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## LAND 8 FACILITY USE ASSESSMENT

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### 1.0 EXECUTIVE SUMMARY

The facility use assessment study inventoried and characterized Southern California Edison's (SCE's) Project facilities included in the Alternative Licensing Process (ALP) study area. The Project facilities were evaluated to identify land ownership, location in relationship to the Federal Energy Regulatory Commission (FERC) Project boundary, any Special Use Authorizations (SUA), proximity to the wilderness, whether the facility is above or underground, current use status, construction date history, and National Register of Historic Places (NRHP) eligibility status. In addition, the study also assessed each Project facility located in or near the wilderness areas and its consistency with the wilderness regulations and policies.

The study identified 254 Project facilities within the study area related to operation and maintenance of the Big Creek ALP Hydroelectric Projects, and 38 non-Project features in the study area. An evaluation of these facilities indicated that there are 13 or 14 Project facilities that are currently not in use. Among the 254 facilities, 12 are permitted under SUAs with the Sierra National Forest. A total of 46 facilities are located within or immediately adjacent to wilderness boundaries of which nine were identified as not currently in use.

The NRHP eligibility determination status for each facility has been summarized and presented. No new eligibility determinations were conducted as part of this study.

### 2.0 STUDY OBJECTIVES

- Identify SCE Project facilities on public lands.
- Evaluate the feasibility of removing unnecessary SCE Project facilities on public lands.
- Evaluate the consistency of Project facilities in relationship to the Wilderness Act.

### 3.0 STUDY IMPLEMENTATION

#### 3.1 STUDY ELEMENTS COMPLETED

The following elements have been completed:

- Inventoried all SCE Project facilities on public lands within the Big Creek ALP Basin.
- Evaluated the use of Project facilities in relation to SCE's hydro-generation and hydro related operations.

- Evaluated the consistency of Project facilities within wilderness areas with the Wilderness Act.

### 3.2 OUTSTANDING STUDY ELEMENTS

The following elements are outstanding:

- Identify the feasibility of removing unnecessary SCE Project facilities that are not historically significant.
- Develop recommendations for the elimination of Special Use Permits through the elimination of unnecessary Project facilities/uses or the incorporation of Project facilities/uses into the FERC License.

### 4.0 STUDY METHODOLOGY

An inventory of SCE Project facilities in the Big Creek ALP study area was compiled and cross referenced with the Sierra National Forest (SNF) information on existing SCE SUA in the Big Creek basin. This list of SCE Project facilities was further evaluated to identify those facilities that were located within or immediately adjacent to the United States Forest Service (USDA-FS) wilderness boundaries. Geographic Information Systems (GIS) were used to spatially identify the location of each Project facility in the Big Creek basin and its relationship to the wilderness boundary. Facilities were identified as 'adjacent' to a wilderness if located within 200 feet of a boundary.

Additional information obtained for each Project facility included the land ownership, relationship to the FERC Project boundary, any SUA's, if the facility is located aboveground, date of construction, current use related to operations and maintenance of the Big Creek ALP Hydroelectric Projects, and NRHP eligibility status. Construction dates for the facilities were obtained from SCE records and the Initial Information Package for the Big Creek Hydroelectric System Alternative Relicensing Process (SCE 2000).

The Wilderness Act; the Ansel Adams, John Muir, and Dinkey Lakes Wilderness Final Environmental Impact Statement (FEIS); and its associated Cultural Resources Programmatic Agreement (PA) were reviewed to assess whether facilities located in wilderness areas are consistent with current policies and objectives (USDA-FS 2001b).

## 5.0 STUDY RESULTS AND ANALYSIS

### 5.1 SOUTHERN CALIFORNIA EDISON PROJECT FACILITIES

#### Project Facilities and Non-Project Features

A complete list of SCE Project facilities and non-Project features in the Big Creek ALP study area are presented in Tables LAND 8-1 and LAND 8-2, respectively. The facilities and features are depicted in Figures LAND 8-1 through LAND 8-5. Information on each facility includes FERC Project number(s), ownership of land on which the facility is located, relationship to the FERC Project boundary, any applicable SNF SUA, proximity to wilderness boundary, whether the facility is aboveground, whether it is currently used for operation and maintenance of the Big Creek Hydroelectric projects, history in terms of construction year, and NRHP eligibility status.

Nearly all facilities presented in Table LAND 8-1 are covered by a FERC Project. Table LAND 8-2 summarizes non-Project features, which include tunnel muck sites, snow survey cabins and snow survey courses, which are permitted under SUAs, and sediment lay down areas.

The majority of the Big Creek ALP Project facilities were constructed prior to 1929. These include Big Creek Nos. 1 & 2 (FERC Project No. 2175), Big Creek No. 3 (FERC Project No. 120), and Big Creek Nos. 2A and 8 (FERC Project No. 67). Other construction of ALP Project facilities took place between 1948 to 1987. These include Mammoth Pool (FERC Project No. 2085) and FERC Project No. 67, which was expanded in 1987 with the construction of Eastwood Power Station Project.

#### Unused Project Facilities

A total of 13 or 14 out of the 254 SCE Project facilities in the Big Creek ALP study area are not currently used for operation and maintenance of the Big Creek Hydroelectric projects (Tables LAND 8-1 and LAND 8-2). These facilities include three small diversions, three domestic water diversions, one sewage treatment facility, one project power line of less than 33 KV, two incline rail lines under miscellaneous facilities, seven cabins, and three permits to use helicopters to conduct snow surveys at three snow survey courses.

#### NRHP Listed Project Facilities

In 1988, Shoup et al., evaluated the Big Creek Hydroelectric System's (System) eligibility for listing on the NRHP. That evaluation effort identified components of the System and associated support buildings and worker housing dating to the 1911-1929 Period of Significance as eligible for listing on the NRHP as a District under Criteria A, B, and C (SCE 2000). System facilities identified as contributing elements to the District include:

|              |  |
|--------------|--|
| Dams:        | Huntington Lake Dam Nos. 1, 2, and 3 (1911-1920)<br>Florence Lake Dam (1926)<br>Dam Nos. 4 (1911-1920), 5 (1921), and 6 (1923)<br>Shaver Lake Dam (1926) |
| Tunnels:     | Ward Tunnel (1925)<br>Tunnel Nos. 2, 3, 7, and 8 (1911-1920)   |
| Powerhouses: | Powerhouse No. 1 (1911-1920)<br>Powerhouse Nos. 2/2A (1911-1920/1928)<br>Powerhouse No. 3 (1923)<br>Powerhouse No. 8 (1921)                              |

NRHP eligibility information presented in Tables LAND 8-1 through LAND 8-3 was compiled from SCE 2000 and other SCE records. The terms 'Yes' and 'No' in the NRHP column of these tables represent results of Shoup's eligibility evaluation on applicable SCE facilities. Facilities that are known to be greater than or equal to 50 years old and/or are located in the FERC Project boundaries, but have not been evaluated for their eligibility, are denoted by 'ND.' Facilities known to be less than 50 years old or are located outside of the FERC Project boundary or are not appropriate for evaluation based on the historic context developed for the System are denoted by 'NA.'

## 5.2 WILDERNESS POLICIES

### Wilderness Act

The Wilderness Act (Act) of 1964 (16 U.S.C. 1131-1136) was enacted by Congress to establish a National Wilderness Preservation System on federally owned land to be administered for the use and enjoyment of the American people as wilderness. For lands defined as wilderness under the Act, it specifies allowed and prohibited uses along with special provisions permitted on wilderness areas. The passing of this Act in 1964 established the John Muir and Minarets Wilderness in the SNF. The California Wilderness Act of 1984 enlarged both of these areas and changed the name of the Minarets Wilderness to the Ansel Adams Wilderness.

