

**FINAL APPLICATION FOR EXEMPTION  
FOR  
SMALL CONDUIT HYDROELECTRIC FACILITY**

**Alamo Powerplant**

**January 2014**

**Submitted by:**



**California Department of Water Resources  
Hydropower License Planning and Compliance Office**

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**UNITED STATES OF AMERICA  
BEFORE THE  
FEDERAL ENERGY REGULATORY COMMISSION**

California Department of Water Resources

Project No. \_\_\_\_\_

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**APPLICATION FOR EXEMPTION FOR SMALL CONDUIT  
HYDROELECTRIC FACILITY**

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**I. INTRODUCTORY STATEMENT**

Pursuant to Section 4.90 of the regulations of the Federal Energy Regulatory Commission (Commission or FERC),<sup>1</sup> the California Department of Water Resources (DWR) applies to FERC for a conduit exemption for the Alamo Powerplant (APP), an existing small conduit hydroelectric facility that meets the requirements of 18 CFR § 4.30(b)(28) from certain provisions of Part I of the Federal Power Act (FPA).

The existing APP is currently a facility of the licensed South SWP Hydropower FERC Project No. 2426 (P-2426). The current license for P-2426 was issued on March 22, 1978, with an effective expiration date of January 31, 2022. Because the APP qualifies for a conduit exemption under 18 CFR § 4.30(b)(28), DWR has elected to apply for a conduit exemption at this time. DWR is filing on this same date an application to amend the license for P-2426 by removing or modifying the exhibits associated with the APP and reducing the authorized installed capacity.<sup>2</sup>

The location of the facility is:

|                          |             |
|--------------------------|-------------|
| State or Territory:      | California  |
| County:                  | Los Angeles |
| Township or nearby town: | Lancaster   |

The exact name and business address of the applicant is:

|          |  |
|----------|--|
| Name:    | California Department of Water Resources             |
| Address: | P.O. Box 942836<br>Sacramento, California 94236-0001 |

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<sup>1</sup> 18 CFR § 4.201 (2012).

<sup>2</sup> Application for Non-Capacity Related Amendment of License, Project No. 2426, filed January 15, 2014. The application to remove the Alamo Powerplant exhibits from the P-2426 license also requests removal of the exhibits pertaining to the Mojave Siphon Powerplant, another generating facility that qualifies for a conduit exemption and for which DWR has also filed a conduit exemption application on this date.

The exact name, business address, and contact information for each person authorized to act as agent for the applicant in this application is:

Name of Agent: Ted Craddock  
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DWR is a department of the State of California.

Pursuant to Section 30 of the FPA, 16 USC § 823, DWR requests exemption from certain provisions of Part I of the FPA.

## **II. EXHIBITS**

Exhibits A, E, F and G are included in this application.

Exhibit F contains Critical Energy Infrastructure Information (CEII), and is being filed under separate cover as a CEII filing. DWR requests a waiver from FERC for submitting new Exhibit F supporting design reports. The conduit exemption does not involve any new construction or changes in the existing operations. The APP has been in operation for 27 years. Additionally, FERC staff performing the annual Dam Safety/Operation Inspection has found the facility to be in good operating condition and well maintained for the last several years. The facility will continue to be in use and operate in the same manner as prior to the issuance of the conduit exemption.

## **III. EVIDENCE OF APPLICANT OWNERSHIP**

DWR has all of the real property interests in the lands on which the APP is located necessary to operate the facility. Documentary evidence of ownership is included in Attachment 1.

#### **IV. INDIAN TRIBES**

DWR believes that no Native American tribes are affected by the conduit exemption. However, notice on the availability of the draft application was provided to the below Native American tribes and individuals identified by the Native American Heritage Commission (NAHC) as associated with Kern and Los Angeles Counties for comment.

- Fernandeno Tataviam Band of Mission Indians
- Kern Valley Indian Council
- Kitanemuk and Yowlumne Tejon Indians
- San Fernando Band of Mission Indians
- San Manuel Band of Mission Indians
- Individuals:
  - Beverly Salazar Folkes
  - Randy Guzman-Folkes
  - Ron Wermuth

#### **V. DOCUMENTATION OF CONSULTATION**

DWR has followed the consultation requirements under 18 CFR § 4.38. Documentation of consultation is included as Attachment 2.

#### **VI. PUBLIC UTILITY REGULATORY POLICIES ACT BENEFITS**

DWR is not seeking benefits under Section 210 of the Public Utility Regulatory Policies Act.

#### **VII. STATEMENT OF FEES REQUIRED TO DEVELOP FEDERAL POWER ACT SECTION 30(C) CONDITIONS**

18 CFR §§ 4.301(a)(2) and 4.302 require a conduit exemption applicant to notify each fish and wildlife agency consulted that it will seek an exemption from licensing and, if the agency provides a reasonable estimate of its anticipated total cost to set FPA Section 30(c) terms and conditions for the protection of fish and wildlife, to accompany the exemption application with a fee or bond.

Letters to the United States Fish and Wildlife Service (USFWS), National Marine Fisheries Service (NMFS), and California Department of Fish and Wildlife (CDFW) were sent out with the draft application to determine if fish and wildlife agencies will be soliciting any fees to develop FPA Section 30(c) terms and conditions, if applicable. None of those fish and wildlife agencies responded indicating the need to develop any FPA Section (c) terms and conditions, and thus, no fees were requested by those resource agencies. Documentation of consultation regarding the statement of fees is included as Attachment 3.

## VIII. CONCLUSION

DWR requests FERC's approval of this application at FERC's earliest convenience. DWR has included a draft public notice as Attachment 4. Please feel free to contact Ted Craddock at 916-263-0261 (or via email at [Ted.Craddock@water.ca.gov](mailto:Ted.Craddock@water.ca.gov)) if you have any questions or comments regarding this application.

Respectfully submitted,



Ted Craddock, Chief

Hydropower License Planning and  
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Executive Division

California Department of Water Resources

P.O. Box 942836

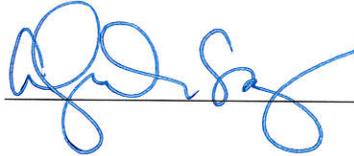
Sacramento, California 94236-0001

DATED: January 15, 2014

VERIFICATION

State of California  
County of Sacramento, as:

Ted Craddock, being duly sworn deposes and says; that he is the Chief, Hydropower License Planning and Compliance Office, California Department of Water Resources, that he has read the foregoing application and knows the contents thereof; and that the same are true to the best of his knowledge and belief.

  
\_\_\_\_\_

State of California )  
County of Sacramento )

Subscribed and sworn to (or affirmed) before me on this 15 day of January (month), 2014 (year), by Ted Craddock, proved to me on the basis of satisfactory evidence to be the person (s) who appeared before me.

  
\_\_\_\_\_  
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**Final Application for Exemption  
for  
Small Conduit Hydroelectric Facility  
  
Alamo Powerplant**

**EXHIBIT A  
FACILITY DESCRIPTION**

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## EXHIBIT A

### FACILITY DESCRIPTION

*(1) A brief description of any conduits and associated consumptive water supply facilities, intake facilities, powerhouses, and any other structures associated with the facility.*

The California State Water Project (SWP) gathers water from the Feather River watershed for delivery to municipal, industrial, and agricultural consumers in Northern California, the San Francisco Bay area, San Joaquin Valley, Central Coast, and Southern California. The California SWP delivers an annual average of approximately 2.5 million acre-feet through 20 pumping plants, 9 hydroelectric powerplants, 34 storage facilities, and over 700 miles of aqueducts and pipelines.

The APP is located on the East Branch of the SWP, a 141-mile-long system of canals and buried pipelines forming the southern portion of the California SWP.

*(2) The proximate natural sources of water that supply the related conduit.*

There are no proximate natural sources of water that supply the conduit.

*(3) The purposes for which the conduit is used.*

The East Branch of the SWP delivers water to water agencies in Southern California.

*(4) The number of generating units, including auxiliary units, the capacity of each unit, and provision, if any, for future units.*

The APP has one 17,000 kilowatt (kW) generator. An additional generator may be added in the future, but the schedule is currently unknown.

*(5) The type of each hydraulic turbine.*

The generator is connected to a 23,000 horsepower Kaplan turbine.

*(6) A description of how the plant is to be operated, manually or automatically, and whether the plant is to be used for peaking.*

The APP is operated automatically on a “run-of-aqueduct” basis. The APP has no peaking capability.

*(7) Estimations of:*

*(i) The average annual generation in kilowatt hours;*

The average annual generation in kilowatt hours is 83,751,800 kWh. This is based on the average generation records for a 10 year period (2002 through 2011).

*(ii) The average head of the plant;*

The net head is 133 feet, created by a drop in the aqueduct elevation.

*(iii) The hydraulic capacity of the plant (flow through the plant) in cubic feet per second.*

The hydraulic capacity of the plant is 1,740 cubic feet per second (cfs).

*(iv) The average flow of the conduit at the plant or point of diversion (using best available data and explaining the sources of the data and the method of calculation); and*

The average flow of the conduit at the point of diversion (based on a combined average annual flow for the years 2002 through 2011 for Alamo bypass and generation combined) is 1,346 cfs. The source of the data is records kept by the DWR's Division of Operations and Maintenance. The average flow is calculated as follows:

Ave. Flow = (Average flow in acre-foot/yr) x (1 yr/365 day) x (1 cfs/1.98 acre-foot) a day

*(v) The average amount of the flow described in paragraph (c)(7)(iv) of this section available for power generation.*

The average amount of the flow described in paragraph (c)(7)(iv) of this section available for power generation (based on combined average annual flow for the years 2002 through 2011 for generation) is 1,006 cfs. The source of the data is records kept by the DWR's Division of Operations and Maintenance. The average flow is calculated as follows:

Ave. Flow = (Average flow in acre-foot/yr) x (1 yr/365 day) x (1 cfs/1.98 acre-foot) a day

Of average flow described in paragraph (c)(7)(iv), 1,346 cfs was used for generation for that 10 year period (2002 through 2011). Of the remaining flow, on average 340 cfs was bypassed via the Alamo bypass, due to outages for maintenance activities.

*(8) The planned date for beginning construction of the facility.*

The APP is an existing facility. Construction was completed and the facility went on line in July 1986.

*(9) If the hydroelectric facility discharges direction into a natural body of water and a petition for waiver of § 4,28(b)(28)(v) has not been submitted, evidence that a quantity of water equal to or greater than the quantity discharged from the hydroelectric facility is withdrawn from that water body downstream into a conduit that is part of the same water supply system as the conduit on which the hydroelectric facility is located.*

Not applicable. The APP is located on the California SWP.

*(10) If the hydroelectric facility discharges directly to a point of agricultural, municipal, or industrial consumption, a description of the nature and location of that point of consumption.*

Not applicable. The APP is located on the California SWP.

*(11) A description of the nature and extent of any construction of a dam that would occur in association with construction of the proposed small conduit hydroelectric facility, including a statement of the normal maximum surface area and normal maximum surface elevation of any existing impoundment before and after that construction; and any evidence that the construction would occur for agricultural, municipal, or industrial consumptive purposes, even if hydroelectric generating facilities were not installed.*

No dam is associated with, and no water is impounded for operation of the APP. The facility consists of the powerplant with the 17 MW generating unit. The P-2426 facilities that lead into and exit the APP facility include an intake structure on the aqueduct, a 4,100-foot-long steel penstock, and a tailrace.

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**Final Application for Exemption  
for  
Small Conduit Hydroelectric Facility  
  
Alamo Powerplant**

**EXHIBIT E  
ENVIRONMENTAL REPORT**

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## EXHIBIT E

### ENVIRONMENTAL REPORT

*(1) A description of the environmental setting in the vicinity of the facility, including vegetative cover, fish and wildlife resources, water quality and quantity, land and water uses, recreational uses, socio-economic conditions, historical and archeological resources, and visual resources. The report must give special attention to endangered or threatened plant and animal species, critical habitats, and sites eligible for or included on the National Register of Historic Places.*

The facility proposed to be authorized under a conduit exemption has been in operation since 1986 as a licensed component of P-2426. All environmental requirements under the P-2426 license, which pertained to impacts from construction of the facility, have been completed. Conversion of the authority under which the facility operates from a licensed development to a conduit exemption will not change any environmental conditions or lead to any new environmental impacts.

