph is revised to read:

> "Both the Proposed Action and Alternative 1 provide for flows that are intended to either protect or enhance existing resources, including aquatic habitat, riparian habitat and meadows, and recreation. However, the resulting effects on hydroelectric generation and air quality differ markedly among the alternatives. Environmental measures recommended in Alternative 1 result in approximately 67% higher generation losses and increased air emissions than those in the Proposed Action. Section 6.3 provides a comparison of the Proposed Action and Alternative 1."

(32) Page 8-3, Preferred Alternative, first bullet. The first bullet is revised to read:

> "Commitments by SCE to enhance recreational opportunities, and to meet Americans with Disabilities Act (ADA) requirements at the time of construction/rehabilitation. SCE will be responsible for the full cost of rehabilitating the following existing recreation facilities associated with the Mammoth Pool Project (Mammoth Pool Campground, Mammoth Boat

Launch, Windy Point Picnic Area, China Bar Boat Camp) and will partner with the USDA-FS in equally sharing (50:50) the cost of rehabilitating existing recreation facilities in the vicinity of the three Big Creek ALP Projects that are operated by the Forest (Big Creek Nos. 1 and 2 (FERC Project No. 2175), Big Creek Nos. 2A, 8, and Eastwood (FERC Project No. 67)), and Big Creek No. 3 (FERC Project No. 120). SCE is also committed to expanding existing interpretative programs; maintaining high water surface elevations at the four Big Creek ALP Projects during the recreation season; partially fund fish stocking in Project reservoirs and bypass reaches; and providing flow releases and real time flow information to enhance whitewater boating opportunities."

VOLUME 3 – SUPPORTING DOCUMENTS

Supporting Document - F: Biological Assessment/Biological Evaluation (BA/BE)

Biological Assessment/Biological Evaluation for Southern California Edison's Big Creek Hydroelectric Projects

(33) Page 36, Section 4.5 New Environmental Measures, Terrestrial Resources, Implement the Wildlife Mortality Monitoring Measure.

SCE has withdrawn the Wildlife Mortality License Article from the Application. A discussion pertaining to the removal of this measure is provided in SCE's response to Additional Information Request No. 14 (Schedule B) included in this filing.

(34) Page 39, Section 4.5 New Environmental Measures, Recreation Resources, Recreation Facility Rehabilitation. The paragraph is revised to read:

"SCE will be responsible for the full cost of rehabilitation of the following existing recreation facilities operated by the Forest associated with the Mammoth Pool Project: (Mammoth Pool Campground, Mammoth Boat Launch, Windy Point Picnic Area, China Bar Boat Camp) SCE will be responsible for 50% of the cost for major rehabilitation of recreation facilities in the vicinity of the three Big Creek ALP Projects that are operated by the Forest (Big Creek Nos. 1 and 2 (FERC Project No. 2175), Big Creek Nos. 2A, 8, and Eastwood (FERC Project No. 67) and Big Creek No. 3 (FERC Project No. 120)."

(35) Page 39, Section 4.5 New Environmental Measures, Recreation Resources, Fish Stocking. The paragraph is revised to read:

"SCE will match equally the CDFG stocking for the Mammoth Pool Project of Rainbow Trout, up to the following amounts annually: in Mammoth Pool Reservoir 6,000 fingerlings and 5,000 catchables; and in Rock Creek 2,000 fingerlings. SCE will match (50:50) CDFG stocking of Project-related reservoirs and bypass streams associated with the three Big Creek ALP

Projects (Big Creek Nos. 1 and 2 (FERC Project No. 2175), Big Creek Nos. 2A, 8, and Eastwood (FERC Project No. 67) and Big Creek No. 3 (FERC Project No. 120)."

(36) Page 80, Section 6.1, Mammoth Pool Project, Monitoring of Wildlife Mortality.

SCE has withdrawn the Wildlife Mortality License Article from the Application. A discussion pertaining to the removal of this measure is provided in SCE's response to Additional Information Request No. 14 (Schedule B) included in this filing.

(37) Page 85, Section 6.2, Big Creek Nos. 1 and 2 Project, Monitoring of Wildlife Mortality.

SCE has withdrawn the Wildlife Mortality License Article from the Application. A discussion pertaining to the removal of this measure is provided in SCE's response to Additional Information Request No. 14 (Schedule B) included in this filing.