The Act states agencies administering land designated as wilderness are responsible for preserving the wilderness character. While no commercial enterprise is permitted by the Act, this does not apply to uses that existed prior to the Act. Special Provisions in the Act address existing uses on lands prior to wilderness designation. Among uses permitted to continue are the use of water resource facilities and aircraft, where these uses have been established prior to the Act.

### Wilderness FEIS

The SNF updated the management direction in the Ansel Adams, John Muir, and Dinkey Lakes Wildernesses in 2001 (Wilderness FEIS) with a Record of Decision (USDA-FS 2001a). The Wilderness FEIS updated wilderness management directions

to amend those management directions in the Sierra National Forest Land and Resource Management Plan. Appendix K of the Wilderness FEIS identifies facilities known to exist in the wilderness and includes snow survey cabins, snow survey courses, snow survey sensor locations, aerial marker locations, mines, dams/impoundment structures, drift fences, non-historic structures needing minimum required evaluation, and toilets. The Wilderness FEIS policy on these facilities is as follows:

*Remove snow survey sites when they can be correlated with sites outside the wilderness.*

*If essential for safety purposes, allow cabins associated with snow measurements sites to remain in wilderness until snow courses are correlated with and removed to sites outside wilderness.*

### Cultural Resource Programmatic Agreement

A Cultural Resource Programmatic Agreement (PA) was prepared as part of the Ansel Adams, John Muir, and Dinkey Lakes Wilderness FEIS process. Signatories to the PA include the SNF and Inyo National Forest, state and federal preservation agencies, tribal representatives for lands covered by the wilderness FEIS, and regional non-governmental agencies. SCE is not a signatory on the PA. The PA's relevance to SCE facilities is limited to provisions on how the SNF would manage structures in the wilderness. The PA states that the SNF would ensure that structures used by others (than the SNF) are subject to terms negotiated with respect to each such structure and ensure that neither the character or values of the wilderness are compromised.

### 5.3 SCE FACILITIES IN AND IMMEDIATELY ADJACENT TO THE WILDERNESS

A total of 46 Project facilities in the Big Creek ALP study area were identified as within or immediately adjacent to wilderness areas. These are presented in Table LAND 8-3. For the purpose of this report, immediately adjacent to wilderness areas is considered to be within 200 feet of a wilderness boundary as mapped by the GIS database. Some facilities are tunnels that are buried below ground in the wilderness, such as the Ward Tunnel and elements of the Mono-Bear Siphon.

Six SCE snow survey cabins and eleven permits related to facilities or activities at a snow survey course (Mono Pass, Pioneer Basin, Heart lake, Volcanic Knob, Rose-Marie, Kaiser Pass, Dutch lake, Coyote Lake, and Nellie Lake) are identified within wilderness boundaries on Tables LAND 8-2 and LAND 8-3 and are also listed in Appendix K of the Wilderness FEIS. At Kaiser Pass, Dutch Lake, and Coyote Lake, SCE only has aerial snow markers under a SUA with the USDA-FS. The Dutch Lake and Coyote Lake aerial snow markers are listed in the Wilderness FEIS Appendix K. Two permits to use helicopters to conduct snow surveys at the Detachment Meadow and Mammoth Pass snow survey courses are not used by SCE (Tables LAND 8-2 and LAND 8-3). SCE SUA (PIN 4087-01) to use helicopters for snow surveys currently list Detachment Meadow and Mammoth Pass, but they do not appear in the Wilderness

FEIS Appendix K. There is no operator information available for Detachment Meadow. The Mammoth Pass Snow Course is operated by the Los Angeles Department of Water & Power (LADWP).

Of the 46 SCE Project facilities (Table LAND 8-3), ten in the wilderness and four adjacent to the wilderness have been identified as not being currently used for the operation and maintenance of Big Creek Hydroelectric projects. They include three dams and diversions, three-diversion piping, six cabins, and two locations under permit to use helicopters for snow survey. All of these facilities were built prior to the establishment of the Wilderness Act and are currently permitted under SNF SUA's.

**LITERATURE CITED**

- Shoup, Laurence H., Clinton Blount, Valerie Diamond, and Dana McGowan Seldner. 1988. The Hardest Working Water in the World: A History and Significance Evaluation of the Big Creek Hydroelectric System. Manuscript report prepared by Theodoratus Cultural Research, Fair Oaks, California, for Southern California Edison Company, Rosemead, California. National Archaeological Data Base, Document No. WRO-CA-08-1160284.
- Southern California Edison. 2000. Initial Information Package for the Big Creek Hydroelectric System Alternative Licensing Process.
- USDA-FS. 2001a. Ansel Adams, John Muir, Dinkey Lakes Wildernesses. Final Environmental Impact Statement and Appendices. (Inyo National Forest and Sierra National Forest) Pacific Southwest Region.
- USDA-FS. 2001b. Programmatic Agreement: Controlling Impacts on Historic Properties; Management of Ansel Adams, John Muir, and Dinkey Lakes Wildernesses, Sierra and Inyo National Forests.

## **TABLES**



Table LAND 8-1. List of ALP Project Facilities.

| Project Facility                   | FERC Project Numbers | Public <sup>(1)</sup> /<br>Private <sup>(2)</sup> Land | In FERC Boundary | SNF Special Use Authorization | Proximity to Wilderness (In/Near <sup>(3)</sup> /Out) | Above-ground | Currently Used | History <sup>(4)</sup> | NRHP Eligibility |
|------------------------------------|----------------------|--|------------------|-------------------------------|---|--------------|----------------|------------------------|------------------|
| <b>Dams and Diversions</b>         |                      |  |                  |                               |   |              |                |                        |                  |
| <b>Large Dams</b>                  |                      |  |                  |                               |   |              |                |                        |                  |
| Florence Lake                      | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1926                   | Yes              |
| Huntington Lake Dams 1, 2, 3, & 3a | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920              | Yes              |
| Shaver Lake                        | 67                   | Private  | Yes              | None                          | Out   | Yes          | Yes            | 1926                   | Yes              |
| Mammoth Pool                       | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1959                   | NA               |
| Mammoth Pool Spillway              | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1959                   | NA               |
| <b>Moderate Diversion Dams</b>     |                      |  |                  |                               |   |              |                |                        |                  |
| Bear Creek Diversion               | 67                   | Public   | Yes              | None                          | Near  | Yes          | Yes            | 1927                   | ND               |
| Mono Creek Diversion               | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1927                   | ND               |
| Hooper Creek                       | 67                   | Public   | Yes              | None                          | Near  | Yes          | Yes            | 1945                   | ND               |
| Pitman Creek                       | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1928                   | ND               |
| Balsam                             | 67                   | Private  | Yes              | None                          | Out   | Yes          | Yes            | 1983-1987              | NA               |
| Dam 4                              | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1913                   | Yes              |
| Dam 5                              | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1921                   | Yes              |
| Dam 6                              | 120                  | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1923                   | Yes              |
| <b>Small Diversions</b>            |                      |  |                  |                               |   |              |                |                        |                  |
| Tombstone Creek                    | 67                   | Public   | Yes              | None                          | In  | Yes          | No             | 1945                   | ND               |
| North Slide Creek                  | 67                   | Public   | Yes              | None                          | Near  | Yes          | No             | 1945                   | ND               |
| South Slide Creek                  | 67                   | Public   | Yes              | None                          | Near  | Yes          | No             | 1945                   | ND               |
| Crater Creek                       | 67                   | Public   | Yes              | None                          | In  | Yes          | Yes            | 1945                   | ND               |
| Chinquapin Creek                   | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1944                   | ND               |
| Camp 62 Creek                      | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1948                   | ND               |
| Bolsillo Creek                     | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1945                   | ND               |
| Rock Creek                         | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1957-1960              | NA               |
| Ross Creek                         | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1957-1960              | NA               |
| Balsam Creek                       | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1983-1987              | NA               |
| Ely Creek                          | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1920                   | ND               |
| Adit No. 8                         | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1926-1928              | ND               |
| <b>Lakes and Forebays</b>          |                      |  |                  |                               |   |              |                |                        |                  |
| <b>Large Reservoir</b>             |                      |  |                  |                               |   |              |                |                        |                  |
| Florence Lake                      | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1927                   | Yes              |
| Huntington Lake                    | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920              | Yes              |
| Shaver Lake                        | 67                   | Private  | Yes              | None                          | Out   | Yes          | Yes            | 1927                   | Yes              |
| Mammoth Pool Reservoir             | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1959                   | NA               |
| <b>Moderate Forebays</b>           |                      |  |                  |                               |   |              |                |                        |                  |
| Bear Diversion Pool                | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1926-1927              | ND               |
| Mono Diversion Pool                | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1926-1927              | ND               |
| Hooper Diversion Pool              | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1926-1927              | ND               |
| Pitman Diversion Pool              | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1928                   | ND               |
| Balsam Forebay                     | 67                   | Private  | Yes              | None                          | Out   | Yes          | Yes            | 1983-1987              | NA               |
| Dam 4 Forebay                      | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1914                   | ND               |
| Dam 5 Forebay                      | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1922                   | ND               |
| Dam 6 Forebay                      | 120                  | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1924                   | ND               |