#### **Vegetative Cover**

The area immediately surrounding the APP is defined as high desert (see Photo 1 below). Stands of Joshua tree (*Yucca brevifolia*) surround the area. Russian thistle (*Salsola tragus*) is a non-native invasive plant that is prominent throughout the area.



Photo 1 – View looking southwest from the top of the northwest ridge access road.

A review of the California Native Plant Society (CNPS) California Native Plant Inventory of Rare and Endangered Plants (May 2013<sup>1</sup>) identified one plant species in the La Liebre Ranch 7.5 minute USGS quadrangle mapped area where APP is also located. However, there will be no effect on this plant species as the species is not found at the project site.

No changes in vegetation will occur from continued operations and maintenance of the APP. There will be no construction activities or any changes to existing operations associated with the issuance of a conduit exemption, and thus, there will be no impacts to vegetative resources from the continued operations or issuance of a conduit exemption. No environmental protection or mitigation measures are proposed.

### **Fish and Wildlife Resources**

The APP is located on a paved and fenced site with its existing developed facilities shown in Photo 2 below. The area surrounding the APP developed area is highly disturbed with no potential suitable habitat for listed species. Reviews of the CDFW California Natural Diversity Database (March 2013) and the USFWS species lists (March 2013) identified potential listed special-status species in the area; however, none of those species are known to occur in the proposed conduit exemption boundary due to the absence of suitable habitat.

The surrounding uplands in the vicinity of and outside the conduit exemption boundary are inhabited by ground squirrels and mice within the adjoining grassland, as well as predators including the golden eagle (*Aquila chrysaetos*), red-tailed hawk (*Buteo jamaicensis*), American kestrel (*Falco sparverius*), Northern harrier (*Circus cyaneus*), and coyote (*Canis latrans*). The riparian areas located outside the proposed conduit exemption boundary offer food, water, and shelter for various wildlife species. However, there are no wetlands or sensitive habitats in the conduit exemption boundary.



Photo 2 - View of Alamo Powerplant access from northwest ridge.

<sup>1</sup>California Native Plant Society. 2013. Inventory of Rare and Endangered Plants (online edition, v8-01a). California Native Plant Society. Sacramento, CA. Accessed on Thursday, May 30, 2013.

The California condor (*Gymnogyps californianus*) is listed as endangered under the Federal and California State Endangered Species Acts, and is a California fully protected species. It may fly over the APP site, but it is not found within the conduit exemption boundary or in the vicinity. There are no USFWS-designated critical habitats for endangered or threatened species within the conduit exemption boundary.

USFWS-designated critical habitat for the California condor occurs approximately two miles west and north, away from and outside the conduit exemption boundary.

Pyramid Lake is a reservoir located approximately 20 miles south of the APP. It lies in the flyway utilized by the condor in traveling north from its nesting area in the Sespe Condor Sanctuary located eight miles southwest of the reservoir, to its feeding grounds in the Tehachapi Mountains and San Joaquin Valley.

The APP is an existing facility with ongoing daily routine activities performed for operation and maintenance. Operation and maintenance activities in the past have not been shown to cause any perceptible effects to listed species. There is no new construction being proposed, and thus, there will be no potential impacts to any wildlife, plant or animal species located in the vicinity of the APP. For any future construction or major maintenance activities within the APP site, DWR has existing adopted policies and procedures in place for conducting environmental analyses in accordance with the California Environmental Quality Act (CEQA), and consulting with the appropriate state and federal resource agencies. No environmental protection or mitigation measures are proposed.

### **Water Quality and Quantity**

The California SWP gathers water from the Feather River watershed for delivery to municipal, industrial and agricultural users in Northern California, the San Francisco Bay, San Joaquin Valley, Central Coast, and Southern California. An annual average flow of approximately 2.5 million acre-feet of water is delivered through 20 pumping plants, 9 hydroelectric powerplants, 34 storage facilities, and over 700 miles of aqueducts and pipelines. In Southern California, the Edmonston Pumping Plant lifts water up approximately 2,000 feet over the Tehachapi Mountains through the Carly V. Porter Tunnel near Gorman. The California SWP bifurcates into the West and East Branches, downstream of the Carly V. Porter Tunnel. The APP is located approximately 1.5 miles southeast of the bifurcation, on the East Branch of P-2426.

The APP operates on a “run-of-aqueduct” basis, whereby flows enter the Alamo facilities and are discharged into the aqueduct. Flows from the California SWP enter the concrete and asphalt-lined Tehachapi Afterbay and Tehachapi East Afterbay for short-term storage prior to being conveyed to the headworks of the APP and the Cottonwood chute (plant bypass). The flows are ultimately discharged into the California SWP for conveyance to downstream P-2426 facilities. There are no natural water bodies or streams within or immediately adjacent to the boundary of APP. The California SWP is a man-made structure. The portion of the California SWP in the vicinity of the APP is a concrete-lined, open water canal.

The water quality and quantity of the California SWP is continuously monitored through 16 automated real time data stations and several flow gauges. The water quantity data are kept with DWR's Division of Operations and Maintenance. The annual average flow through the APP based on a combined average annual flow for 10 years of annual flow records (years 2002 through 2011) is 1,006 cfs. The water quality data are obtained via grab samples collected on a monthly basis and analyzed at DWR's Bryte Chemical Laboratory. The water quality data are made publically available on DWR's website through the California Data Exchange Center and the Water Data Library. There will be no construction activities associated with this conduit exemption, and thus, there will be no changes to water quality and quantity. No environmental protection or mitigation measures are proposed.

### **Land and Water Uses**

The APP is located entirely on lands owned in fee by DWR (See Attachment 1).

The facility is located in the Antelope Valley Planning Area at the northwest corner of unincorporated Los Angeles County, on the edge of the Tehachapi Mountains in the Transverse Range. The facility is surrounded by private lands under agricultural production. There are no federal lands at or in the immediate vicinity of the conduit exemption boundary. The Angeles National Forest is approximately eight miles south of the APP, and contains the nearest federal lands within proximity to the facility.

Currently, there are plans for the Tejon Mountain Village, a large new residential community on a private ranch property within Kern County, just to the north and west of the APP. The County of Los Angeles is also developing a specific plan for a new planned community, named the Centennial, in the areas immediately to the south and west of the conduit exemption boundary. The issuance of a conduit exemption and ongoing project operations will have no effect on the plans for the Tejon Mountain Village or the Centennial Specific Plan.

The APP is currently part of the East Branch of P-2426, along the California SWP which is a man-made structure. Water from the California SWP flows through the APP, and is discharged into the California SWP. No natural water courses exist at the conduit exemption boundary. Quail Lake is the nearest body of water; however, it is a reservoir located on the West Branch of the California SWP, several miles to the south and west from the APP.

No changes in land or water use will occur as a result of continuing operations under a conduit exemption for the APP. There will be no changes to land or water resources resulting from the issuance of a conduit exemption. No environmental protection or mitigation measures are proposed.

### **Recreational Uses**

The lands located within and adjoining the conduit exemption boundary are not used or suitable for public recreation purposes, as the lands are used for energy production, water and power transmission, and maintenance facilities with nearby lands being privately owned and used for irrigated and non-irrigated agriculture.

However, several public recreation opportunities are available at facilities located within a 50 mile radius from the APP, including Quail Lake, Pyramid Lake, Vista del Lago Visitor Center, Castaic Lake State Recreation Area, Fort Tejon State Historical Park, and Hungry Valley State Vehicular Recreation Area. None of these facilities or recreation uses will be affected by issuance of a conduit exemption for the APP.

There will be no effect to recreational use in and around the area of the APP as a result of the issuance of a conduit exemption. No environmental protection or mitigation measures are proposed.

### **Socio-economic Conditions**

According to the United States Census Bureau<sup>2</sup>, the state of California has a total population of 37,253,956, and a statewide Median Household Income (MHI) of \$61,632. In comparison, the nearest large city to the APP is the City of Lancaster, California. The City of Lancaster is located approximately 40 miles from the APP, and has a population of approximately 152,678 people, an MHI of \$52,290, and a per capita income of \$20,739.

Major economic influences in the area are associated with Edwards Air Force Base, other aerospace and defense manufacturing facilities, irrigated agriculture, and recreation activities associated with state parks on recreation areas.

The APP facility supports five full-time and one part-time position<sup>3</sup>, which makes a minor contribution to the local economy.

There is no housing, commerce, or any other public use associated with the APP, or within the immediate area including any proposed developments that will be impacted by ongoing operations of the project under a conduit exemption. Consequently, the issuance of the conduit exemption will not impact the socio-economic conditions of the surrounding area.

### **Historical and Archeological Resources**

There are no known historical or archeological resources existing at the APP site. Previous studies completed in connection with construction of the APP did not encounter any cultural or archeological resources.

The APP was constructed in 1986, and is therefore less than 45 years old and not currently of an age to be considered as eligible for the National Register of Historic Places. As well, the facility does not possess any exceptional importance that would make it eligible to achieve significance within a less than 45 year period.

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<sup>2</sup> 2007-2011 American Community Survey, US Census Bureau.

<sup>3</sup> Average employment for fiscal years 2003-2012.

No changes will occur under a conduit exemption authorization. Since the site is highly developed, it is unlikely that maintenance or operational activities will affect any previously undisturbed areas and thus any unrecorded buried archaeological or historical resources. For any future construction or major maintenance activities within the APP site, DWR has existing adopted policies and procedures in place for conducting environmental analyses in accordance with CEQA, and consulting with the appropriate state and federal resource agencies and Native American tribes<sup>4</sup>. No environmental protection or mitigation measures are proposed.

## Visual Resources

No significant visual resources exist within the vicinity of APP. The APP is situated within a man-made depression surrounded by previously constructed berms, as illustrated in Photo 1. The facility is not visible from any publically accessible site and the nearest man-made structure is a large cement plant located on a private ranch property. A general depiction of the facility setting is shown in Photo 3.



Photo 3 – View over top of Alamo Powerplant looking from the northwest ridge.

No construction will occur as a result of this conduit exemption, and operation and maintenance activities will continue as in previous years. Therefore, there will be no new effects to visual resources from this action. No environmental protection or mitigation measures are proposed.

*(2) A description of the expected environmental impacts resulting from the continued operation of the existing small conduit hydroelectric facility, including a discussion of the specific measures proposed by the applicant and others to protect and enhance environmental resources and to mitigate adverse impacts of the facilities on them.*

No environmental impacts are expected to result from continued operation of the existing APP. The facility will continue to operate in the same manner it has been operated since construction

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<sup>4</sup> In accordance with the California Natural Resources Agency Adoption of Final Tribal Consultation Policy, pursuant to Executive Order B-10-11 dated September 19, 2011, adopted on November 20, 2012.

was completed in 1986. Therefore, DWR does not propose any environmental protection or mitigation measures.

*(3) A description of alternative means of obtaining an amount of power equivalent to that provided by the existing facility.*

The California SWP is a net user of power. APP is a small-capacity hydro generation plant on the East Branch of P-2426, installed to recover energy associated with California SWP pumping operations. Not only does this plant provide an energy quantity needed by the California SWP, it has the advantage of generating energy that is both clean (zero-emissions) and green (renewable), and at favorable generation timing, i.e., energy generated at the plant is synchronized with the California SWP's pump demand. In economic terms, the plant acts as a natural hedge against energy market prices paid by the pump demand. All energy generated at the plant is consumed by the California SWP.

If, for any reason, the output of the plant was no longer available to the California SWP, it would create an energy deficit in the California SWP's energy portfolio equal to the lost output of APP, potentially worsen the California SWP's carbon footprint, reduce the California SWP's renewable portfolio, and cause a loss of a natural hedge against price volatility of the California Independent System Operator (CAISO) market, all of which would result in increased cost and risk.