(38) Page 90, Section 6.3, Big Creek Nos. 2A, 8, and Eastwood Project, Monitoring of Wildlife Mortality.

SCE has withdrawn the Wildlife Mortality License Article from the Application. A discussion pertaining to the removal of this measure is provided SCE's response to Additional Information Request No. 14 (Schedule B) included in this filing.

(39) Page 94, Section 6.4, Big Creek No. 3, Monitoring of Wildlife Mortality.

SCE has withdrawn the Wildlife Mortality License Article from the Application. A discussion pertaining to the removal of this measure is provided SCE's response to Additional Information Request No. 14 (Schedule B) included in this filing.

(40) Page 1 of Table 4-5 Vegetation Management in the Vicinity of the Four Big Creek ALP Projects, Mammoth Pool Project.

Remove "Recreation-Mammoth Pool Reservoir" and "Windy Point Picnic Area." The Forest Service is responsible for vegetation management at these facilities.

(41) Page 6 of Table 4-5 Vegetation Management in the Vicinity of the Four Big Creek ALP Projects, Big Creek 2A, 8, and Eastwood.

Remove "Dorabelle Campground" and "Dorabelle Day Use Picnic Area." The Forest Service is responsible for vegetation management at these facilities.

Supporting Document-G (SD-G): Management and Monitoring Plans

Vegetation and Integrated Pest Management Plan

(42) Page 1, Appendix A, Vegetation Management in the Vicinity of the Big Creek Projects, Mammoth Pool Project.

> Remove "Recreation Facilities", "Mammoth Pool Campground", and "Windy Point Picnic Area." The Forest Service is responsible for vegetation management at these facilities.

(43) Page 5, Appendix A, Vegetation Management in the Vicinity of the Big Creek Projects, Big Creek Nos. 2A, 8, and Eastwood Project.

> Remove "Dorabelle Campground" and "Dorabelle Day Use Picnic Area." The Forest Service is responsible for vegetation management at these facilities.

(44) Page D-1, Appendix D, Location of Special-status and Invasive/Exotic Species Where Vegetation Management Occurs, Mammoth Pool.

> Remove "Recreation Features-Mammoth Pool Reservoir", "Mammoth Pool Campground", and "Windy Point Picnic Area." The Forest Service is responsible for vegetation management at these facilities.

(45) Page D-7, Appendix D, Location of Special-status and Invasive/Exotic Species Where Vegetation Management Occurs, Big Creek Nos. 2A, 8, and Eastwood.

> Remove "Dorabelle Campground" and "Dorabelle Day Use Picnic Area." The Forest Service is responsible for vegetation management at these facilities.

Recreation Resources: Recreation Management Plan Overview

(46) Page 2, Recreation Facility Rehabilitation, first paragraph, first sentence. The first sentence is revised to read:

> "SCE will be responsible for the full cost of rehabilitation of the following existing recreation facilities operated by the Forest associated with the Mammoth Pool Project: (Mammoth Pool Campground, Mammoth Boat Launch, Windy Point Picnic Area, China Bar Boat Camp). SCE will be responsible for 50% of the cost for major rehabilitation of recreation facilities in the vicinity of the three Big Creek ALP Projects that are operated by the Forest (Big Creek Nos. 1 and 2 (FERC Project No. 2175), Big Creek Nos. 2A, 8, and Eastwood (FERC Project No. 67) and Big Creek No. 3 (FERC Project No. 120)."

(47) Page 4, Fish Stocking, first paragraph, second sentence. The second sentence is revised to read:

> "SCE will match equally the CDFG stocking for the Mammoth Pool Project of Rainbow Trout, up to the following amounts annually: in Mammoth Pool Reservoir 6,000 fingerlings and 5,000 catchables; and in Rock Creek 2,000 fingerlings. SCE will match (50:50) CDFG stocking of Project-related reservoirs and bypass streams associated with the three Big Creek ALP Projects (Big Creek Nos. 1 and 2 (FERC Project No. 2175), Big Creek Nos. 2A, 8, and Eastwood (FERC Project No. 67) and Big Creek No. 3 (FERC Project No. 120)."