Table LAND 8-1. List of ALP Project Facilities (continued).

| Project Facility  | FERC Project Numbers | Public <sup>(1)</sup> /<br>Private <sup>(2)</sup> Land | In FERC Boundary | SNF Special Use Authorization | Proximity to Wilderness (In/Near <sup>(3)</sup> /Out) | Above-ground | Currently Used | History <sup>(4)</sup> | NRHP Eligibility |
|---|----------------------|--|------------------|-------------------------------|---|--------------|----------------|------------------------|------------------|
| <b>Lakes and Forebays (continued)</b>                                 |                      |  |                  |                               |   |              |                |                        |                  |
| <b>Power Generation</b>   |                      |  |                  |                               |   |              |                |                        |                  |
| Big Creek PH No. 1  | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920              | Yes              |
| Big Creek PH No. 2  | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Big Creek PH No. 2A   | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Big Creek PH No. 8  | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1921                   | Yes              |
| Big Creek PH No. 3  | 120                  | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1923                   | Yes              |
| Eastwood Power Station  | 67                   | Public   | Yes              | PIN 4245-01                   | Out   | No           | Yes            | 1987                   | NA               |
| Mammoth Pool PH   | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1960                   | NA               |
| Mammoth Pool Fish Water Generator                                     | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1957-1960              | NA               |
| <b>Gaging Stations</b>  |                      |  |                  |                               |   |              |                |                        |                  |
| <b>Streams</b>  |                      |  |                  |                               |   |              |                |                        |                  |
| Bear Creek below Diversion Dam  | 67                   | Public   | Yes              | None                          | Near  | Yes          | Yes            | 1990                   | NA               |
| Bear Creek Conduit at diversion dam                                   | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1928                   | ND               |
| Bear Creek upstream of diversion dam (with cable crossing)            | 67                   | Public   | Yes              | None                          | In  | Yes          | Yes            | 1921                   | ND               |
| Big Creek below Dam 5 (with cable crossing)                           | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | ND               |
| Big Creek below Huntington Lake at Dam 1                              | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1925                   | ND               |
| Bolsillo Creek above Intake   | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1946                   | ND               |
| Bolsillo Creek below diversion dam                                    | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1946                   | ND               |
| Camp 62 Creek below diversion dam                                     | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1952                   | ND               |
| Chinquapin Creek below diversion dam                                  | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1952                   | ND               |
| Hooper Creek below diversion dam                                      | 67                   | Public   | Yes              | None                          | Near  | Yes          | Yes            | 1946                   | ND               |
| Huntington-Shaver Conduit gate 2 release                              | 67                   | Private  | Yes              | None                          | Out   | Yes          | Yes            | not available          | ND               |
| Mammoth Pool Fish Water Generator                                     | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1961                   | NA               |
| Middle Fork Balsam Creek below Balsam Meadows Forebay                 | 67                   | Private  | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Mono Creek below Diversion Dam  | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1927                   | ND               |
| Mono Creek Conduit at diversion dam                                   | 67                   | Public   | Yes              | None                          | Near  | Yes          | Yes            | 1927                   | ND               |
| Mono-Bear Conduit (flow meter near Camp 62)                           | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1927                   | ND               |
| North Fork Stevenson Creek at Perimeter Rd.                           | 67                   | Public   | Yes              | PIN 4245-01                   | Out   | Yes          | Yes            | 1987-1989              | NA               |
| Pitman Creek above diversion (total Flow)                             | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1928                   | ND               |
| Pitman Creek below diversion (minimum release)                        | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1927                   | ND               |
| San Joaquin River above Shakeflat Creek (with cable crossing)         | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1960                   | NA               |
| San Joaquin River above Stevenson Creek (at dam 6)                    | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1956                   | NA               |
| South Fork San Joaquin River below Hooper Creek (with cable crossing) | 67                   | Public   | No               | PIN 132                       | Out   | Yes          | Yes            | 2002                   | NA               |

Table LAND 8-1. List of ALP Project Facilities (continued).

| Project Facility                                 | FERC Project Numbers | Public <sup>(1)</sup> /<br>Private <sup>(2)</sup> Land | In FERC Boundary | SNF Special Use Authorization | Proximity to Wilderness (In/Near <sup>(3)</sup> /Out) | Above-ground | Currently Used | History <sup>(4)</sup> | NRHP Eligibility |
|--|----------------------|--|------------------|-------------------------------|---|--------------|----------------|------------------------|------------------|
| <b>Gaging Stations (continued)</b>               |                      |  |                  |                               |   |              |                |                        |                  |
| <b>Streams (continued)</b>                       |                      |  |                  |                               |   |              |                |                        |                  |
| South Fork San Joaquin River below Hooper Creek  | 67                   | Public   | Yes              | PIN 132                       | Out   | Yes          | Yes            | 1946                   | NA               |
| Stevenson Creek below Shaver Lake                | 67                   | Private  | Yes              | None                          | Out   | Yes          | Yes            | 1922                   | ND               |
| Ward Tunnel at intake                            | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1927                   | ND               |
| Balsam Creek at diversion dam                    | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1987                   | NA               |
| Camp 62 Creek at diversion dam                   | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1952                   | ND               |
| Chinquapin Creek at diversion dam                | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1944                   | ND               |
| Crater Creek Diversion Ditch near Florence Lake  | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1945                   | ND               |
| Ely Creek at diversion dam                       | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1920-1928              | ND               |
| Hooper Creek Conduit at diversion dam            | 67                   | Public   | Yes              | None                          | Near  | Yes          | Yes            | 1946                   | ND               |
| South Fork San Joaquin River near Florence Lake  | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | ND               |
| <b>Reservoir</b>                                 |                      |  |                  |                               |   |              |                |                        |                  |
| Florence Dam                                     | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1925                   | ND               |
| Huntington Dam                                   | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1913                   | ND               |
| Mammoth Pool Dam                                 | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1959                   | NA               |
| Mono Dam   | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1927                   | ND               |
| Shaver Dam                                       | 67                   | Private  | Yes              | None                          | Out   | Yes          | Yes            | 1927                   | ND               |
| <b>Powerhouse</b>                                |                      |  |                  |                               |   |              |                |                        |                  |
| Big Creek PH No.1                                | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | ND               |
| Big Creek PH No.2                                | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | ND               |
| Big Creek PH No.2A                               | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | ND               |
| Big Creek PH No.3                                | 120                  | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | ND               |
| Big Creek PH No.8                                | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | ND               |
| Mammoth Pool PH                                  | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Eastwood Power Station                           | 67                   | Public   | Yes              | PIN 4245-01                   | Out   | Yes          | Yes            | not available          | NA               |
| <b>Water Conveyance</b>                          |                      |  |                  |                               |   |              |                |                        |                  |
| <b>Powerhouse No. 1</b>                          |                      |  |                  |                               |   |              |                |                        |                  |
| 1  | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920              | Yes              |
| Tunnel No. 1                                     | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920              | Yes              |
| Incline Adit                                     | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920              | Yes              |
| Upper 84" Valve House below Huntington Lake      | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920              | Yes              |
| Upper 60" Valve House below Huntington Lake      | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920              | Yes              |
| 60" & 84" Flowlines below Huntington Lake        | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920              | Yes              |
| Lower 84" Valve House at top of PH No.1 penstock | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920              | Yes              |
| Lower 60" Valve House at top of PH No.1 penstock | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920              | Yes              |