To mitigate these unfavorable impacts, the California SWP would need to fix the additional energy deficit by purchasing energy from the CAISO in quantities and with timing that duplicates APP generation. These energy deliveries would have the correct magnitude and timing but the natural hedge provided by California SWP generation to California SWP pumping would be lost. Long-term contracts would not be necessary for this energy since the CAISO's market can provide this energy although the price for such replacement energy may not be a given. However, the replacement energy purchased from the CAISO's market may not be either renewable or clean. Consequently, DWR would need to fix the increased carbon footprint and correct the renewable portfolio by executing long-term contracts to purchase a quantity of energy from a zero-emissions renewable energy source equal to the additional quantity of energy purchased, and sell this additional zero-emissions renewable energy to the CAISO market while retaining the associated Renewable Energy Credits. This duplicate purchase/sale procedure would be necessary because the zero-emissions purchase would not match the needed delivery hours or hourly quantities during the hours of California SWP pumping.

*(4) Any additional information the applicant considers important.*

DWR considered the potential environmental effects and determined that the action of applying for a conduit exemption for APP qualifies for a Class 1 Categorical Exemption pursuant to the CEQA Guidelines, Section 15301. The conduit exemption will occur on an existing facility, and will not involve an increase in capacity or existing use. DWR filed a Notice of Exemption with the State Clearinghouse (State Clearinghouse Number 2013068271) on June 24, 2013, prior to filing the final conduit exemption application with FERC.

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**Final Application for Exemption  
for  
Small Conduit Hydroelectric Facility  
  
Alamo Powerplant**

**EXHIBIT F  
PROJECT ENGINEERING DRAWINGS**

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## **EXHIBIT F**

### **PROJECT ENGINEERING DRAWINGS**

The Exhibit F contains Critical Energy Infrastructure Information as defined in 18 CFR § 388.113(c)(1). Therefore, Exhibit F is being filed under separate cover with a request for confidential treatment.

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**Final Application for Exemption  
for  
Small Conduit Hydroelectric Facility  
  
Alamo Powerplant**

**EXHIBIT G  
PROJECT BOUNDARY MAP**

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**EXHIBIT G**

**PROJECT BOUNDARY MAP**

The following Exhibit G Project map conforms to the specifications of 18 CFR § 4.41(h).

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**Final Application for Exemption  
for  
Small Conduit Hydroelectric Facility  
  
Alamo Powerplant**

**ATTACHMENT 1  
DOCUMENTATION OF LAND OWNERSHIP RIGHTS**

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THE RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

BOOK 4368 PAGE 542

RECORDING REQUESTED BY  
Recording Requested by

TITLE INSURANCE & TRUST CO. (TI)

WHEN RECORDED MAIL TO  
DEPARTMENT OF WATER RESOURCES

P. O. Box 388  
Sacramento 2, California

401335-RLB

FEB-20-70 09304 • 8007 • A T1 FBK 3 0.00

Recorded By RAY A. VERCAMMEN, Kern Co. Recorder

SPACE ABOVE THIS LINE FOR RECORDER'S USE NO FEE

GRANT DEED  
(CORPORATION)

Project ..... California Aqueduct\*

Parcel No. .... SOK-862 and TEH-1

TEJON RANCH CO.

a corporation organized and existing under and by virtue of the laws of the State of California,

does hereby GRANT to the STATE OF CALIFORNIA all that real property in the

County of Kern, State of California, described as:

(SEE EXHIBIT "A" ATTACHED)

\*South San Joaquin Division  
Tehachapi Division  
Mojave Division  
West Branch Division

unincorporated area

Approved by  
Ray G. Irving, L.S. 3273  
JAN 23 1970

VESTEE IS A STATE AGENCY—TAX EXEMPT.

FORM DWR 547

Page 1

50001 6-69 24 0 BPO

TEH-1

## UNIT J

That portion of the Rancho La Liebre, as said Rancho is described in the Patent from the United States of America to Jose Marie Flores, recorded February 21, 1916 in Book 18, page 278 of Patents, Records of Kern County, lying North of the line between Kern and Los Angeles Counties, and that portion of Fractional Section Thirty-three (33), Township Nine (9) North, Range Seventeen (17) West, S.B.M., described as follows:

BEGINNING at a 3/4-inch iron pipe with brass plug marked W2-1A on the South line of Kern County, said South line being also the North line of Township Eight (8) North, Range Seventeen (17) West, from which a 2-inch brass cap in concrete at the North Quarter Corner of Section 5, Township 8 North, Range 17 West bears South 89° 39' 21" East 406.17 feet, said point of beginning having Coordinates Y=480,415.54 and X=1,788,201.46;  
 THENCE from said point of beginning along said County line North 89° 39' 21" West 506.29 feet to a 3/4-inch iron pipe with brass plug marked W2-3A;  
 thence continuing North 89° 39' 21" West 1,079.97 feet;  
 thence leaving said County line North 57° 04' 57" East 303.49 feet to a 3/4-inch iron pipe with brass plug marked W2-4;  
 thence North 25° 26' 09" East 935.25 feet to a 3/4-inch iron pipe with a brass plug marked W2-2;  
 thence North 07° 20' 00" East 1,737.73 feet to a 3/4-inch iron pipe with brass plug marked CA 6174;  
 thence North 24° 12' 29" West 2,615.16 feet to a 3/4-inch iron pipe with brass plug marked CA 6172;  
 thence North 79° 50' 00" West 265.00 feet to a 3/4-inch iron pipe with brass plug marked CA 6170;  
 thence South 10° 10' 00" West 1,075.00 feet to a 3/4-inch iron pipe with brass plug marked CA 6168;  
 thence North 79° 50' 00" West 340.00 feet to a 3/4-inch iron pipe with brass plug marked CA 6166;  
 thence North 10° 10' 00" East 2,490.00 feet to a 3/4-inch iron pipe with brass plug marked CA 6164;  
 thence North 47° 04' 02" East 250.00 feet to a 3/4-inch iron pipe with brass plug marked CA 6165;  
 thence South 60° 15' 00" East 890.00 feet to a 3/4-inch iron pipe with brass plug marked CA 6167;  
 thence South 20° 11' 00" East 3,249.80 feet to a 3/4-inch iron pipe with brass plug marked CA 6169;  
 thence South 54° 00' 00" East 1,241.33 feet to a 3/4-inch iron pipe with brass plug marked M1-1;

thence North 62° 08' 21" East 977.49 feet to a 3/4-inch iron pipe  
 with brass plug marked M1-3;  
 thence South 80° 52' 48" East 1,882.95 feet to a 3/4-inch iron  
 pipe with brass plug marked M1-5;  
 thence South 60° 30' 00" East 1,001.24 feet to a 3/4-inch iron  
 pipe with brass plug marked M1-7 on the Easterly boundary of  
 said Rancho La Liebre, from which the Northwest Corner of  
 said Fractional Section 33 bears  
 North 00° 12' 43" East 3,026.43 feet;  
 thence South 23° 51' 37" East 614.48 feet to a 3/4-inch iron pipe  
 with brass plug marked M1-9;  
 thence South 81° 12' 40" West 323.28 feet to a 3/4-inch iron pipe  
 with brass plug marked M1-11A;  
 thence South 12° 40' 00" East 1,402.38 feet to a 3/4-inch iron  
 pipe with brass plug marked M1-13A;  
 thence South 63° 34' 00" East 671.65 feet to the South line of  
 said Section 33 said line being also the South line of Kern  
 County;  
 thence along said South line North 89° 45' 29" West 846.45 feet  
 to a Standard County of Los Angeles Surveyor's monument marking  
 the intersection of said South line with the Easterly line of  
 said Rancho;  
 thence continuing along said South line  
 North 89° 45' 42" West 303.86 feet;  
 thence leaving said South line  
 North 12° 40' 00" West 1,573.10 feet to a 3/4-inch iron pipe  
 with brass plug marked M1-8A;  
 thence South 87° 20' 47" West 153.41 feet to a 3/4-inch iron pipe  
 with brass plug marked M1-6;  
 thence North 69° 56' 24" West 2,050.00 feet to a 3/4-inch iron  
 pipe with brass plug marked M1-4;  
 thence South 62° 08' 21" West 1,405.00 feet to a 3/4-inch iron  
 pipe with brass plug marked M1-2;  
 thence South 20° 20' 40" West 1,644.53 feet to the point of  
 beginning.

Containing an area of 307.65 acres, more or less.

EXCEPTING from the above described Unit J, all oil, oil  
 rights, natural gas, natural gas rights and other hydrocarbons, by  
 whatsoever name known, and all other minerals and mineral rights,  
 whether or not similar to those herein mentioned (including the  
 right to drill, mine, explore and operate under and through the  
 herein described land for the purpose of extracting and producing  
 oil, gas and other hydrocarbons by whatsoever name known, and all  
 other minerals, whether or not similar to those herein mentioned,  
 from other lands); provided that Grantor, its successors or assigns,

shall not drill, mine, explore or otherwise operate upon, in or through the surface or upper 300 feet of the subsurface of the lands herein described, in the exercise of any of the herein excepted rights.

ALSO EXCEPTING therefrom all water and water rights other than those water sources Grantee, its successors or assigns, may develop, and make reasonable use of for the operation and maintenance of the following California Aqueduct Facilities:

- Office and Maintenance Facilities,
- Residential Facilities,
- Visitor's Facilities,
- Landscaping care and maintenance;

PROVIDED that Grantor, its successors or assigns, shall not drill, mine, explore or otherwise operate upon, in or through the surface or upper 300 feet of the subsurface of the lands herein described in the exercise of any of the herein excepted rights.

ALSO RESERVING, however, to the Grantor, its successors or assigns, an easement and right of way for moving livestock, equipment, machinery and vehicles through an overchute on the California Aqueduct, at approximate Engineer's Station 605+00 of the centerline survey of the California Aqueduct; provided that the physical height restrictions imposed by the operating roads passing over said overchute are not violated; said easement being a strip of land Twenty-seven (27) feet in width, lying Thirteen and one-half (13-1/2) feet on each side of the following described centerline:

BEGINNING at a point on the North line of the above described Unit J, from which a 3/4-inch iron pipe with brass plug marked M1-3 described in said Unit J bears North 62° 08' 21" East 166.90 feet;

THENCE from said point of beginning leaving said North line South 22° 40' 51" East 901.06 feet to the end of the herein described centerline on the South line of said Unit J, from which a 3/4-inch iron pipe with brass plug marked M1-4 described in said Unit J bears North 69° 56' 24" West 218.66 feet.

The sidelines of the above described 27-foot strip shall be lengthened or shortened to begin on the North line of said Unit J and terminate on the South line of said Unit J.

Said Grantor, its successors or assigns, shall use said crossing through said overchute in a prudent manner and shall not exceed the weight limitation of said overchute which is hereby established as follows:

The gross weight imposed upon said overchute shall be such as is defined in Sections 35550, 35551 and 35552 of the Vehicle Code of the State of California as said Sections read on May 1, 1968. The use of any vehicle, or vehicles, which fails to conform to the above mentioned weight and length limitations will require a permit from the Department of Water Resources.

Said Grantor, its successors or assigns, shall protect the deck of said overchute from any damage that may be inflicted by any vehicle equipped with tires as described in Section 27454 of the Vehicle Code of the State of California as said Section read on September 30, 1969.

ALSO RESERVING, however, to the Grantor, its successors or assigns, an easement and right of way for moving livestock, equipment, machinery and vehicles over and across a siphon structure on the California Aqueduct, at approximate Engineer's Station 42+72 of the centerline survey of the California Aqueduct; said easement being a strip of land One Hundred Twenty-five (125) feet in width, lying Sixty-two and one-half (62.5) feet on each side of the following described centerline:

BEGINNING at a point on the Westerly line of the above described Unit J, from which point a 3/4-inch iron pipe with brass plug marked W2-2 described in said Unit J bears North 25° 26' 09" East 310.89 feet;  
 THENCE from said point of beginning, leaving said Westerly line, South 87° 07' 21" East 1,314.24 feet to a point on the Southerly line of said Unit J and the end of the herein described centerline, from which point the 3/4-inch iron pipe with brass plug marked W2-1A described in said Unit J bears South 20° 20' 40" West 717.05 feet.

The sidelines of the above described 125-foot strip shall be lengthened or shortened to begin on the Westerly line of said Unit J and terminate on the Southerly line of said Unit J.