(48) Page 4, Whitewater Recreation, second paragraph, first sentence. The first sentence is revised to read:

> "An Internet website will be established to provide hourly flow data including the daily averages from the previous 7 days, and anticipated dates (and updates) of recommended whitewater flow releases between May 1 and July 31."

(49) Page 4, Whitewater Recreation, third paragraph. The third paragraph is revised to read:

> "SCE will provide pre-spill whitewater flow releases below Mammoth Pool Dam in Wet and Above Normal Years. The presence of Wet and Above Normal Years will be determined by the Department of Water Resources (DWR) in its forecast for the projected water runoff for the San Joaquin River Basin.
>
> Pre-spill releases have the potential to impact flood control and water supply operations downstream of the Mammoth Pool Reservoir. Prior to making pre-spill releases, SCE will consult with the Bureau of Reclamation (BOR) (or the current operator of Friant Dam). If the BOR determines that a pre-spill release will adversely impact BOR flood control or water supply operations, SCE will not make the planned pre-spill release. In that event, SCE will make a good faith effort to identify another time acceptable to the BOR when pre-spill releases may be made.
>
> **WET YEARS**
>
> In Wet years, SCE will provide a continuous release of between approximately 700 cfs and 850 cfs until such time as Mammoth Pool Dam spills. This pre-spill whitewater release would begin on April 15 on the condition that both the Minarets Road is open to public travel, and, the Mammoth Pool Reservoir water surface elevation is at least 3,230 feet. If these two conditions have not been met on April 15, then pre-spill whitewater releases will be postponed until such time as the two conditions are met. If, on April 15 or the date upon which Mammoth Pool Road is open, and Mammoth Pool Dam is spilling, SCE will have no further responsibilities to provide whitewater recreation flows for the year.

ABOVE NORMAL YEARS

To provide whitewater boating opportunities during Above Normal water years, SCE will provide pre-spill whitewater releases below Mammoth Pool Dam of between approximately 700 cfs and 850 cfs for two consecutive weekend days. At a minimum, the whitewater flows would be provided between the hours of 10 AM to 4 PM over one weekend. These pre-spill whitewater releases would be made the first weekend after April 15 that the Mammoth Pool Road is open, and the Mammoth Pool Reservoir water surface elevation is at least 3,230 feet. If by that weekend, Mammoth Pool Dam is spilling, SCE will have no further responsibilities to provide whitewater releases for that year."

License Articles

(50) Wildlife Mortality Monitoring License Article.

SCE has withdrawn the Wildlife Mortality License Article from the Application. A discussion pertaining to the removal of this measure is provided in SCE's response to Additional Information Request No. 14 (Schedule B) included in this filing.

APPLICATION FOR NEW LICENSE – MAMMOTH POOL PROJECT

VOLUME 5

Exhibit G: Project Maps

(51) Page G-3 Revisions to Exhibit G maps currently approved by FERC. The first bullet is revised to read:

"Drawing No. 53364-4, Sheet No. 7012-3: The Shakeflat Creek Trail from Forest Service Road 7S20 to the stream flow gaging station located on the San Joaquin River upstream of the Shakeflat Creek confluence has been added to the drawing. The addition of this trail has increased total Project acreage by 0.7 acre."

Exhibit F: Design Drawings and Supporting Design Report

(52) Sheet No. 7017-1, Drawing No. 534568-1, Penstock and Surge Chamber Mammoth Pool Project.

An update of this item is provided as Sheet No. 7017-1 Drawing No. 534568-2 in Response to License Application Deficiencies (Schedule A) and Additional Information Requests (Schedule B) and Errata/Update Volume 3, which contains Critical Energy Infrastructure Information-Do Not Release.

This Drawing is not included here in accordance with the Commission regulations at 18 CFR Section 388.113. It is identified as "Critical Energy

Infrastructure Information-Do Not Release." Volume 3 is exempt from the mandatory disclosure requirements of the Freedom of Information Act (FOIA) and is withheld from public disclosure. This information is not available in FERC's Public Reference Room, and is not available on the Commission's electronic library, except as an indexed item.

ATTACHMENT 1

TABLE 7.0-2

Table 7.0-2. Cost of Environmental Measures Recommended in the Proposed Action and Resulting Reduction in Annual Energy Benefits by Project.