Table LAND 8-1. List of ALP Project Facilities (continued).

| Project Facility   | FERC Project Numbers | Public <sup>(1)</sup> /<br>Private <sup>(2)</sup> Land | In FERC Boundary | SNF Special Use Authorization | Proximity to Wilderness (In/Near <sup>(3)</sup> /Out) | Above-ground | Currently Used | History <sup>(4)</sup> | NRHP Eligibility |
|--|----------------------|--|------------------|-------------------------------|---|--------------|----------------|------------------------|------------------|
| <b>Water Conveyance (continued)</b>  |                      |  |                  |                               |   |              |                |                        |                  |
| <b>Powerhouse No. 1 (continued)</b>  |                      |  |                  |                               |   |              |                |                        |                  |
| 42" Valve House at top of PH No.1 penstock                                 | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920              | Yes              |
| Vent Stacks  | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920              | Yes              |
| Penstocks  | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920              | Yes              |
| <b>Powerhouse No. 2</b>  |                      |  |                  |                               |   |              |                |                        |                  |
| Inlet Structure at Dam 4   | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Tunnel No. 2   | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Adit 1, Tunnel 2   | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Adit 2, Tunnel 2   | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Adit 3, Tunnel 2   | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Adit 4, Tunnel 2   | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Adit 5, Tunnel 2   | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Adit 6, Tunnel 2   | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Adit 7, Tunnel 2   | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Adit 7&1/2, Tunnel 2   | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Adit 8, Tunnel 2   | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Adit 7&1/2 Leakage Weir  | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Shoofly Piping & Splashgate Structure (Adit 8/Shoofly Diversion)           | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Diversion Shaft, Bulkhead and drain valve at Adit 8                        | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Balsam Creek Diversion Piping (Adit 3)                                     | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Ely Creek Diversion Piping (Adit 6)  | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Rock Trap/Surge Chamber (9' Gate House) on the railroad grade              | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| 42" Valve House and valves below railroad grade                            | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Drain piping & Valves (10" & 24") from Surge Chamber, below railroad grade | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Vent Stacks below railroad grade   | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| Penstocks  | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| <b>Powerhouse No. 2A</b>   |                      |  |                  |                               |   |              |                |                        |                  |
| Intake Gate House at Shaver Lake   | 67                   | Private  | Yes              | None                          | Out   | Yes          | Yes            | 1921                   | Yes              |
| Tunnel No. 5   | 67                   | Public/Private   | Yes              | None                          | Out   | Yes          | Yes            | 1921                   | Yes              |
| Adit 1, Tunnel 5   | 67                   | Private  | Yes              | None                          | Out   | Yes          | Yes            | 1921                   | Yes              |
| Adit 2, "Shoo fly", Tunnel 5   | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1921                   | Yes              |
| Rock Trap & Surge Chamber  | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1921                   | Yes              |
| 102" Valve House   | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1921                   | Yes              |
| Penstocks  | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1926-1928              | Yes              |
| Intake structure at Dam 5  | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1921                   | Yes              |
| Tunnel No. 8   | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1921                   | Yes              |
| Adit 1, Tunnel 8   | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1921                   | Yes              |

Table LAND 8-1. List of ALP Project Facilities (continued).

| Project Facility  | FERC Project Numbers | Public <sup>(1)</sup> /<br>Private <sup>(2)</sup> Land | In FERC Boundary | SNF Special Use Authorization | Proximity to Wilderness (In/Near <sup>(3)</sup> /Out) | Above-ground | Currently Used | History <sup>(4)</sup> | NRHP Eligibility |
|---|----------------------|--|------------------|-------------------------------|---|--------------|----------------|------------------------|------------------|
| <b>Water Conveyance (continued)</b>                       |                      |  |                  |                               |   |              |                |                        |                  |
| <b>Powerhouse No. 8 (continued)</b>                       |                      |  |                  |                               |   |              |                |                        |                  |
| Surge Chamber - includes trash drain and penstocks valves | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1921                   | Yes              |
| Penstocks   | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1921                   | Yes              |
| <b>Powerhouse No. 3</b>                                   |                      |  |                  |                               |   |              |                |                        |                  |
| Intake Gate House at Dam 6                                | 120                  | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1923                   | Yes              |
| Tunnel No. 3  | 120                  | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1923                   | Yes              |
| Adit 1, Tunnel 3  | 120                  | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1923                   | Yes              |
| Adit 2, Tunnel 3  | 120                  | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1923                   | Yes              |
| Adit 3, Tunnel 3  | 120                  | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1923                   | Yes              |
| Surge Chamber Rock/Sand Trap                              | 120                  | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1923                   | Yes              |
| Rock/Sand Trap Drain Piping & Valves                      | 120                  | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1923                   | Yes              |
| Rock Trap flushing channel                                | 120                  | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1923                   | Yes              |
| Manifold Structure  | 120                  | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1923                   | Yes              |
| Valve House   | 120                  | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1923                   | Yes              |
| Penstocks   | 120                  | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1923                   | Yes              |
| <b>Eastwood Power Station</b>                             |                      |  |                  |                               |   |              |                |                        |                  |
| Inlet Structure (Gate 4)                                  | 67                   | Private  | Yes              | None                          | Out   | Yes          | Yes            | 1983-1987              | NA               |
| Power Tunnel  | 67                   | Private/Public   | Yes              | PIN 4245-01                   | Out   | Yes          | Yes            | 1983-1987              | NA               |
| Surge Chamber   | 67                   | Public   | Yes              | PIN 4245-01                   | Out   | Yes          | Yes            | 1983-1987              | NA               |
| Tailrace Tunnel   | 67                   | Private/Public   | Yes              | PIN 4245-01                   | Out   | Yes          | Yes            | 1983-1987              | NA               |
| <b>Mammoth Pool Powerhouse</b>                            |                      |  |                  |                               |   |              |                |                        |                  |
| Intake Gate House   | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1957-1960              | NA               |
| Adit Portals 1 & 2 at Shakeflat Creek                     | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1957-1960              | NA               |
| Mammoth Tunnel  | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1957-1960              | NA               |
| Rock Creek Diversion Piping & Borehole                    | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1957-1960              | NA               |
| Ross Creek Diversion Piping & Borehole                    | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1957-1960              | NA               |
| Surge Chamber, Rock Trap                                  | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1957-1960              | NA               |
| Rock Trap flushing channel                                | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1957-1960              | NA               |
| Valve House   | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1957-1960              | NA               |
| Penstocks   | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1957-1960              | NA               |
| <b>Ward Tunnel</b>  |                      |  |                  |                               |   |              |                |                        |                  |
| Inlet Structure at Florence Lake                          | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1925                   | Yes              |
| Gate House at Florence Lake                               | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1925                   | Yes              |
| Ward Tunnel   | 67                   | Public   | Yes              | None                          | In/Out  | No           | Yes            | 1925                   | Yes              |
| Minimum Pool Weir   | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1925                   | Yes              |
| Chinquapin Creek Borehole                                 | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1925                   | Yes              |
| Camp 62 Adit  | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1925                   | Yes              |
| Camp 62 Creek Borehole                                    | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1925                   | Yes              |
| Bolsillo Creek Borehole                                   | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1925                   | Yes              |