Said Grantor, its successors or assigns, shall use said crossing over said siphon structure in a prudent manner and shall not exceed the weight limitation of said siphon structure which is hereby established as follows:

The gross weight imposed upon said siphon structure shall be such as is defined in Sections 35550, 35551 and 35552 of the Vehicle Code of the State of California as said Sections read on May 1, 1968. The use of any vehicle, or vehicles, which fails to conform to the above mentioned weight and length limitations will require a permit from the Department of Water Resources.

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Coordinates, bearings and distances in the above descriptions are based on the California Coordinate System, Zone V.

-55- TEH-1

THE RESOURCES AGENCY OF CALIF.  
DEPARTMENT OF WATER RESOURCES

136

BK D4638 PG 228

RECORDING REQUESTED BY

RECORDED IN OFFICE RECORDS  
OF LOS ANGELES COUNTY, CALIF.  
FOR TITLE INSURANCE & TRUST CO.  
FEB 20 1970 AT 8 A.M.  
RAY E. LEE, Registrar-Recorder

WHEN RECORDED MAIL TO  
DEPARTMENT OF WATER RESOURCES

P. O. Box 388  
Sacramento 2, California

6449901

FEE \$ Free/291

SPACE ABOVE THIS LINE FOR RECORDER'S USE

~~FINANCIAL STATEMENT AND TAX STATEMENT~~

GRANT DEED  
(CORPORATION)

Project California Aqueduct\*

Parcel No. TEH-1

TEJON RANCH CO.

a corporation organized and existing under and by virtue of the laws of the State of California  
does hereby GRANT to the STATE OF CALIFORNIA all that real property in the \_\_\_\_\_  
County of Los Angeles, State of California, described as:

\*Mojave Division  
West Branch Division

Department of Water Resources  
Gov. Code Sec. 6103

Approved by  
Ray G. Irving, L.S. 3278

JAN 23 1970

DOCUMENTARY TRANSFER TAX \$ None  
—COMPUTED ON FULL VALUE OF PROPERTY CONVEYED  
—OR COMPUTED ON FULL VALUE LESS LIENS AND  
ENCUMBRANCES REMAINING AT TIME OF SALE.  
Belle Ruby THE COUNTY AND DISTRICT CLERK  
Signature of Declarant or Agent determining tax. Firm Name

YESTEE IS A STATE AGENCY—TAX EXEMPT

FORM DWR 547

89981 6-63 2M 370

TEH-1

## UNIT K

That portion of Rancho La Liebre, as said Rancho is described in the Patent from the United States of America to Jose Marie Flores, recorded July 13, 1875 in Book 1, page 535 of Patents, Records of Los Angeles County, and those portions of Section Three (3) and Fractional Section Four (4), Township Eight (8) North, Range Seventeen (17) West, S.B.M., described as follows:

BEGINNING at a 3/4-inch iron pipe with brass plug marked M1-19 on the East line of said Section 3 from which a nail and copper tag stamped RE 6640 set in concrete marking the East Quarter Corner of said Section 3 bears  
 North 00° 15' 05" East 749.75 feet, said point of beginning having Coordinates Y=476,948.00 and X=1,801,855.19; ①  
 THENCE from said point of beginning along said East line  
 South 00° 15' 05" West 715.98 feet to a 2-inch iron pipe with brass plug marked M2-2; ②  
 thence continuing South 00° 15' 05" West 124.02 feet to a 3/4-inch iron pipe with brass plug marked M1-22; ③  
 thence leaving said East line North 81° 22' 45" West 2,681.80 feet to a 3/4-inch iron pipe with brass plug marked M1-20; ④  
 thence North 68° 19' 08" West 7,454.53 feet to a 3/4-inch iron pipe with brass plug marked M1-18A; ⑤  
 thence South 59° 39' 19" West 568.64 feet to a 3/4-inch iron pipe with brass plug marked M1-16B; ⑥  
 thence South 32° 16' 54" West 397.40 feet to a 3/4-inch iron pipe with brass plug marked M1-16; ⑦  
 thence North 57° 43' 06" West 100.00 feet to a 3/4-inch iron pipe with brass plug marked M1-14; ⑧  
 thence North 32° 16' 54" East 538.75 feet to a 3/4-inch iron pipe with brass plug marked M1-12; ⑨  
 thence North 59° 39' 19" East 1,564.57 feet to a 3/4-inch iron pipe with brass plug marked M1-10B; ⑩  
 thence North 63° 34' 00" West 734.87 feet to a 3/4-inch iron pipe with brass plug marked M1-10A; ⑪  
 thence North 12° 40' 00" West 118.90 feet to the North line of said Section 4, said line being also the North line of Los Angeles County; ⑫  
 thence along said North line South 89° 45' 42" East 303.86 feet to a standard County of Los Angeles Surveyor's monument marking the intersection of said North line with the Easterly line of said Rancho; ⑬  
 thence continuing along said North line  
 South 89° 45' 29" East 846.45 feet; ⑭

thence leaving said North line South 63° 34' 00" East 170.63 feet to a 3/4-inch iron pipe with brass plug marked M1-15A; (15)  
 thence North 59° 39' 19" East 147.99 feet to the last mentioned North line of said Section 4; (14)  
 thence along said North line South 89° 45' 29" East 314.15 feet; (13)  
 thence leaving said North line South 61° 29' 17" East 5,987.00 feet to a 3/4-inch iron pipe with brass plug marked M1-17; (12)  
 thence South 76° 41' 39" East 2,476.67 feet to the point of beginning. (11)

Containing an area of 290.98 acres, more or less.

EXCEPTING from the above described Unit K, all oil, oil right, natural gas, natural gas rights and other hydrocarbons, by whatsoever name known, and all other minerals and mineral rights, whether or not similar to those herein mentioned (including the right to drill, mine, explore and operate under and through the herein described land for the purpose of extracting and producing oil, gas and other hydrocarbons by whatsoever name known, and all other minerals, whether or not similar to those herein mentioned, from other lands); provided that Grantor, its successors or assigns, shall not drill, mine, explore or otherwise operate upon, in or through the surface or upper 300 feet of the subsurface of the lands herein described, in the exercise of any of the herein excepted rights.

ALSO EXCEPTING therefrom all water and water rights other than those water sources Grantee, its successors or assigns, may develop, and make reasonable use of for the operation and maintenance of the following California Aqueduct Facilities:

Office and Maintenance Facilities,  
 Residential Facilities,  
 Visitor's Facilities,  
 Landscaping care and maintenance;

PROVIDED that Grantor, its successors or assigns, shall not drill, mine, explore or otherwise operate upon, in or through the surface or upper 300 feet of the subsurface of the lands herein described in the exercise of any of the herein excepted rights.

RESERVING, however, to the Grantor, its successors or assigns, a nonexclusive easement for bridge crossing purposes over and across State's canal right of way over a bridge to be constructed and maintained by the State at no expense to said Grantor, its successors or assigns, and said bridge to remain the property of the State of California; together with an easement and right of way for access purposes over, through, along and across the following described parcel of land:

A strip of land Sixty (60) feet in width, lying Thirty (30) feet on each side of the following described centerline:

COMMENCING at the 3/4-inch iron pipe with brass plug marked M1-19 described in Unit K above; ①  
 thence from said point of commencement along the Northeasterly line of said Unit K North 76° 41' 39" West 30.80 feet to the POINT OF BEGINNING; ②, POB  
 THENCE from said point of beginning leaving said Northeasterly line South 00° 15' 05" West 842.54 feet to the end of the ③ herein described centerline on the Southwesterly line of said Unit K from which the 3/4-inch iron pipe with brass plug marked M1-22 described in said Unit K bears South 81° 22' 45" East 30.32 feet. ④

The sidelines of the above described strip of land shall be lengthened or shortened to begin on the Southwesterly line of said Unit K and to terminate on the Northeasterly line of said Unit K.

Said Grantor, its successors or assigns, shall use said bridge in a careful and prudent manner and shall not exceed the weight limitation of said bridge which is hereby established as follows:

The gross weight imposed upon said bridge shall be such as is defined in Sections 35550, 35551, and 35552 of the Vehicle Code of the State of California as said Sections read on May 27, 1968. The use of any vehicle, or vehicles, which fails to conform to the above mentioned weight and length limitations will require a permit from the Department of Water Resources.

Said Grantor, its successors or assigns, shall protect the deck of said bridge and access areas from any damage that may be inflicted by any vehicle equipped with tires as described in Section 27454 of the Vehicle Code of the State of California as said Section read on May 27, 1968. The use of any vehicle, or vehicles, which fails to conform to the above mentioned limitation will require a permit from the Department of Water Resources.

ALSO RESERVING, however, to Grantor, its successors or assigns, a nonexclusive easement and right of way for vehicular crossing purposes over and along a portion of Unit K described above, and over and across a check siphon structure, said easement and right of way being a strip of land Ninety (90) feet in width, lying Forty-five (45) feet on each side of the following described centerline:

COMMENCING at the 3/4-inch iron pipe with brass plug marked M1-10B described in Unit K above; (10)  
 thence from said point of commencement along the Southwesterly line of said Unit K North 63° 34' 00" West 26.26 feet to the POINT OF BEGINNING; (23)  
 THENCE from said point of beginning leaving said Southwesterly line North 67° 26' 17" East 184.07 feet; (24)  
 thence along a tangent curve to the left having a radius of 139.00 feet, through a central angle of 41° 00' 17", an arc distance of 99.48 feet; (25)  
 thence North 26° 26' 00" East 192.39 feet; (26)  
 thence along a tangent curve to the right having a radius of 50.00 feet, through a central angle of 38° 35' 27", an arc distance of 33.68 feet; (27)  
 thence North 65° 01' 27" East 187.20 feet to the end of the herein described centerline on the Northeasterly line of said Unit K (28)  
 from which the 3/4-inch iron pipe with brass plug marked M1-15A described in said Unit K bears South 63° 34' 00" East 136.66 feet. (29)

The sidelines of the above described strip of land shall be lengthened or shortened to begin on the Southwesterly line of said Unit K and to terminate on the Northeasterly line of said Unit K.

Said Grantor, its successors or assigns, shall use said crossing over said siphon structure in a careful and prudent manner and shall not exceed the weight limitation of said siphon structure which is hereby established as follows:

The gross weight imposed upon said siphon structure shall be such as is defined in Sections 35550, 35551 and 35552 of the Vehicle Code of the State of California as said Sections read on September 3, 1969. The use of any vehicle, or vehicles, which fails to conform to the above mentioned limitation will require a permit from the Department of Water Resources.

Coordinates, bearings and distances in the above description are based on the California Coordinate System, Zone V.