Environmental Measures	Year(s) Implemented	Capital and One-Time Costs (2005$)	Annual Costs (2005$)	Annualized Costs (2005$)	Reduction in Annual Energy Benefits (2005$)
MAMMOTH POOL PROJECT (FERC Project No. 2085)					
WATER AND AQUATIC RESOURCES					
Implement New Minimum Instream Flow and Channel Riparian Maintenance Flow Releases	**5-46**		**$3,000**	**$2,865**	**-$281,455**
Maintain New Gaging Stations	**1-46**		**$12,000**	**$15,213**	**(Above is a net gain)**
Complete Required Infrastructure Modifications (MIF releases and gaging)					
Mammoth Pool Dam	**2-5**	**$4,300,000**		**$313,288**	
Ross Creek Diversion	**2-5**	**$225,000**		**$16,393**	
Rock Creek Diversion	**2-5**	**$175,000**		**$12,750**	
Implement Monitoring Program					
Temperature	**6-10**		**$50,000**	**$13,474**	
Flow	**1-46**		**$30,000**	**$38,032**	
Develop Sediment Management Plan	**1**	**$5,000**		**$434**	
Implement Sediment Management Plan (HB valve operation)	**2-46**		**$2,000**	**$2,362**	
Implement Sediment Management Plan - (CDFG Streambed Alteration Permit and Renewal)[1]	**Every 5 years**		**$7,400**	**$1,913**	
Implement Sediment Management Plan - (Tunnel Muck Spoil Pile)	**1-5**	**$25,000**		**$2,080**	
Large Woody Debris Removal	**1-46**		**$3,650**	**$5,090**	
TERRESTRIAL RESOURCES					
Implement Wildlife Habitat Enhancement	**1-46**		**$2,000**	**$2,535**	
Implement Management Plans					
Bald Eagle	**Every 5 years**		**$10,000**	**$3,066**	
VELB	**1-46**		**$13,000**	**$16,480**	
Vegetation and Integrated Pest	**1-46**		**$11,000**	**$13,945**	
Implement Proposed License Articles (Mule Deer, Special-status Species, Bats, Bear-Human, Wildlife Mortality)	**1-46**	**$2,000**	**$6,000**	**$7,780**	
Implement Environmental Programs (Environmental, ESAP, Avian, Noxious Weed, NHSSIP, Environmental Compliance)	**1-46**	**$25,000**	**$2,500**	**$5,338**	
Attend Annual Consultation Meeting (Agencies and Tribes)	**1-46**		**$2,000**	**$2,535**	
RECREATION RESOURCES					
Develop Recreation Management Plan	**1**	**$8,000**		**$694**	
Implement Recreation Management Plan					
Asset Management and Concentrated Use Maintenance (Non-FERC Agreement)	**1-46**		**$5,000**	**$6,972**	
Capitol Purchase of Boat for Concentrated Use Maintenance (Non-FERC Agreement)	**1**	**$5,000**		**$477**	
Recreation Facility Minor Rehabilitation (Non-FERC Agreement)	**1-46**		**$32,100**	**$44,763**	
Rehabilitation of Existing Recreation Facilities (100% cost share)	**11-20**	**$1,900,000**		**$62,797**	
Interpretative Program	**1**		**$19,400**	**$1,851**	
Manage Reservoir WSE	**1-46**		**$2,000**	**$2,535**	
Dissemination of Reservoir Water Surface Elevation Information	**1-46**		**$2,000**	**$2,789**	
Fund Fish Stocking (50% cost share)	**1-46**		**$25,185**	**$31,928**	
Dissemination of Flow Information (whitewater boating)	**1-46**		**$5,000**	**$6,339**	
Provide Pre-spill Whitewater Boating Releases (wet years only)	**16 years**		**$3,400**	**$2,058**	
Prepare Report on Recreation Resources (every 6 years)	**Every 6 years**		**$5,000**	**$812**	
Attend Annual Consultation Meeting (Agencies and Tribes)	**1-46**		**$2,000**	**$2,535**	
LAND MANAGEMENT					
Implement Management Plans					
Visual Resources	**1-5**	**$10,000**		**$756**	
Transportation System	**1-46**		**$10,000**	**$12,677**	
Attend Annual Consultation Meeting (Agencies and Tribes)	**1-46**		**$2,000**	**$2,535**	
CULTURAL RESOURCES					
Implement a Historic Properties Management Plan	**1-46**	**$41,000**	**$4,000**	**$8,627**	
Implement Environmental Programs (Environmental, Cultural Awareness)	**1-46**		**$1,000**	**$1,268**	
Attend Annual Consultation Meeting (Agencies and Tribes)	**1-46**		**$2,000**	**$2,535**	

Table 7.0-2. Cost of Environmental Measures Recommended in the Proposed Action and Resulting Reduction in Annual Energy Benefits by Project.