Table LAND 8-1. List of ALP Project Facilities (continued).

| Project Facility  | FERC Project Numbers | Public <sup>(1)</sup> /<br>Private <sup>(2)</sup> Land | In FERC Boundary | SNF Special Use Authorization | Proximity to Wilderness (In/Near <sup>(3)</sup> /Out) | Above-ground | Currently Used | History <sup>(4)</sup> | NRHP Eligibility |
|---|----------------------|--|------------------|-------------------------------|---|--------------|----------------|------------------------|------------------|
| <b>Water Conveyance (continued)</b>                               |                      |  |                  |                               |   |              |                |                        |                  |
| <b>Mono-Bear Siphon</b>   |                      |  |                  |                               |   |              |                |                        |                  |
| Bear Inlet Structure at Bear Forebay                              | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1927                   | ND               |
| Bear Tunnel   | 67                   | Public   | Yes              | None                          | In/Out  | No           | Yes            | 1927                   | ND               |
| Bear Adit   | 67                   | Public   | Yes              | None                          | In  | Yes          | Yes            | 1927                   | ND               |
| Bear Flowline   | 67                   | Public   | Yes              | None                          | In/Out  | No           | Yes            | 1927                   | ND               |
| Mono Inlet Structure at Mono Forebay                              | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1927                   | ND               |
| Mono Tunnel   | 67                   | Public   | Yes              | None                          | In/Out  | No           | Yes            | 1927                   | ND               |
| Mono Flow Line  | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1927                   | ND               |
| Combined Flow Line (siphon)                                       | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1927                   | ND               |
| Camp 62 Adit Valving  | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1927                   | ND               |
| <b>Huntington-Pitman-Shaver</b>                                   |                      |  |                  |                               |   |              |                |                        |                  |
| Inlet Structure & Gate 1A and 1B at Dam 2 (10' Gate House)        | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1925-1928              | ND               |
| Steel Conduit w Air Vents   | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1925-1928              | ND               |
| Siphon w 4" and 10" Drain Valves                                  | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1925-1928              | ND               |
| Vent Valve House  | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1925-1928              | ND               |
| Tunnel No. 7  | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1925-1928              | Yes              |
| Pitman Diversion Shaft  | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1925-1928              | ND               |
| Camp 72 Adit  | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1925-1928              | ND               |
| Diversion Tunnel from Tunnel 7 to Gate 3 at Balsam Meadow Forebay | 67                   | Public/Private   | Yes              | PIN 4245-01                   | Out   | Yes          | Yes            | 1983-1987              | NA               |
| Diversion Tunnel Vent   | 67                   | Public/Private   | Yes              | PIN 4245-01                   | Out   | Yes          | Yes            | 1983-1987              | NA               |
| Gate 3 Outlet to Balsam Forebay                                   | 67                   | Private  | Yes              | None                          | Out   | Yes          | Yes            | 1983-1987              | NA               |
| Gate 2 Outlet to NF Stevenson Creek                               | 67                   | Private  | Yes              | None                          | Out   | Yes          | Yes            | 1983-1987              | NA               |
| <b>Tombstone</b>  |                      |  |                  |                               |   |              |                |                        |                  |
| Tombstone Creek Diversion Piping                                  | 67                   | Public   | Yes              | None                          | In  | Yes          | No             | 1945                   | ND               |
| <b>Hooper</b>   |                      |  |                  |                               |   |              |                |                        |                  |
| Hooper Diversion Piping to Florence Lake                          | 67                   | Public   | Yes              | None                          | Out/Near  | Yes          | Yes            | 1945                   | ND               |
| North Slide Creek Diversion Piping                                | 67                   | Public   | Yes              | None                          | Near  | Yes          | No             | 1945                   | ND               |
| South Slide Creek Diversion Piping                                | 67                   | Public   | Yes              | None                          | Near  | Yes          | No             | 1945                   | ND               |
| <b>Diversion Channels</b>   |                      |  |                  |                               |   |              |                |                        |                  |
| Crater Creek  | 67                   | Public   | Yes              | None                          | In/Out  | Yes          | Yes            | 1945                   | ND               |
| <b>HB Valves</b>  |                      |  |                  |                               |   |              |                |                        |                  |
| Shaver Lake   | 67                   | Private  | Yes              | None                          | Out   | Yes          | Yes            | 1926-1927              | ND               |
| Mammoth Pool Reservoir  | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1957-1960              | ND               |
| <b>Weather Stations</b>   |                      |  |                  |                               |   |              |                |                        |                  |
| Big Creek No. 1   | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Shaver Lake   | 67                   | Private  | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Florence Lake   | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Huntington Lake   | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Kaiser Ridge/Mt Givens  | 67                   | Public   | No               | None                          | Out   | Yes          | Yes            | not available          | NA               |

Table LAND 8-1. List of ALP Project Facilities (continued).

| Project Facility                        | FERC Project Numbers | Public <sup>(1)</sup> /<br>Private <sup>(2)</sup> Land | In FERC Boundary | SNF Special Use Authorization | Proximity to Wilderness (In/Near <sup>(3)</sup> /Out) | Above-ground | Currently Used | History <sup>(4)</sup> | NRHP Eligibility |
|---|----------------------|--|------------------|-------------------------------|---|--------------|----------------|------------------------|------------------|
| <b>Buildings/Camps</b>                  |                      |  |                  |                               |   |              |                |                        |                  |
| Florence Work Camp                      | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1920's                 | No               |
| Big Creek 8 Facilities                  | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1920's                 | ND               |
| Big Creek PH No.1 Facilities            | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920              | ND               |
| Big Creek PH No.3 Facilities            | 120                  | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1920's                 | ND               |
| <b>Storage Yards</b>                    |                      |  |                  |                               |   |              |                |                        |                  |
| Florence Lake Work Camp                 | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1920's                 | No               |
| Camp 62                                 | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1920's                 | ND               |
| Big Creek PH No.1                       | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920              | ND               |
| Big Creek PH No.2 & PH No.2A            | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | ND               |
| Eastwood School Site                    | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | Early 1980's           | ND               |
| Big Creek PH No.3                       | 120                  | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1920's                 | ND               |
| <b>Utilities</b>                        |                      |  |                  |                               |   |              |                |                        |                  |
| <b>Water Supply/Treatment</b>           |                      |  |                  |                               |   |              |                |                        |                  |
| Big Creek PH No.1                       | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Big Creek PH No.3                       | 120                  | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Camp Edison                             | 67                   | Private  | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Florence Work Camp                      | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| <b>Domestic Water Diversions</b>        |                      |  |                  |                               |   |              |                |                        |                  |
| Scot Lake                               | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Snowslide Creek                         | 2175                 | Public   | Yes              | None                          | Out   | Yes          | No             | not available          | NA               |
| Pitman Creek                            | 2175                 | Public   | Yes              | None                          | Out   | Yes          | No             | not available          | NA               |
| Adit 8 Creek                            | 2175                 | Public   | Yes              | None                          | Out   | Yes          | No             | not available          | NA               |
| <b>Sewage Treatment</b>                 |                      |  |                  |                               |   |              |                |                        |                  |
| Big Creek PH No.1 Community             | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Big Creek PH No.3 Community             | 120                  | Public   | Yes              | None                          | Out   | Yes          | No             | not available          | NA               |
| <b>Fuel - Gasoline &amp; Diesel</b>     |                      |  |                  |                               |   |              |                |                        |                  |
| Big Creek PH No.1                       | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Big Creek PH No.8                       | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Big Creek PH No.3                       | 120                  | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Camp 62                                 | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Florence Work Camp                      | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| <b>Propane</b>                          |                      |  |                  |                               |   |              |                |                        |                  |
| Big Creek PH No.8                       | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Big Creek PH No.1 Automotive Shop       | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Camp 62 - Emergency Cabin Heating       | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Florence Work Camp - Generator, Heating | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |