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**Final Application for Exemption  
for  
Small Conduit Hydroelectric Facility  
  
Alamo Powerplant**

**ATTACHMENT 2  
RECORD OF CONSULTATION**

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## ATTACHMENT 2

### RECORD OF CONSULTATION

#### Waivers

DWR sent via registered U.S. mail a notification letter on the availability of the Initial Consultation Document (ICD), giving notice of the joint agency public meeting and site visit, and seeking waivers of second stage consultation and FPA Section 30(c) fees on June 7, 2013. Copies of the letter and waivers are attached as consultation documentation. Additionally, the ICD was made publically available on DWR's webpage at <http://www.water.ca.gov/hlpco>. Hard copies and electronic copies were made available upon request, as well as during the July 10, 2013 joint agency public meeting. Copies of the ICD and notification letter were mailed to FERC on June 7, 2013. The following agencies, Native American tribes, groups and entities were notified of the ICD, joint agency public meeting and site visit:

- Beverly Salazar Folkes
- Randy Guzman-Folkes
- Ron Wermuth
- AhaMaKav Cultural Society Fort Mojave Indian Tribe
- Antelope Valley-East Kern Water Agency
- California Department of Fish and Wildlife, South Coast Region
- California Department of Fish and Wildlife, Water Branch
- California Department of Transportation, District 6
- California Department of Transportation, District 7
- California Department of Water Resources, Office of Chief Counsel
- California Department of Water Resources, Division of Environmental Services
- California Department of Water Resources, Division of Safety of Dams
- California Department of Water Resources, Southern Field Division
- California Department of Water Resources, Southern Region Office
- California Public Utilities Commission
- California State Parks, Inland Empire District
- California State Parks, Tehachapi District
- Casitas Municipal Water District
- Castaic Lake Water Agency
- Coachella Valley Water District
- City of Colton
- Crestline-Lake Arrowhead Water Agency
- Desert Water Agency
- Duncan, Weinberg, Genzer & Pembroke PC
- Federal Energy Regulatory Commission, Secretary
- Federal Energy Regulatory Commission, Office of Energy Projects

- Fernandeno Tataviam Band of Mission Indians
- City of Fontana
- County of Kern
- Kern County Water Agency
- Kern Valley Indian Council
- Kitanemuk and Yowlumne Tejon Indians
- Lahontan Regional Water Quality Control Board
- City of Lancaster
- Lewiston Community Services District
- Littlerock Creek Irrigation District
- City of Loma Linda
- County of Los Angeles
- Metropolitan Water District of Southern California
- Mojave Water Agency
- National Park Service, Pacific West Region
- National Marine Fisheries Service, Southwest Region
- Office of Historic Preservation
- Office of the Governor of California
- Pacific Crest Trail Association
- Palmdale Water District
- City of Redlands
- City of Rialto
- City of Riverside, Public Utilities Department
- County of Riverside
- City of San Bernardino
- County of San Bernardino
- San Bernardino Valley Municipal Water District
- San Fernando Band of Mission Indians
- San Gabriel Valley Municipal Water District
- San Geronimo Pass Water Agency
- San Manuel Band of Mission Indians
- Shute, Mihaly & Weinberger c/o Friends of the River
- Southern California Association of Governments
- Southern California Edison
- State Water Contractors
- State Water Resources Control Board, Division of Water Rights
- Tejon Ranch
- Town of Taft
- Ventura County Watershed Protection District
- United States Army Corps of Engineers, Los Angeles Regulatory Office
- United States Bureau of Indian Affairs, Pacific Regional Office
- United States Bureau of Indian Affairs, Southern California Agency
- United States Bureau of Reclamation, South-Central California Area Office

- United States Bureau of Reclamation, Southern California Area Office
- United States Department of Interior, Office of Regional Solicitor
- United States Environmental Protection Agency, Region 9
- United States Fish and Wildlife Service, Carlsbad Fish and Wildlife Office
- United States Fish and Wildlife Service, Ventura Fish and Wildlife Office
- United States Forest Service, Pacific Southwest Region
- United States Senate

Additionally, DWR contacted the NAHC in a May 23, 2013 letter to conduct a check of the NAHC's Sacred Lands File and to confirm the contacts for Native American Indian tribes and individuals that may be interested in the conduit exemption boundary area.

The NAHC responded in a May 29, 2013 letter to DWR, and determined that no traditional cultural places are located within the conduit exemption boundary. The NAHC provided a contact list of Native American tribes and individuals for the Kern and Los Angeles Counties. DWR notified those listed Native American tribes and individuals on the availability of the ICD for review, the joint agency public meeting, and the site visit. Copies of the letters are attached as consultation documentation.

### **First Stage Consultation**

The ICD was distributed as described above. Copies of the newspaper notices of the joint agency public meeting are attached as consultation documentation. DWR followed up with phone calls and emails to ensure agencies, Native American tribes, groups and entities were made aware of the ICD, joint agency public meeting and site visit. A copy of the phone log is attached as consultation documentation.

The joint agency public meeting was held from 9:00 am to 11:00 am on July 10, 2013 at the Embassy Suites Valencia, 28508 Westinghouse Place, Valencia, California 91355. Attendees of the joint agency public meeting included DWR staff, DWR's counsel from Van Ness Feldman LLP, DWR's consultants from MWH, and representatives from the Southern California Area Office of the United States Bureau of Reclamation (USBR), the Metropolitan Water District of Southern California, the City of Los Angeles Department of Water and Power, and the Los Angeles County Department of Regional Planning. An audio recording of the meeting was made and was filed with FERC on July 26, 2013. A copy of the letter transmitting the recording to FERC is attached as consultation documentation.

A site visit was conducted on the same day following the joint agency public meeting. The above mentioned representatives also participated in the site visit, except for representatives from the USBR and the Los Angeles County Department of Regional Planning. Copies of agendas and sign-in sheet for the joint agency public meeting and site visit are attached as consultation documentation.

The ICD public review period began immediately after the joint agency public meeting on July 10, 2013. DWR requested written comments, or an acknowledgement of no comments by September 9, 2013. DWR received a July 30, 2013 letter from the State Water Contractors

(SWC; a non-profit association of 27 California public agencies that purchase water under contract from the SWP) regarding their support for the conduit exemption application, and a September 6, 2013 letter from the USBR indicating USBR had no comments on the ICD, and no objections to the conduit exemption or waiver. On September 9, 2013, DWR received two letters from the State Water Resources Control Board (SWRCB) regarding comments on the conduit exemption applications for Alamo and Mojave Siphon Powerplants and the related South SWP Hydropower, FERC Project No. 2426 (P-2426) non-capacity license amendment. In the SWRCB's September 9, 2013 letters, SWRCB staff stated that it had not concluded its evaluation of the conduit exemption applications for Alamo and Mojave Siphon Powerplants and the license amendment, and requested a meeting with DWR staff on September 18, 2013 to further discuss the applications. During the September 18, 2013 meeting, DWR staff presented the conduit exemption and non-capacity license amendment applications to SWRCB staff. A follow-up conference call was held on October 9, 2013, in which DWR staff presented additional data to SWRCB staff. SWRCB staff concluded that they had no further concerns, and stated that DWR should proceed with the applications. No other letters or comments were received on the ICD. The letters received from SWC, USBR, and SWRCB are attached as consultation documentation.

### **Second Stage Consultation**

DWR requested waivers of second stage consultation requirements from resource agencies and Native American tribes as discussed above. No responses were received to the waiver request. The ICD was issued, which included a draft application and no environmental issues were identified or study request received, the only entities that attended the joint agency/public/tribe public meetings had no substantive comments, and no entity has indicated that any additional information is needed to support the application. Therefore, DWR believes all necessary pre-filing consultation has been completed.

### **Third Stage Consultation**

Third stage consultation consists of filing this application with FERC. The mailing list attached to this application demonstrates that DWR has provided a copy of the filed conduit exemption application to all required entities.

## CONSULTATION DOCUMENTATION

The following documents are attached as consultation documentation, in order by date.

- 5/23/2013 – DWR to NAHC – Request for a check of the Sacred Lands File and Native American Contacts
- 5/29/2013 – NAHC to DWR – Reply to Request for a check of the Sacred Lands File and Native American Contacts
- 6/7/2013 – APP ICD Notice of Availability
- 6/26/2013 – Affidavit of Publication in Antelope Valley Press Newspaper
- 6/26/2013 – Proof of Publication in The Bakersfield Californian Newspaper
- 7/10/2013 – APP Joint Agency Public Meeting Agenda
- 7/10/2013 – APP Joint Agency Public Meeting Sign-in Sheet
- 7/10/2013 – APP Site Visit Agenda
- 7/26/2013 – DWR to FERC Notice of Joint Agency Public Meeting
- 7/30/2013 – SWC Comments on ICD
- 9/6/2013 – USBR Comments on ICD
- 9/09/2013 – SWRCB Comments on ICD
- 11/18/2013 – APP Consultation Phone Log. Printed on November 18, 2013.

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**DEPARTMENT OF WATER RESOURCES**DIVISION OF ENVIRONMENTAL SERVICES  
3500 INDUSTRIAL BOULEVARD  
WEST SACRAMENTO, CA 95691

May 23, 2013

Dave Singleton, Program Analyst  
Native American Heritage Commission  
1550 Harbor Blvd Suite 100  
West Sacramento, CA 95691-3826

Dear Mr. Singleton:

The California Department of Water Resources (DWR) is in the process of applying for two conduit exemptions from the Federal Energy Regulatory Commission (FERC). These conduit exemptions will remove two areas, the Alamo Powerplant and the Mojave Siphon Powerplant, from the larger FERC license (Project No. 2426). Relicensing activities for the larger Project No. 2426 will be conducted independently from these two exemptions.

The Alamo Powerplant Conduit Exemption is located east of Lancaster, in Kern and Los Angeles Counties, California. It is within the La Liebre Ranch 7.5' United States Geographical Survey (USGS) topographic quadrangle in Section 4, Township 9 North, Range 17 West and Section 33, Township 9 North, Range 17 West (Figure 1).

The Mojave Siphon Powerplant Conduit Exemption is located at Silverwood Lake in San Bernardino County, California. It is within the Silverwood Lake 7.5' United States Geographical Survey (USGS) topographic quadrangle in Sections 20, 21, 28, 29, 32, and 33, Township 3 North, Range 4 West (Figure 2).

Please notify me if any sacred lands are recorded within or in close proximity to the depicted project areas. Early identification of sacred properties will ensure their consideration during the project planning phase. Please also provide an updated list of Native American contacts for the area. Your response may be sent to me at the address provided above, or you may fax the information to (916) 376-9688. Please contact me at (916) 376-9795 or at [Rebecca.Gilbert@water.ca.gov](mailto:Rebecca.Gilbert@water.ca.gov) if you have any questions regarding this request. If we do not receive a response to this inquiry within 30 days, it will be assumed that you are not aware of any sacred lands within the project areas.

Please perform this search at an **expedited rate**.

Thank you for giving this matter your prompt attention.

Sincerely,

A handwritten signature in blue ink that reads "Rebecca Gilbert".

Rebecca H. Gilbert  
Associate Environmental Planner-Archaeology  
Office (916) 376-9795  
Fax (916) 376-9688  
[Rebecca.Gilbert@water.ca.gov](mailto:Rebecca.Gilbert@water.ca.gov)

Attachments (2)

05/29/2013 13:42 FAX 916 657 5390

NAHC

001

STATE OF CALIFORNIA

Edmund G. Brown, Jr., Governor

**NATIVE AMERICAN HERITAGE COMMISSION**

1550 Harbor Boulevard, Suite 100  
West Sacramento, CA 95691  
(916) 373-3715  
Fax (916) 373-5471  
www.nahc.ca.gov  
e-mail: ds\_nahc@pacbell.net

May 29, 2013

Ms. Rebecca H. Gilbert, Associate Environmental Planner-Archaeology

**California Department of Water Resources**

3500 Industrial Boulevard  
West Sacramento, CA 95691

Sent by FAX to: 916-376-9688  
No. of Pages: 3

Re: Request for Sacred Lands File Search and Native American Contacts list for the  
**"Alamo Powerplant Conduit Exemptions from the Federal Energy  
Regulatory Commission (FERC) ;"** located in Kern and Los Angeles counties  
(Antelope Valley near the City of Lancaster), California

Dear Ms. Gilbert:

A record search of the NAHC Sacred Lands File failed to indicate the presence of Native American traditional cultural place(s) in the two project site locations submitted, based on the USGS coordinates, the Areas of Potential Effect (APEs). Note also that the NAHC SLF Inventory is not exhaustive; therefore, the absence of archaeological or Native American sacred places does not preclude their existence. Other data sources for Native American sacred places/sites should also be contacted. A Native American tribe or individual may be the only sources of presence of traditional cultural places or sites.

In the 1985 Appellate Court decision (170 Cal App 3<sup>rd</sup> 604), the Court held that the NAHC has jurisdiction and special expertise, as a state agency, over affected Native American resources impacted by proposed projects, including archaeological places of religious significance to Native Americans, and to Native American burial sites.

Attached is a list of Native American tribes, individuals/organization who may have knowledge of cultural resources in or near the project area. As part of the consultation process, the NAHC recommends that local governments and project developers contact the tribal governments and individuals to determine if any cultural places might be impacted by the proposed action. If a response is not received in two weeks of notification the NAHC requests that a follow telephone call be made to ensure that the project information has been received.

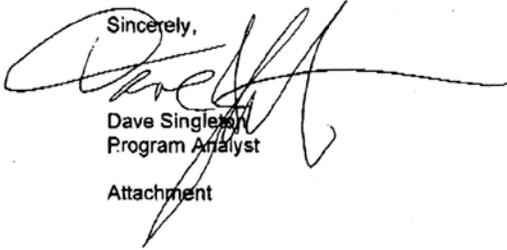
05/29/2013 13:42 FAX 916 657 5390

NAHC

002

If you have any questions or need additional information, please contact me at (916) 373-3715.