Environmental Measures	Year(s) Implemented	Capital and One-Time Costs (2005$)	Annual Costs (2005$)	Annualized Costs (2005$)	Reduction in Annual Energy Benefits (2005$)
BIG CREEK NOS. 1 & 2 (FERC Project No. 2175)					
WATER AND AQUATIC RESOURCES					
Implement New Minimum Instream Flow and Channel Riparian Maintenance Flow Releases	1-44		$2,000	$2,477	$8,999,881
Maintain New Gaging Stations	1-44		$12,000	$14,863	
Complete Required Infrastructure Modifications (MIF releases and gaging)					
Ely Creek Diversion	2-5	$75,000		$6,045	
Balsam Creek Diversion	2-5	$75,000		$6,045	
Dam 4	2-5	$610,000		$49,168	
Implement Monitoring Programs					
Temperature	6-10		$40,000	$2,169	
Flow	1-44		$30,000	$37,157	
Develop Sediment Management Plan	1	$5,000		$450	
Implement Sediment Management Plan	2-44		$4,000	$4,594	
TERRESTRIAL RESOURCES					
Implement Wildlife Habitat Enhancement	1-44		$2,000	$2,477	
Implement Management Plans					
Bald Eagle	1, 5, 10, 15, 20, 25, 30, 35, 40		$10,000	$3,002	
Vegetation and Integrated Pest	1-44		$11,000	$1,239	
Implement Proposed License Articles (Special-status Species, Bats, Bear-Human, Wildlife Mortality)	1-44	$2,000	$6,000	$7,612	
Implement Environmental Programs (Environmental, ESAP, Avian, Noxious Weed, NHSSIP, Environmental Compliance)	1-44	$25,000	$2,500	$5,347	
Attend Annual Consultation Meeting (Agencies and Tribes)	1-44		$2,000	$2,477	
RECREATION RESOURCES					
Develop Recreation Management Plan	1	$15,000		$1,350	
Implement Recreation Management Plan					
Rehabilitation of Existing Recreation Facilities (50% cost share)	1-10[5]; 21-30[6]	$3,400,000		$162,260	
Construct New Recreation Facilities/Features (50% cost share)	2-10	$175,000		$10,741	
Manage Reservoir WSE	1-44		$2,000	$2,477	
Fund Fish Stocking (50% cost share)	1-44		$18,000	$2,477	
Prepare Report on Recreation Resources (every 6 years)	6, 12, 18, 24, 36		$10,000	$1,538	
Attend Annual Consultation Meeting (Agencies and Tribes)	1-44		$2,000	$2,477	
LAND MANAGEMENT					
Implement Management Plans					
Visual Resources	2-5	$5,000		$374	
Transportation System	1-44		$2,000	$2,477	
Attend Annual Consultation Meeting (Agencies and Tribes)	1-44		$2,000	$2,477	
CULTURAL RESOURCES					
Implement a Historic Properties Management Plan	1-44	$41,000	$4,000	$8,645	
Implement Environmental Programs (Environmental, Cultural Awareness)	1-44		$1,000	$1,239	
Attend Annual Consultation Meeting (Agencies and Tribes)	1-44		$2,000	$2,477	

Table 7.0-2. Cost of Environmental Measures Recommended in the Proposed Action and Resulting Reduction in Annual Energy Benefits by Project.