**Table LAND 8-1. List of ALP Project Facilities (continued).**

| Project Facility                          | FERC Project Numbers | Public <sup>(1)</sup> /<br>Private <sup>(2)</sup> Land | In FERC Boundary | SNF Special Use Authorization | Proximity to Wilderness (In/Near <sup>(3)</sup> /Out) | Above-ground | Currently Used | History <sup>(4)</sup> | NRHP Eligibility |
|---|----------------------|--|------------------|-------------------------------|---|--------------|----------------|------------------------|------------------|
| <b>Project Power Lines Less Than 33KV</b> |                      |  |                  |                               |   |              |                |                        |                  |
| Manifold 2.4KV                            | 120                  | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Musick 7KV                                | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| East Incline 7KV                          | 2175                 | Public   | Yes              | None                          | Out   | Yes          | No             | not available          | NA               |
| Jumbo 12KV                                | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Pitman 33 KV (to diversion dam)           | 67                   | Public   | Yes              | PIN 127                       | Out   | Yes          | Yes            | 2002                   | NA               |
| <b>Power Transmission Lines</b>           |                      |  |                  |                               |   |              |                |                        |                  |
| EPS - BC1 220KV                           | 67                   | Private/Public   | Yes              | PIN 4245-01                   | Out   | Yes          | Yes            | 1983-1987              | NA               |
| MPPH - BC3 220KV                          | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1959-1960              | NA               |
| <b>Switchyards</b>                        |                      |  |                  |                               |   |              |                |                        |                  |
| Eastwood Switchyard                       | 67                   | Public   | Yes              | PIN 4245-01                   | Out   | Yes          | Yes            | 1987                   | NA               |
| <b>Miscellaneous</b>                      |                      |  |                  |                               |   |              |                |                        |                  |
| Fish Hatchery                             | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1960's                 | NA               |
| West Portal Winch House (Tunnel 5 Outlet) | 67                   | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1921                   | Yes              |
| West Portal Incline Rail Line             | 67                   | Yes  | None             | Out                           | Yes   | No           | 911-1920/192   | Yes                    |                  |
| East Incline Winch House                  | 2175                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | 1911-1920/1928         | Yes              |
| East Incline Rail Line                    | 2175                 | Yes  | None             | Out                           | Yes   | No           | 911-1920/192   | Yes                    |                  |
| <b>Cabins</b>                             |                      |  |                  |                               |   |              |                |                        |                  |
| Camp 62 Cabin                             | 67                   | Public   | Yes              | None                          | Near  | Yes          | Yes            | not available          | ND               |
| Mammoth Pool Reservoir Maintenance Cabin  | 2085                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Florence Lake Relief Cabin                | ----                 | Public   | Yes              | None                          | Out   | Yes          | Yes            | not available          | ND               |
| Huntington Lake Sheriff Cabin             | ----                 | Private  | No               | None                          | Out   | Yes          | Yes            | not available          | NA               |
| Shaver Lake Dam Tenders                   | 67                   | Private  | No               | None                          | Out   | Yes          | Yes            | not available          | NA               |

## Notes:

(1) - USDA-FS lands

(2) - SCE lands

(3) - Within 200 feet of a wilderness boundary per GIS mapping

(4) - Construction dates from Big Creek Hydroelectric System Initial Information Package (SCE 2000)

NRHP-National Register of Historic Places: Yes-Determined eligible for inclusion on NRHP (Shoup et al. 1988); No-Determined not eligible for inclusion on NRHP (Shoup et al. 1988); ND-in FERC boundary and eligibility has not been determined; NA - &lt;50 yrs. old or outside of FERC Project boundaries or are not appropriate for evaluation based on the historic context developed for the Big Creek Hydroelectric System.



Table LAND 8-2. List of Non-Project Features in the Study Area.