Sincerely,



Dave Singleton  
Program Analyst

Attachment

05/29/2013 13:42 FAX 916 657 5390

NAHC

003

**Native American Contacts  
Kern and Los Angeles Counties  
May 29, 2013**

**Beverly Salazar Folkes**  
1931 Shadybrook Drive  
Thousand Oaks, CA 91362  
805 492-7255  
(805) 558-1154 - cell  
folkes9@msn.com

Chumash  
Tataviam  
Fernandeño

San Fernando Band of Mission Indians  
John Valenzuela, Chairperson  
P.O. Box 221838  
Newhall, CA 91322  
tsen2u@hotmail.com  
(661) 753-9833 Office  
(760) 885-0955 Cell  
(760) 949-1604 Fax

Fernandeño  
Tataviam  
Serrano  
Vanyume  
Kitanemuk

**Fernandeno Tataviam Band of Mission Indians**  
Ronnie Salas, Cultural Preservation Department  
1019 - 2nd Street, Suite #1  
San Fernando CA 91340  
rortega@tataviam-nsn.gov  
(818) 837-0794 Office

Fernandeno  
Tataviam

Randy Guzman - Folkes  
6471 Cornell Circle  
Moorpark, CA 93021  
ndnRandy@yahoo.com  
(805) 905-1675 - cell

Chumash  
Fernandeño  
Tataviam  
Shoshone Paiute  
Yaqui

(818) 837-0796 Fax

**Ron Wermuth**  
P.O. Box 168  
Kernville, CA 93238  
warmoose@earthlink.net  
(760) 376-4240 - Home  
(916) 717-1176 - Cell

Tubatulabal  
Kawaiisu  
Koso  
Yokuts

San Manuel Band of Mission Indians  
Daniel McCarthy, M.S., Director-CRM Dept.  
26569 Community Center Drive  
Highland, CA 92346  
(909) 864-8933, Ext 3248  
dmccarthy@sanmanuel-nsn.gov  
(909) 862-5152 Fax

Serrano

**Kitanemuk & Yowlumne Tejon Indians**  
Delia Dominguez, Chairperson  
115 Radio Street  
Bakersfield, CA 93305  
deedominguez@juno.com  
(626) 339-6785

Yowlumne  
Kitanemuk

Kern Valley Indian Council  
Robert Robinson, Co-Chairperson  
P.O. Box 401  
Weidon, CA 93283  
brobinson@iwvisp.com  
(760) 378-4575 (Home)  
(760) 549-2131 (Work)

Tubatulabal  
Kawaiisu  
Koso  
Yokuts

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of the statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources for the proposed Alamo Powerplant Conduit Exemptions from the federal regulatory agency, FERC; located near the City of Lancaster in two locations straddling the Kern and Los Angeles counties line, for which Sacred Lands file searches and Native American Contacts list were

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791



June 7, 2013

To: Potentially Interested Parties

Subject: Notice of Availability of Applications for Conduit Exemption for Alamo Powerplant and for Conforming License Amendment to South SWP Hydropower Project, Federal Energy Regulatory Commission Project No. 2426

Pursuant to the Federal Energy Regulatory Commission (FERC) Regulation 18 CFR § 4.38(b)(1), the California Department of Water Resources (DWR) is notifying potentially interested parties on the availability of the Initial Consultation Document (ICD) for the Alamo Powerplant (APP), a facility of the South SWP Hydropower Project No. 2426 (P-2426). DWR intends to file applications with FERC for approval to convert the existing 17 megawatt APP, located on the East Branch of the California Aqueduct, State Water Project, to a conduit exemption. The ICD is available on DWR's website at <http://www.water.ca.gov/hlpc>. Hard copies and electronic copies of the ICD are available upon request.

DWR is seeking input from interested parties on the ICD and requests your written comments, or an acknowledgement of no comments, by **Monday, September 9, 2013**. Any comments should follow the requirements of 18 CFR § 4.38(b)(5). Please address your comments to:

Mr. Ted Craddock, Chief  
Hydropower License Planning and Compliance Office  
California Department of Water Resources  
P.O. Box 942836  
Sacramento, California 94236-0001

The purpose of the ICD is to comply with first stage consultation requirements under 18 CFR §4.38, and consists of the draft conduit exemption application and the associated draft application to make conforming amendments to the P-2426 license. The draft conduit exemption application includes Exhibit A (Project Description), Exhibit E (Environmental Report), and Exhibit G (Project Boundary Map). Exhibit F (Project Engineering Drawings) is non-public Critical Energy Infrastructure Information (CEII), and is not included.

Potentially Interested Parties  
June 7, 2013  
Page 2

APP is an existing licensed facility of P-2426. The proposed conduit exemption for APP will not involve any new construction or changes in the operation of the existing generating facility. The application to convert the licensed APP facility to a conduit exemption will involve a request from FERC for approval to change the authorization under which it operates as provided for in the Federal Power Act. This change in authorization will have no environmental effects. The draft license amendment application requests FERC approval to remove the APP and associated lands from the P-2426 license, modify or eliminate the associated maps and facility design drawing exhibits from the P-2426 license, and reduce the authorized installed capacity under P-2426.<sup>1</sup>

Joint Agency Public Meeting

Pursuant to FERC's regulations under 18 CFR § 4.38(b)(3), DWR has scheduled a joint agency public meeting from 9:00 a.m. to 11:00 a.m. on **Wednesday, July 10, 2013**, to seek input from agencies, Native American tribes, and the public that may be interested in the proposed conduit exemption application. The meeting will be held at:

Embassy Suites Valencia  
28508 Westinghouse Place  
Valencia, California 91355

Newspaper notices on the availability of the ICD and public meeting will be issued in accordance with FERC's regulations. During the public meeting, we will be discussing the conduit exemption application Project description, current facilities operation, and the conduit exemption application processes including an introduction to the three stage consultation requirements. We will also discuss waiving any applicable fees from fish and wildlife agencies for Federal Power Act Section 30(c) and waiving second stage consultation requirements. An opportunity for a site visit will take place immediately following the public meeting for those who RSVP and provide the required security information by **Wednesday, June 26, 2013** as detailed below. Transportation will be provided during the site visit.

DWR requests that you RSVP to Ms. Olivia Virgadamo at (916) 263-0359, or via email at [Olivia.Virgadamo@water.ca.gov](mailto:Olivia.Virgadamo@water.ca.gov) if you plan to attend the public meeting. Please indicate your availability to participate in the site visit, and if you require special accommodations.

---

<sup>1</sup> DWR is also circulating on this same date an ICD for its request for issuance of a conduit exemption for the Mojave Siphon Powerplant (MSPP) and to make conforming amendments to the P-2426 license. The draft P-2426 license amendment application included with the ICD for the Alamo Powerplant is the same draft license amendment application being circulated in the ICD for the MSPP conduit exemption application.

Potentially Interested Parties  
June 7, 2013  
Page 3

If you are participating in the site visit, you **must** RSVP in advance by **Wednesday, June 26, 2013** prior to the public meeting for security clearance purposes. You must receive security clearance in order to participate in the site visit. Please provide the following information:

1. Your legal full name
2. Any prior aliases
3. Government issued identification card and/or passport number
4. Your affiliation
5. Interest in the site

**For security purposes, participants who do not RSVP and provide the required security clearance information by Wednesday, June 26, 2013 will NOT be allowed to participate in the site visit.**

You will have the opportunity to submit written comments on the draft conduit exemption application following the public meeting. DWR is requesting your written comments, or an acknowledgement of no comments, by **Monday, September 9, 2013**. Any comments should follow the requirements of 18 CFR § 4.38(b)(5).

Request for Resource Agency and Native American Tribe Waiver of Second Stage Consultation

Following the first stage consultation, DWR intends to submit an application for a conduit exemption to FERC. The FERC rules allow for a second stage of consultation, which involves environmental studies, if necessary, and further review of a draft application. Because the conduit exemption for APP will merely substitute one form of FERC authorization for another, and will have no effect on natural or cultural resources, DWR is requesting resource agencies and Native American tribes to waive the second stage consultation requirements pursuant to 18 CFR § 4.38(c) and is including a waiver for those entities as it applies. This will allow DWR to proceed directly with filing the application for a conduit exemption to FERC. After your review of the ICD, please indicate your response to this request by completing and returning the enclosure titled "**Alamo Powerplant Conduit Exemption Second Stage Consultation Waiver**". Please either mail, or scan and email the signed waiver to Ms. Virgadamo at [Olivia.Virgadamo@water.ca.gov](mailto:Olivia.Virgadamo@water.ca.gov) by **Monday, September 9, 2013**.

Request for Fish and Wildlife Agency Waiver of Fees for Federal Power Act Section 30(c)  
Pursuant to 18 CFR § 4.301(a)(2) and (b), state and federal fish and wildlife agencies may be eligible for reimbursement of costs to set mandatory terms and conditions. Fish and wildlife agencies must provide a prospective exemption applicant with a reasonable estimate of the total costs the agency anticipates it will incur to set any mandatory terms

Potentially Interested Parties  
June 7, 2013  
Page 4

and conditions, if applicable. If your agency is eligible for reimbursement pursuant to this regulation, DWR requests an estimate of the costs for setting any mandatory terms and conditions, if applicable, or an acknowledgement that your agency intends to waive any fees and is including a waiver for those entities as it applies. After your review of the ICD, please indicate your agency's response by completing and returning the enclosure titled "**Alamo Powerplant Conduit Exemption Waiver of Fees for Federal Power Act Section 30(c)**". Please either mail, or scan and email the signed waiver to Ms. Virgadamo at [Olivia.Virgadamo@water.ca.gov](mailto:Olivia.Virgadamo@water.ca.gov) by **Monday, September 9, 2013**.

For more information, please contact me at (916) 263-0261, or your staff may contact Ms. Virgadamo at (916) 263-0359.

Sincerely,



Ted Craddock, Chief  
Hydropower License Planning and Compliance Office  
Executive Division

**California Department of Water Resources  
Alamo Powerplant Conduit Exemption  
Second Stage Consultation Waiver**

Date: \_\_\_\_\_

Mr. Ted Craddock, Chief  
Hydropower License Planning and Compliance Office  
California Department of Water Resources  
P.O. Box 942836  
Sacramento, California 94236-0001

Subject: **Draft Conduit Exemption Application for Alamo Powerplant  
Comments on Request for Waiver of the Federal Energy Regulatory  
Commission Second Stage Consultation Regulations**

Dear Mr. Craddock:

I/Our agency/tribe has reviewed the Conduit Exemption Application and Initial Consultation Document for the Alamo Powerplant and have the following response to the California Department of Water Resources' (DWR) request to waive second stage consultation under Federal Energy Regulatory Commission's (FERC) regulations:

- I/Our agency/tribe has no concerns or issues at this time and support DWR's request to waive second stage consultation. I understand that the second stage consultation involves public scoping and conducting field studies that were identified during the first stage of consultation and the filing of a draft conduit exemption application with FERC.
  
- I/Our agency/tribe has the following concerns or issues that require conducting studies and issuance of a draft conduit exemption application, and therefore, do not support DWR's request to waive second stage consultation at this time:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sincerely,

Print Full Name/Title: \_\_\_\_\_ / \_\_\_\_\_  
Agency/Tribal Affiliation: \_\_\_\_\_  
Contact Information: \_\_\_\_\_

**California Department of Water Resources  
Alamo Powerplant Conduit Exemption  
Waiver of Fees for Federal Power Act Section 30(c)**

Date: \_\_\_\_\_

Mr. Ted Craddock, Chief  
Hydropower License Planning and Compliance Office  
California Department of Water Resources  
P.O. Box 942836  
Sacramento, California 94236-0001

Subject: **Draft Conduit Exemption Application for Alamo Powerplant  
Comments on Request for Waiver of Fees for the Federal Energy  
Regulatory Commission Federal Power Act Section 30(c)**

Dear Mr. Craddock:

I am the authorized representative of a state or federal fish and wildlife agency, and am aware that fish and wildlife agencies are eligible for reimbursement of costs to set any required mandatory terms and conditions. I understand that I must provide a prospective Federal Power Act (FPA) Section 30(c) exemption applicant with a reasonable estimate of the total costs the agency anticipates it will incur to set any mandatory terms and conditions, if applicable. I have reviewed the Conduit Exemption Application and Initial Consultation Document for the Alamo Powerplant and have the following response to the California Department of Water Resources' (DWR) request to waive fees for FPA Section 30(c):

- Our agency will not be requiring mandatory terms and conditions, and will not be requesting reimbursement of any fees. Our agency supports DWR's request to waive fees for FPA 30(c).
  