Environmental Measures	Year(s) Implemented	Capital and One-Time Costs (2005$)	Annual Costs (2005$)	Annualized Costs (2005$)	Reduction in Annual Energy Benefits (2005$)
BIG CREEK NOS. 2A, 8, and Eastwood (FERC Project No. 67)					
WATER AND AQUATIC RESOURCES					
Implement New Minimum Instream Flow and Channel Riparian Maintenance Flow Releases	1-44[7]		$8,000	$9,909	$2,826,784
Maintain Gaging Stations	1-44		$8,000	$9,909	
Complete Required Infrastructure Modifications (MIF releases and gaging)					
Dam 5	2-5	$825,000		$66,497	
Mono Creek Diversion	2-5	$505,000		$40,704	
Gate2/Tunnel 7 Outlet (North Fork Stevenson Creek)	2-5	$300,000		$24,181	
Bolsillo Creek Diversion	2-5	$50,000		$4,030	
Camp 62 Creek Diversion	2-5	$50,000		$4,030	
Crater Creek Diversion	2-5	$750,000		$60,452	
Implement Monitoring Programs					
Fish	5, 10, 20, 40		$36,000	$5,113	
Temperature	6-10		$122,000	$33,083	
Flow	1-44		$14,000	$17,340	
Riparian	1, 15, 30		$75,000	$10,056	
Develop Sediment Management Plan	1	$15,000		$1,350	
Implement Sediment Management Plan	2-44		$10,000	$11,486	
TERRESTRIAL RESOURCES					
Implement Wildlife Habitat Enhancement	1-44		$2,000	$2,477	
Implement Management Plans					
Bald Eagle	1, 5, 10, 15, 20, 25, 30, 35, 40		$10,000	$3,002	
VELB	1-44		$13,000	$16,102	
Vegetation and Integrated Pest	1-44		$11,000	$13,624	
Implement Proposed License Articles (Mule Deer, Special-status Species, Bats, Bear-Human, Wildlife Mortality)	1-44	$2,000	$6,000	$7,612	
Implement Environmental Programs (Environmental, ESAP, Avian Protection, Noxious Weeds, NHSSIP, Environmental Compliance)	1-44	$25,000	$2,500	$5,347	
Attend Annual Consultation Meeting (Agencies and Tribes)	1-44		$2,000	$2,477	
RECREATION RESOURCES					
Develop Recreation Management Plan		$15,000		$1,350	
Implement Recreation Management Plan					
Operation and Maintenance of Recreation Facilities	1-44		$62,500	$77,411	
Rehabilitation of Existing Recreation Facilities (50% cost share)	1-10[2]; 11-20[3], 21-30[4]	$4,600,000		$162,260	
Construct New Recreation Facilities/Features (50% cost share)	11-20	$50,000		$1,610	
Manage Reservoir WSE	1-44		$2,000	$2,477	
Fund Fish Stocking (50% cost share)	1-44		$25,000	$30,964	
Dissemination of Flow Information (whitewater boating)	1-44		$5,000	$6,193	
Prepare Report on Recreation Resources (every 6 years)	6, 12, 18, 24, 36		$10,000	$1,538	
Attend Annual Consultation Meeting (Agencies and Tribes)	1-44		$2,000	$2,477	
LAND MANAGEMENT					
Implement Management Plans					
Transportation System	1-44		$15,000	$18,579	
Attend Annual Consultation Meeting (Agencies and Tribes)	1-44		$2,000	$2,477	
CULTURAL RESOURCES					
Implement a Historic Properties Management Plan	1-44	$243,000	$30,000	$59,034	
Implement Environmental Programs (Environmental, Cultural Awareness)	1-44		$1,000	$1,239	
Attend Annual Consultation Meeting (Agencies and Tribes)	1-44		$2,000	$2,477	

Table 7.0-2. Cost of Environmental Measures Recommended in the Proposed Action and Resulting Reduction in Annual Energy Benefits by Project.