| Project Facility                          | Public <sup>(1)</sup> /<br>Private <sup>(2)</sup> Land | In FERC<br>Boundary | SNF Special<br>Use<br>Authorization               | Proximity to<br>Wilderness<br>(In/Near <sup>(3)</sup> /Out) | Above-<br>ground | Currently<br>Used | History <sup>(4)</sup> | NRHP<br>Eligibility |
|---|--|---------------------|---|---|------------------|-------------------|------------------------|---------------------|
| <b>Storage Yards</b>                      |  |                     |   |   |                  |                   |                        |                     |
| <b>Tunnel Muck Sites</b>                  |  |                     |   |   |                  |                   |                        |                     |
| Camp 61                                   | Public   | No                  | PIN 47  | Near  | Yes              | Yes               | 1920's                 | ND                  |
| Camp 62                                   | Public   | Yes                 | PIN 47  | Near  | Yes              | Yes               | 1920's                 | ND                  |
| Bear Diversion                            | Public   | No                  | PIN 47  | Near  | Yes              | Yes               | 1920's                 | ND                  |
| Florence Dam                              | Public   | Yes                 | PIN 47  | Out   | Yes              | No                | 1920's                 | ND                  |
| Eastwood Power Station                    | Public   | No                  | PIN 47  | Out   | Yes              | Yes               | 1987                   | NA                  |
| Mammoth Pool PH                           | Public   | No                  | PIN 47  | Out   | Yes              | Yes               | 1950's                 | NA                  |
| Big Creek PH No.3                         | Public   | No                  | PIN 47  | Out   | Yes              | Yes               | 1920's                 | ND                  |
| Grouse Creek                              | Public   | No                  | PIN 47  | Out   | Yes              | No                | 1920's                 | ND                  |
| Camp 72                                   | Public   | No                  | PIN 47  | Out   | Yes              | No                | 1920's                 | ND                  |
| Portal/Kokanee                            | Public   | No                  | PIN 47  | Out   | Yes              | No                | 1920's                 | ND                  |
| <b>Sediment Lay-Down Areas</b>            |  |                     |   |   |                  |                   |                        |                     |
| Bear                                      | Public   | No                  | None  | Near  | Yes              | Yes               | not available          | NA                  |
| Hooper                                    | Public   | No                  | None  | Near  | Yes              | Yes               | not available          | NA                  |
| Mono                                      | Public   | No                  | None  | Out   | Yes              | Yes               | not available          | NA                  |
| <b>Project Power Lines Less Than 33KV</b> |  |                     |   |   |                  |                   |                        |                     |
| Stevenson 12KV                            | Public   | Yes                 | None  | Out   | Yes              | Yes               | not available          | NA                  |
| <b>Cabins</b>                             |  |                     |   |   |                  |                   |                        |                     |
| Kaiser Pass Cabin                         | Public   | Yes                 | PIN4005-03  | Out   | Yes              | No                | 1948                   | ND                  |
| Millers Crossing Cabin                    | Public   | No                  | None  | In  | Yes              | No                | not available          | NA                  |
| Heart - Snow Course Cabin                 | Public   | No                  | PIN4083-01  | In  | Yes              | No                | 1956                   | NA                  |
| Mono - Snow Course Cabin                  | Public   | No                  | None  | In  | Yes              | No                | not available          | NA                  |
| Rose Marie - Snow Course Cabin            | Public   | No                  | PIN4084-01  | In  | Yes              | No                | 1945                   | NA                  |
| Volcanic Knob Snow Course Cabin           | Public   | No                  | PIN4084-01  | In  | Yes              | No                | 1945                   | NA                  |
| Coyote Lake Snow Course Cabin             | Public   | No                  | PIN4084-01  | In  | Yes              | No                | 1945                   | NA                  |
| <b>Snow Survey Courses</b>                |  |                     |   |   |                  |                   |                        |                     |
| Mono Pass                                 | Public   | No                  | PIN4078-01 <sup>(5)</sup>                         | In  | Yes              | Yes               | 1950                   | NA                  |
| Pioneer Basin                             | Public   | No                  | PIN4078-01 <sup>(5)</sup>                         | In  | Yes              | Yes               | 1949                   | NA                  |
| Heart Lake                                | Public   | No                  | PIN4078-01 <sup>(5)</sup><br>PIN97 <sup>(6)</sup> | In  | Yes              | Yes               | 1940                   | NA                  |
| Volcanic Knob                             | Public   | No                  | PIN4078-01 <sup>(5)</sup><br>PIN97 <sup>(6)</sup> | In  | Yes              | Yes               | 1946                   | NA                  |
| Rose-Marie                                | Public   | No                  | PIN4078-01 <sup>(5)</sup><br>PIN97 <sup>(6)</sup> | In  | Yes              | Yes               | 1946                   | NA                  |
| Kaiser Pass <sup>(6)</sup>                | Public   | Yes                 | PIN97 <sup>(6)</sup>                              | In  | Yes              | Yes               | 1930                   | NA                  |
| Dutch Lake <sup>(6)</sup>                 | Public   | No                  | PIN97 <sup>(6)</sup>                              | In  | Yes              | Yes               | 1938                   | NA                  |
| Coyote Lake <sup>(6)</sup>                | Public   | No                  | PIN97 <sup>(6)</sup>                              | In  | Yes              | Yes               | 1946                   | NA                  |
| Badger Flat                               | Public   | No                  | None  | Out   | Yes              | Yes               | 1960                   | NA                  |
| Nellie Lake                               | Public   | No                  | None  | In  | Yes              | Yes               | 1944                   | NA                  |
| Florence Lake                             | Public   | Yes                 | None  | Out   | Yes              | Yes               | 1930                   | NA                  |
| Lake Edison                               | Public   | No                  | None  | Out   | Yes              | Yes               | 1958                   | NA                  |
| Tamarack Creek                            | Public   | No                  | None  | Out   | Yes              | Yes               | 1960                   | NA                  |

**Table LAND 8-2. List of Non-Project Features in the Study Area (continued).**

| Project Facility                       | Public <sup>(1)</sup> /<br>Private <sup>(2)</sup> Land | In FERC<br>Boundary | SNF Special<br>Use<br>Authorization | Proximity to<br>Wilderness<br>(In/Near <sup>(3)</sup> /Out) | Above-<br>ground | Currently<br>Used | History <sup>(4)</sup> | NRHP<br>Eligibility |
|--|--|---------------------|-------------------------------------|---|------------------|-------------------|------------------------|---------------------|
| <b>Snow Survey Courses (continued)</b> |  |                     |                                     |   |                  |                   |                        |                     |
| Huntington Lake                        | Public   | Yes                 | None                                | Out   | Yes              | Yes               | 1930                   | NA                  |
| Detachment Meadow <sup>(7)</sup>       | Public   | No                  | PIN4078-01 <sup>(5)</sup>           | In  | Yes              | No                | not available          | NA                  |
| Mammoth Pass <sup>(7)</sup>            | Public   | No                  | PIN4078-01 <sup>(5)</sup>           | In  | Yes              | No                | not available          | NA                  |
| Piute Pass <sup>(7)</sup>              | Public   | No                  | PIN4078-01 <sup>(5)</sup>           | Out   | Yes              | No                | not available          | NA                  |

## Notes:

(1) - USDA-FS lands

(2) - SCE lands

(3) - Within 200 feet of a wilderness boundary per GIS mapping

(4) - Construction dates from Big Creek Hydroelectric System Initial Information Package (SCE 2000)

(5) - PIN 4078-01 permits the use of helicopters for snow surveys in the wilderness at these locations

(6) - PIN 97 permits use of aerial snow markers at these locations

(7) - Not a SCE Northern Hydro Facility

NRHP-National Register of Historic Places: Yes-Determined eligible for inclusion on NRHP (Shoup et al. 1988); No-Determined not eligible for inclusion on NRHP (Shoup et al. 1988); ND-in FERC boundary and eligibility has not been determined; NA - &lt;50 yrs. old or outside of FERC Project boundaries or are not appropriate for evaluation based on the historic context developed for the Big Creek Hydroelectric Sys

Table LAND 8-3. List of ALP Project Facilities In or Adjacent to the Wilderness.