- Our agency will be requiring mandatory terms and conditions, and therefore, does not support DWR's request to waive fees for FPA Section 30(c) at this time. As provided in 18 CFR § 4,301(b), we intend to provide an estimate of the cost we will incur to set mandatory conditions in our first stage consultation comments.

Sincerely,

Print Full Name/Title: \_\_\_\_\_ / \_\_\_\_\_  
Agency Affiliation: \_\_\_\_\_  
Contact Information: \_\_\_\_\_

**AFFIDAVIT OF PUBLICATION**

(2015.5 C.C.P.)

The space above for filing stamp only

**STATE OF CALIFORNIA**

County of Los Angeles

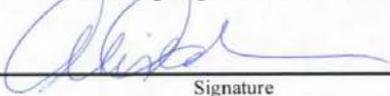
} ss

**NOTICE OF JOINT AGENCY PUBLIC MEETING  
DWR APP**

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk of the printer of the **Antelope Valley Press**, a newspaper of general circulation, printed and published daily in the City of Palmdale, County of Los Angeles, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Los Angeles, State of California, under date of October 24, 1931, Case Number 328601; Modified Case Number 657770 April 11, 1956; also operating as the Ledger-Gazette, adjudicated a legal newspaper June 15, 1927, by Superior Court decree No. 224545; also operating as the Desert Mailer News, formerly known as the South Antelope Valley Foothill News, adjudicated a newspaper of general circulation by the Superior Court of the County of Los Angeles, State of California on May 29, 1967, Case Number NOCS64 and adjudicated a newspaper of general circulation for the City of Lancaster, State of California on January 26, 1990, Case Number NOC10714, Modified October 22, 1990; that the notice, of which the annexed is a printed copy (set in type not smaller than nonpareil), has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

**June 26, 2013**

I certify (or declare) under penalty of perjury that the fore-going is true and correct.

  
Signature

Dated: June 26, 2013

Executed at Palmdale, California

*Valley Press*

37404 SIERRA HWY., PALMDALE CA 93550  
Telephone (661)267-4112/Fax (661)947-4870

**NOTICE OF JOINT AGENCY PUBLIC MEETING**

Pursuant to the Federal Energy Regulatory Commission (FERC) Regulation 18 CFR §1 4.38(b) and 4.38(g), the California Department of Water Resources (DWR) will be holding a joint agency public meeting to discuss its intent to file applications with FERC for authorization to convert the existing 17 megawatt Alamo Powerplant (APP) to a conduit exemption. The APP is an existing facility on the East Branch of the California State Water Project (SWP) and is a facility of the licensed South SWP Hydropower Project No. 2426. The proposed conduit exemption will not involve any new construction or changes in the operation of the existing generating facility. The purpose of the meeting is to seek input from potentially interested parties on the conduit exemption application. Topics of discussion include the conduit exemption application, the associated license amendment application, and the conduit exemption application processes including the three stage consultation requirements, and discussions on waiving any applicable fees from fish and wildlife agencies for Federal Power Act Section 30(c) and waiving second stage consultation requirements.

The joint agency public meeting will be held from **9:00am to 11:00am on Wednesday, July 10, 2013**, at the **Embassy Suites Valencia, 28508 Westinghouse Place, Valencia, California 91355**. For more information, visit DWR's website at <http://www.water.ca.gov/hpco>, or contact Olivia Virgadamo at (818) 263-0369. Publish: 6/26/13

# PROOF OF PUBLICATION

The BAKERSFIELD CALIFORNIAN  
P. O. BOX 440  
BAKERSFIELD, CA 93302

MWH  
3321 POWER INN RD STE 300  
SACRAMENTO, CA 95826

Ad Number: 13210007      PO #: Alamo  
Edition: TBC      Run Times 1  
Class Code Public Notices  
Start Date 6/26/2013      Stop Date 6/26/2013  
Billing Lines 66      Inches 5.51  
Total Cost \$ 203.03      Account 46987280  
Billing MWH  
Address 3321 POWER INN RD STE 300  
SACRAMENTO, CA 95826

STATE OF CALIFORNIA  
COUNTY OF KERN

I AM A CITIZEN OF THE UNITED STATES AND A RESIDENT OF THE COUNTY AFORESAID: I AM OVER THE AGE OF EIGHTEEN YEARS, AND NOT A PARTY TO OR INTERESTED IN THE ABOVE ENTITLED MATTER. I AM THE ASSISTANT PRINCIPAL CLERK OF THE PRINTER OF THE BAKERSFIELD CALIFORNIAN, A NEWSPAPER OF GENERAL CIRCULATION, PRINTED AND PUBLISHED DAILY IN THE CITY OF BAKERSFIELD COUNTY OF KERN,

AND WHICH NEWSPAPER HAS BEEN ADJUDGED A NEWSPAPER OF GENERAL CIRCULATION BY THE SUPERIOR COURT OF THE COUNTY OF KERN, STATE OF CALIFORNIA, UNDER DATE OF FEBRUARY 5, 1952, CASE NUMBER 57610; THAT THE NOTICE, OF WHICH THE ANNEXED IS A PRINTED COPY, HAS BEEN PUBLISHED IN EACH REGULAR AND ENTIRE ISSUE OF SAID NEWSPAPER AND NOT IN ANY SUPPLEMENT THEREOF ON THE FOLLOWING DATES, TO WIT: 6/26/13

ALL IN YEAR 2013

I CERTIFY (OR DECLARE) UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT.



DATED AT BAKERSFIELD CALIFORNIA

6/26/13

Printed on 6/26/2013 at 11:36:41AM

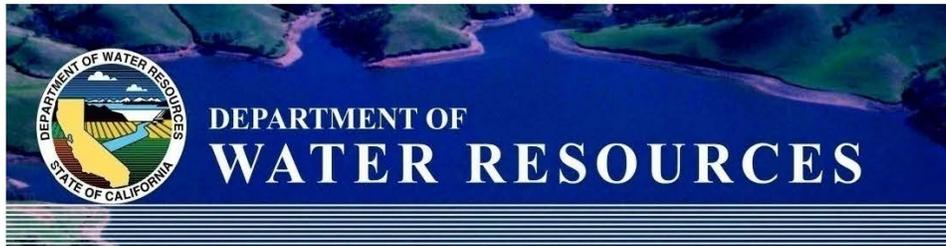
Solicitor I.D.: 0

First Text  
NOTICE OF JOINT AGENCY PUBLIC MEETING Pur

Ad Number 13210007

NOTICE OF JOINT AGENCY PUBLIC MEETING  
Pursuant to the Federal Energy Regulatory Commission (FERC) Regulation 18 CFR §§ 4.39(b) and 4.39(g), the California Department of Water Resources (DWR) will be holding a joint agency public meeting to discuss its intent to file applications with FERC for authorization to convert the existing 17 megawatt Alamo Powerplant (APP) to a conduit exemption. The APP is an existing facility on the East Branch of the California State Water Project (SWP) and is a facility of the licensed South SWP (Hydropower Project No. 2426. The proposed conduit exemption will not involve any new construction or changes in the operation of the existing generating facility. The purpose of the meeting is to seek input from potentially interested parties on the conduit exemption application. Topics of discussion include the conduit exemption application, the associated license amendment application, and the conduit exemption application process including the three stage consultation requirements, and discussions on waiving any applicable fees from fish and wildlife agencies for Federal Power Act Section 30(c) and waiving second stage consultation requirements.

The joint agency public meeting will be held from 9:00am to 11:00am on Wednesday, July 10, 2013, at the Embassy Suites Valencia, 28508 Westinghouse Place, Valencia, California 91355. For more information, visit DWR's website at <http://www.water.ca.gov/hj> BEO, or contact Olivia Viegas at (916) 263-0359. June 26, 2013 (13210007)



**AGENDA**

**JOINT AGENCY PUBLIC MEETING  
FOR  
ALAMO POWERPLANT CONDUIT EXEMPTION AND  
CONFORMING LICENSE AMENDMENT TO SOUTH SWP HYDROPOWER PROJECT  
FEDERAL ENERGY REGULATORY COMMISSION PROJECT NO. 2426**

Wednesday, July 10, 2013  
9:00 a.m. to 11:00 a.m.

Embassy Suites Valencia, Valencia, California

1. Introductions ..... 9:00 to 9:05 a.m.
2. State Water Project Overview ..... 9:05 to 9:10 a.m.
3. Alamo Powerplant Conduit Exemption Application Overview ..... 9:10 to 9:50 a.m.
4. Consultation Processes for Conduit Exemption Application..... 9:50 to 9:55 a.m.
5. Associated License Amendment Application Overview ..... 9:55 to 10:00 a.m.
6. Comments and Questions ..... 10:00 to 11:00 a.m.
7. Adjourn..... 11:00 a.m.



**Alamo Powerplant Conduit Exemption and  
Conforming License Amendment to South SWP Hydropower Project  
Federal Energy Regulation Commission Project No. 2426**

Joint Agency Public Meeting – July 10, 2013  
Sign-In Sheet

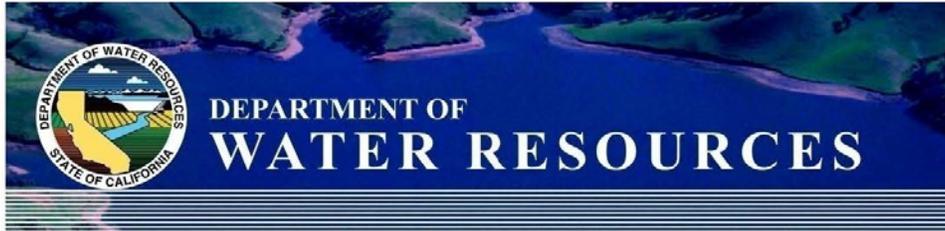
| Name               | Affiliation      | Phone<br>(Include Area Code) | Email      |
|--------------------|------------------|------------------------------|------------|
| MOLLY WHITE        | DWR              | [REDACTED]                   | [REDACTED] |
| Jill Miller        | MWH              | [REDACTED]                   | [REDACTED] |
| DOUG McPHERSON     | USBR             | [REDACTED]                   | [REDACTED] |
| Gwen Scholl        | DWR              | [REDACTED]                   | [REDACTED] |
| Sherida Schouweier | AWR              | [REDACTED]                   | [REDACTED] |
| Sarah Bartlett     | MWD of SC        | [REDACTED]                   | [REDACTED] |
| Anton Sy           | LADWP            | [REDACTED]                   | [REDACTED] |
| Jan Clements       | Van Ness Feldman | [REDACTED]                   | [REDACTED] |
| Jaime Santop       | DWR              | [REDACTED]                   | [REDACTED] |



**Alamo Powerplant Conduit Exemption and  
Conforming License Amendment to South SWP Hydropower Project  
Federal Energy Regulation Commission Project No. 2426**

Joint Agency Public Meeting – July 10, 2013  
Sign-In Sheet

| Name              | Affiliation                           | Phone<br>(Include Area Code) | Email      |
|-------------------|---------------------------------------|------------------------------|------------|
| Tony Meyers       | DWR                                   | [REDACTED]                   | [REDACTED] |
| Barbara McDonnell | mw#                                   | [REDACTED]                   | [REDACTED] |
| Ted Craddock      | DWR                                   | [REDACTED]                   | [REDACTED] |
| Olivia Virgadamo  | DWR                                   | [REDACTED]                   | [REDACTED] |
| PAUL M. GARTHY    | L.A. Co.<br>DEPT REGIONAL<br>PLANNING | [REDACTED]                   | [REDACTED] |
| JOHN RIZZARDO     | DWR                                   | [REDACTED]                   | [REDACTED] |
| Denise Barnes     | DWR                                   | [REDACTED]                   | [REDACTED] |
| Lisa Lee          | DWR                                   | [REDACTED]                   | [REDACTED] |
|                   |                                       |                              |            |



**AGENDA**

**ALAMO POWERPLANT SITE VISIT  
FOR  
ALAMO POWERPLANT CONDUIT EXEMPTION AND  
CONFORMING LICENSE AMENDMENT TO SOUTH SWP HYDROPOWER PROJECT  
FEDERAL ENERGY REGULATORY COMMISSION PROJECT NO. 2426**

Wednesday, July 10, 2013

Note the following:

- ✓ **No cameras, phones, or any type of recording device will be allowed during the site visit.**
- ✓ **Participants will not be allowed to drive their own vehicles to the Alamo Powerplant.**
- ✓ **Participants must have received prior security clearance in order to attend.**
- ✓ **Individuals without security clearances will not be allowed to participate.**

The site visit to the Alamo Powerplant will follow the public meeting, after the lunch break. Following the lunch break, participants must meet in front of the lobby of the Embassy Suites Valencia prior to 12:10 p.m. Transportation will be provided during the site visit. DWR representatives will confirm each individual with approved security clearance before allowing the individual to attend the site visit.