Environmental Measures	Year(s) Implemented	Capital and One-Time Costs (2005$)	Annual Costs (2005$)	Annualized Costs (2005$)	Reduction in Annual Energy Benefits (2005$)
BIG CREEK NO. 3 (FERC Project No. 120)					
WATER AND AQUATIC RESOURCES					
Implement New Minimum Instream Flow and Channel Riparian Maintenance Flow Releases	**1-44**[7]		**$0**	**$0**	**$637,443**
Implement Monitoring Program					
Temperature	**6-10**		**$40,000**	**$10,847**	
Flow	**1-44**		**$5,000**	**$6,193**	
Develop Sediment Management Plan	**1**	**$5,000**		**$450**	
Implement Sediment Management Plan	**2-44**		**$2,000**	**$2,297**	
TERRESTRIAL RESOURCES					
Implement Wildlife Habitat Enhancement	**1-44**		**$2,000**	**$2,477**	
Implement Management Plans					
Bald Eagle	**1, 5, 10, 15, 20, 25, 30, 35, 40**		**$10,000**	**$3,002**	
VELB	**1-44**		**$13,000**	**$16,102**	
Vegetation and Integrated Pest	**1-44**		**$11,000**	**$13,624**	
Implement Proposed License Articles (Special-status Species, Bats, Bear-Human, Wildlife Mortality)	**1-44**		**$6,000**	**$7,431**	
Implement Environmental Programs (Environmental, ESAP, Avian, Noxious Weed, NHSSIP, Environmental Compliance)	**1-44**	**$25,000**	**$2,500**	**$5,347**	
Attend Annual Consultation Meeting (Agencies and Tribes)	**1-44**		**$2,000**	**$2,477**	
RECREATION RESOURCES					
Develop Recreation Management Plan	**1**	**$2,000**		**$180**	
Implement Recreation Management Plan					
Rehabilitation of Existing Recreation Facilities (50% cost share)	**11-20**	**$50,000**		**$1,610**	
Prepare Report on Recreation Resources (every 6 years)	**6, 12, 18, 24, 36**		**$2,000**	**$308**	
Attend Annual Consultation Meeting (Agencies and Tribes)	**1-44**		**$2,000**	**$2,477**	
LAND MANAGEMENT					
Implement Management Plans					
Transportation System	**1-44**		**$1,000**	**$1,239**	
Attend Annual Consultation Meeting (Agencies and Tribes)	**1-44**		**$2,000**	**$2,477**	
CULTURAL RESOURCES					
Implement a Historic Properties Management Plan	**1-44**	**$41,000**	**$4,000**	**$8,645**	
Implement Environmental Programs (Environmental, Cultural Awareness)	**1-44**		**$1,000**	**$1,239**	
Attend Annual Consultation Meeting (Agencies and Tribes)	**1-44**		**$2,000**	**$2,477**	
Total		***$11,981,000***	***$748,000***	***$1,712,133***	***$12,182,653***

[1]Exisitng CDFG 1600 Permit in effect until year 4, new permit fee $7,200 with renew fee of $200 after 5 years, equals $7,400 cost per ten years.

[2]Years 1-10 cost = $900,000

[3]Years 11-20 cost = $2,700,000

[4]Years 21-30 cost = $1,000,000

[5]Years 1-10 cost = $2,250,000

[6]Years 21-30 cost = $1,150,000

[7]Assumes that geomorphic flows will only occur during wet years

ATTACHMENT 2

TABLE 7.1-1

Table 7.1-1. Comparison of Annual Project Benefits and Costs, and Net Annual Benefits for the No Action Alternative, Proposed Action and Alternative 1 for the Four Big Creek ALP Projects.

Item	No Action	Proposed Action	Alternative 1
Dependable Operating Capacity (MW)	888.9	888.9	888.9
Average annual energy (MWh)[1]	3,107,049	2,895,864	2,749,421
Annual benefit ($)	251,586,526	239,403,874	230,956,001
Annual cost ($)	48,561,164	50,387,587	50,387,587
Net annual benefit ($)	203,025,362	189,016,287	180,568,414
Change in net annual benefit from No-action Alternative ($)	-	14,009,075	22,456,948
Reduction in Annual Energy Benefits (MWh)[2]	0	211,185	357,628
Percent Reduction of Annual Energy Benefits (%)	0	6.80	11.51

Footnote:

1. The average annual energy for the No Action Alternative is a 15-year average from 1990 to 2004 calculated from the actual generation from the powerhouses that comprise the four Big Creek ALP Projects. The average annual energy for the Proposed Action and Alternative 1 reflects the reduced generation that would have occurred during that 15 year period if the proposed MIFs and CRMFs had been in effect. Losses associated with the Portal Hydroelectric Project were not included.
2. The reduction in annual energy benefits is calculated by subtracting the annual energy generation in the Proposed Action and Alternative 1 from the average annual energy produced under the No Action Alternative.