| Project Facility   | FERC Project Numbers | In FERC Boundary | SNF Special Use Authorization | Proximity to Wilderness (In/Near <sup>(1)</sup> /Out) | Above-ground | Currently Used? | Specific Need for Operations              | History <sup>(2)</sup> | NRHP Eligibility |
|--|----------------------|------------------|-------------------------------|---|--------------|-----------------|---|------------------------|------------------|
| <b>Dams and Diversions</b>                                 |                      |                  |                               |   |              |                 |   |                        |                  |
| Hooper Creek   | 67                   | Yes              | None                          | Near  | Yes          | Yes             | Diversion                                 | 1945                   | ND               |
| Tombstone Creek  | 67                   | Yes              | None                          | In  | Yes          | No              | Diversion                                 | 1945                   | NA               |
| North Slide Creek  | 67                   | Yes              | None                          | Near  | Yes          | No              | Diversion                                 | 1945                   | ND               |
| South Slide Creek  | 67                   | Yes              | None                          | Near  | Yes          | No              | Diversion                                 | 1945                   | ND               |
| Crater Creek   | 67                   | Yes              | None                          | In  | Yes          | Yes             | Diversion                                 | 1945                   | NA               |
| <b>Gaging Stations</b>                                     |                      |                  |                               |   |              |                 |   |                        |                  |
| <b>Streams</b>   |                      |                  |                               |   |              |                 |   |                        |                  |
| Bear Creek below Diversion Dam                             | 67                   | Yes              | None                          | Near  | Yes          | Yes             | Gaging Station                            | 1990                   | NA               |
| Bear Creek upstream of diversion dam (with cable crossing) | 67                   | Yes              | None                          | In  | Yes          | Yes             | Gaging Station                            | 1921/2001              | NA               |
| Hooper Creek below diversion dam                           | 67                   | Yes              | None                          | Near  | Yes          | Yes             | Gaging Station                            | not available          | NA               |
| Mono Creek Conduit at diversion dam                        | 67                   | Yes              | None                          | Near  | Yes          | Yes             | Gaging Station                            | 1927                   | NA               |
| Hooper Creek Conduit at diversion dam                      | 67                   | Yes              | None                          | Near  | Yes          | Yes             | Gaging Station                            | 1946                   | NA               |
| <b>Water Conveyance</b>                                    |                      |                  |                               |   |              |                 |   |                        |                  |
| <b>Ward Tunnel</b>   |                      |                  |                               |   |              |                 |   |                        |                  |
| Ward Tunnel  | 67                   | Yes              | None                          | In/Out  | No           | Yes             | Water Conveyance                          | 1925                   | Yes              |
| <b>Mono-Bear Siphon</b>                                    |                      |                  |                               |   |              |                 |   |                        |                  |
| Bear Tunnel  | 67                   | Yes              | None                          | In/Out  | No           | Yes             | Water Conveyance                          | 1928                   | NA               |
| Bear Adit  | 67                   | Yes              | None                          | In  | Yes          | Yes             | Water Conveyance                          | 1928                   | NA               |
| Bear Flowline  | 67                   | Yes              | None                          | In/Out  | No           | Yes             | Access Point to Water Conveyance Tunnel   | 1928                   | NA               |
| Mono Tunnel  | 67                   | Yes              | None                          | In/Out  | No           | Yes             | Water Conveyance                          | 1928                   | NA               |
| <b>Tombstone</b>   |                      |                  |                               |   |              |                 |   |                        |                  |
| Tombstone Creek Diversion Piping                           | 67                   | Yes              | None                          | In  | Yes          | No              | Water Conveyance                          | 1945                   | NA               |
| <b>Hooper</b>  |                      |                  |                               |   |              |                 |   |                        |                  |
| Hooper Diversion Piping to Florence Lake                   | 67                   | Yes              | None                          | Near/Out  | Yes          | Yes             | Water Conveyance                          | 1945                   | NA               |
| North Slide Creek Diversion Piping                         | 67                   | Yes              | None                          | Near  | Yes          | No              | Water Conveyance                          | 1945                   | NA               |
| South Slide Creek Diversion Piping                         | 67                   | Yes              | None                          | Near  | Yes          | No              | Water Conveyance                          | 1945                   | NA               |
| <b>Diversion Channels</b>                                  |                      |                  |                               |   |              |                 |   |                        |                  |
| Crater Creek   | 67                   | Yes              | None                          | In/Out  | Yes          | Yes             | Water Conveyance                          | 1945                   | NA               |
| <b>Tunnel Muck Sites</b>                                   |                      |                  |                               |   |              |                 |   |                        |                  |
| Camp 61  | 67                   | No               | PIN 47                        | Near  | Yes          | Yes             | Borrow Area for Road Maintenance Material | 1920's                 | NA               |
| Camp 62  | 67                   | Yes              | PIN 47                        | Near/Out  | Yes          | Yes             | Borrow Area for Road Maintenance Material | 1920's                 | NA               |
| Bear Diversion   | 67                   | No               | PIN 47                        | Near  | Yes          | Yes             | Borrow Area for Road Maintenance Material | 1920's                 | NA               |

**Table LAND 8-3. List of ALP Project Facilities In or Adjacent to the Wilderness (continued).**

| Project Facility                 | FERC Project Numbers | In FERC Boundary | SNF Special Use Authorization                     | Proximity to Wilderness (In/Near <sup>(1)</sup> /Out) | Above-ground | Currently Used? | Specific Need for Operations              | History <sup>(2)</sup> | NRHP Eligibility |
|----------------------------------|----------------------|------------------|---|---|--------------|-----------------|---|------------------------|------------------|
| <b>Sediment Lay-Down Areas</b>   |                      |                  |   |   |              |                 |   |                        |                  |
| Bear                             | 67                   | No               | None  | Near  | Yes          | Yes             | Sediment Placement                        | not available          | NA               |
| Hooper                           | 67                   | No               | None  | Near  | Yes          | Yes             | Sediment Placement                        | not available          | NA               |
| <b>Cabins</b>                    |                      |                  |   |   |              |                 |   |                        |                  |
| Camp 62                          | 67                   | Yes              | None  | Near  | Yes          | Yes             | Emergency Shelter                         | not available          | NA               |
| Millers Crossing Cabin           | ----                 | No               | None  | In  | Yes          | No              | Emergency Shelter                         | not available          | NA               |
| Heart - Snow Course Cabin        | ----                 | No               | PIN4083-01  | In  | Yes          | No              | Emergency Shelter                         | 1956                   | NA               |
| Mono - Snow Course Cabin         | ----                 | No               | None  | In  | Yes          | No              | Emergency Shelter                         | not available          | NA               |
| Rose Marie - Snow Course Cabin   | ----                 | No               | PIN4084-01  | In  | Yes          | No              | Emergency Shelter                         | 1945                   | NA               |
| Volcanic Knob Cabin              | ----                 | No               | PIN4084-01  | In  | Yes          | No              | Emergency Shelter                         | 1945                   | NA               |
| Coyote Lake Cabin                | ----                 | No               | PIN4084-01  | In  | Yes          | No              | Emergency Shelter                         | 1945                   | NA               |
| <b>Snow Survey Courses</b>       |                      |                  |   |   |              |                 |   |                        |                  |
| Mono Pass                        | ----                 | No               | PIN4078-01 <sup>(3)</sup>                         | In  | Yes          | Yes             | Snow Pack Measurement                     | 1950                   | NA               |
| Pioneer Basin                    | ----                 | No               | PIN4078-01 <sup>(3)</sup>                         | In  | Yes          | Yes             | Snow Pack Measurement                     | 1949                   | NA               |
| Heart Lake                       | ----                 | No               | PIN4078-01 <sup>(3)</sup><br>PIN97 <sup>(4)</sup> | In  | Yes          | Yes             | Snow Pack Measurement                     | 1940                   | NA               |
| Volcanic Knob                    | ----                 | No               | PIN4078-01 <sup>(3)</sup><br>PIN97 <sup>(4)</sup> | In  | Yes          | Yes             | Snow Pack Measurement                     | 1946                   | NA               |
| Rose-Marie                       | ----                 | No               | PIN4078-01 <sup>(3)</sup><br>PIN97 <sup>(4)</sup> | In  | Yes          | Yes             | Snow Pack Measurement                     | 1946                   | NA               |
| Kaiser Pass <sup>(4)</sup>       | ----                 | Yes              | PIN97 <sup>(4)</sup>                              | In  | Yes          | Yes             | Snow Pack Measurement                     | 1930                   | NA               |
| Dutch Lake <sup>(4)</sup>        | ----                 | No               | PIN97 <sup>(4)</sup>                              | In  | Yes          | Yes             | Snow Pack Measurement                     | 1938                   | NA               |
| Coyote Lake <sup>(4)</sup>       | ----                 | No               | PIN97 <sup>(4)</sup>                              | In  | Yes          | Yes             | Snow Pack Measurement                     | 1946                   | NA               |
| Nellie Lake                      | ----                 | No               | None  | In  | Yes          | Yes             | Snow Pack Measurement                     | 1944                   | NA               |
| Detachment Meadow <sup>(5)</sup> | ----                 | No               | PIN4078-01 <sup>(3)</sup>                         | In  | Yes          | No              | Should Delete from Permit Not Used by SCE | not available          | NA               |
| Mammoth Pass <sup>(5)</sup>      | ----                 | No               | PIN4078-01 <sup>(3)</sup>                         | In  | Yes          | No              | Should Delete from Permit Not Used by SCE | not available          | NA               |

## Notes:

- (1) - Within 200 feet of a wilderness boundary per GIS mapping  
(2) - Construction dates from Big Creek Hydroelectric System Initial Information Package (SCE 2000)  
(3) - PIN 4078-01 permits the use of helicopters for snow surveys in the wilderness at these locations  
(4) - PIN 97 permits use of aerial snow markers at these locations  
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## **FIGURES**

## **Placeholder for Figures**

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