1. Lunch on your own ..... 11:00 a.m. to 12:10 p.m.
2. Travel from Embassy Suites Valencia to Alamo Powerplant ..... 12:10 to 12:50 p.m.
3. Alamo Powerplant Site Visit ..... 12:50 to 1:20 p.m.
4. Travel from Alamo Powerplant to Embassy Suites Valencia ..... 1:20. to 2:00 p.m.
5. Adjourn ..... 2:00 p.m.

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791



July 26, 2013

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

FERC Project No. 2426 – Alamo Powerplant Conduit Exemption  
Joint Agency Public Meeting

Dear Ms. Bose:

The Department of Water Resources (DWR) is currently pursuing a conduit exemption for Alamo Powerplant (APP), an existing small conduit hydroelectric facility of the licensed South SWP Hydropower Project No. 2426 (P-2426). APP is an existing 17 megawatt facility and the proposed conduit exemption will not involve any new construction or changes in the operation of the facility. DWR is concurrently pursuing a non-capacity license amendment to remove APP and associated lands from the P-2426 license, modify or eliminate the associated maps and facility design drawing exhibits from the P-2426 license, and reduce the authorized installed capacity under the P-2426 license.

DWR distributed an Initial Consultation Document (ICD) on June 7, 2013 to resource agencies, Native American tribes, and the public that may be interested in the proposed APP conduit exemption application. The ICD consisted of the draft APP conduit exemption application and the associated draft application to make conforming amendments to the P-2426 license. On July 10, 2013, DWR held a joint agency public meeting and a site visit of APP, as required under Federal Energy Regulatory Commission (FERC) Regulation 18 CFR § 4.38(b)(3). Notice of the meeting was included in the ICD and published in local newspapers, the Antelope Valley Press and The Bakersfield Californian, on June 26, 2013. Pursuant to FERC Regulations under 18 CFR § 4.38(b)(4), the joint agency public meeting was audio recorded.

Ms. Kimberly D. Bose, Secretary  
July 26, 2013  
Page 2

The enclosed CDs (2 copies) contain the following joint agency public meeting documentation associated with the APP conduit exemption application:

- Affidavit of publication of the notice of joint agency public meeting in the Antelope Valley Press on June 26, 2013
- Proof of publication of the notice of joint agency public meeting in The Bakersfield Californian on June 26, 2013
- Sign-in sheets from the July 10, 2013 public meeting
- Copy of the PowerPoint presentation at the July 10, 2013 public meeting
- Digital audio recording of the full July 10, 2013 public meeting.

The PowerPoint presentation and digital audio recording are also available on DWR's website at <http://www.water.ca.gov/hlpco> and copies will be provided upon request to any interested resource agency, Native American tribe, or member of the public.

If you have any questions or would like to discuss this further, please contact me at (916) 263-0261, or your staff may contact Olivia Virgadamo at (916) 263-0359.

Sincerely,



Ted Craddock, Chief  
Hydropower License Planning and Compliance Office  
Executive Division

Enclosures: 2 CDs

ORIGINAL

July 30, 2013

FILED  
SECRETARY OF THE  
COMMISSION



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

2013 AUG -5 A 9:54

FEDERAL ENERGY  
REGULATORY COMMISSION

**DIRECTORS**

**David Okita**  
President  
Solano County Water Agency

**Dan Flory**  
Vice President  
Antelope Valley-East Kern  
Water Agency

**Ray Stokes**  
Secretary-Treasurer  
Central Coast Water Authority

**Stephen Arakawa**  
Metropolitan Water District  
of Southern California

**Curtis Creel**  
Kern County Water Agency

**Mark Gilkey**  
Tulare Lake Basin Water  
Storage District

**Douglas Headrick**  
San Bernardino Valley MWD

**Joan Maher**  
Santa Clara Valley Water  
District

**Dan Masnada**  
Castaic Lake Water Agency

**General Manager**  
Terry Erlewine

Dear Ms. Bose:

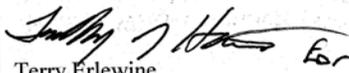
RE: Project No. 2426 Comments on June 2013 Draft Applications for Exemption for Small Conduit Hydroelectric Facility, Alamo Powerplant and Mojave Siphon Powerplant

The State Water Contractors (SWC) supports the applications of the California Department of Water Resources (DWR) to obtain conduit exemptions from the Federal Energy Regulatory Commission (FERC) for Alamo and Mojave Siphon Powerplants. If approved, this action would remove these facilities from the South SWP Hydropower FERC License No. P-2426. The SWC believes this approval is appropriate and consistent with the exemption guidelines.

FERC has allowed for the exemption of small conduit hydroelectric facilities from more extensive hydropower licensing requirements since 1979. Several SWC member agencies currently exercise this option, resulting in a more cost-effective regulatory oversight process at 19 hydroelectric plants, with a total installed capacity of 142 MW. The conduit exemption improves cost-effectiveness because it has streamlined reporting requirements and is issued in perpetuity. The SWC believes that regulation of conduit hydroelectric facilities should be as streamlined and non-burdensome as possible, since these types of facilities do not have any effects on natural water bodies or other environmental resources.

Through the State Water Project (SWP), SWC member agencies deliver water to more than 25 million residents, businesses, and farms throughout California. SWC fully supports DWR's efforts to achieve greater business efficiency and cost-effectiveness in managing the SWP with conduit exemptions at the Alamo and Mojave Siphon Powerplants.

Sincerely,

  
Terry Erlewine  
General Manager

cc: Ted Craddock, DWR



## United States Department of the Interior

BUREAU OF RECLAMATION  
Lower Colorado Region  
Southern California Area Office  
27708 Jefferson Avenue, Suite 202  
Temecula, CA 92590-2628

IN REPLY REFER TO:  
SCAO-1500  
PRJ-18.00

SEP 06 2013

Mr. Ted Craddock, Chief  
Hydropower License Planning and Compliance Office  
California Department of Water Resources (DWR)  
P.O. Box 948236  
Sacramento, CA 94236-0001

Subject: Alamo Powerplant, Los Angeles County, California

Dear Mr. Craddock:

The Bureau of Reclamation has reviewed the Initial Consultation Document for the Alamo Powerplant and attended the public hearing on July 10, 2013. The Alamo Powerplant is part of the California State Water Project (SWP), located on the East Branch of the California Aqueduct below the Tehachapi Afterbay in Los Angeles County, California.

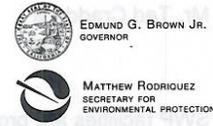
DWR intends to file applications with the Federal Energy Regulatory Commission (FERC) to convert the existing 17 megawatt hydroelectric project to a conduit exemption, removing the facility from FERC license P-2426 for the South SWP Hydropower Project. The proposed conduit exemption does not involve construction of any new facilities. No Federal lands or facilities are involved.

We have no comments on the Initial Consultation Document. We have no objection to the proposed conduit exemption or to the requested waiver of second stage consultation. If you need more information, please contact me at 951-695-5310 or by e-mail at [wsteele@usbr.gov](mailto:wsteele@usbr.gov).

Sincerely,

William J. Steele  
Area Manager

bc: LC-9300, SCAO-1500



**State Water Resources Control Board**

**SEP 09 2013**

Mr. Ted Craddock, Chief  
Hydropower License Planning and Compliance Office  
California Department of Water Resources  
P.O. Box 942836  
Sacramento, CA 94236-0001

Dear Mr. Craddock:

**RESPONSE TO REQUEST FOR COMMENTS ON THE INITIAL CONSULTATION DOCUMENT FOR CONDUIT EXEMPTION FOR ALAMO POWERPLANT AND CONFORMING LICENSE AMENDMENT TO SOUTH STATE WATER PROJECT HYDROPOWER PROJECT, FEDERAL ENERGY REGULATORY COMMISSION PROJECT NO. 2426, LOS ANGELES COUNTY**

The State Water Resources Control Board (State Water Board) received your letter, dated June 7, 2013, regarding the conduit exemption for the Alamo Powerplant and conforming license amendment to the South State Water Project Hydropower Project (South SWP). Section 401 of the Clean Water Act (CWA) (33 U.S.C. §1341) requires every applicant for a federal license or permit, which may result in a discharge into navigable waters, to provide the licensing or permitting federal agency with water quality certification that the project will be in compliance with specified provisions of the CWA, including water quality standards and implementation plans promulgated pursuant to section 303 of the CWA (33 U.S.C. § 1313). Section 401 of the CWA directs the agency responsible for water quality certification to prescribe effluent limitations and other limitations necessary to ensure compliance with the CWA and with any other appropriate requirement of state law. Section 401 further provides that water quality certification conditions shall become conditions of any federal license or permit for the project. The State Water Board is the state agency responsible for such water quality certification in California.

The California Department of Water Resources (DWR) has applied to the Federal Energy Regulatory Commission (Commission or FERC) for: (1) a conduit exemption for the Alamo Powerplant; and (2) a license amendment to remove or modify the exhibits associated with the Alamo Powerplant and reduce its installed capacity. The Alamo Powerplant is a facility of the licensed South SWP, which is also known as FERC Project No. 2426. If the Commission approves the conduit exemption and license amendment, the Alamo Powerplant will become a separate project from the South SWP. In general, State Water Board staff does not believe it is beneficial to break out projects from their larger licensed projects as it creates a patched network of projects that can be more difficult to assess and ensure meet water quality standards.

The California State Water Project (SWP) is a man-made system of canals, pipelines, powerplants, pumping plants, and reservoirs. The SWP collects water from the Feather River watershed for delivery to municipal, industrial, and agricultural consumers in Northern California, San Francisco Bay Area, San Joaquin Valley, Central Coast, and Southern California. The SWP delivers an annual average of approximately 2.5 million acre-feet through 20 pumping plants, nine hydroelectric powerplants, 34 storage facilities, and over 700 miles of aqueducts and pipelines, extending from Antelope Dam in Northern California to Lake Perris in Southern California.

FELICIA MARCUS, CHAIR | THOMAS HOWARD, EXECUTIVE DIRECTOR

1001 I Street, Sacramento, CA 95814 | Mailing Address: P.O. Box 100, Sacramento, Ca 95812-0100 | www.waterboards.ca.gov



SWP facilities are broken into the following segments: Upper Feather River Lakes; Oroville Area; North Bay Area; South Bay Area; San Luis Area; Coastal Branch; South San Joaquin; West Branch; and East Branch. The South SWP includes facilities in the West Branch and East Branch of the SWP. The Alamo Powerplant is located on the East Branch of the SWP in Los Angeles County which includes a 141-mile long system of canals and buried pipelines forming the southern portion of the SWP.

The Alamo Powerplant is a small capacity hydroelectric plant installed to recover energy associated with SWP pumping operations. The Alamo Powerplant has one 17,000 kilowatt generator connected to a 23,000 horsepower Kaplan turbine. The facilities leading into and exiting the Alamo Powerplant include an intake structure, a 4,100-foot long steel penstock, and tailrace.

The Alamo Powerplant is located on a paved and fenced site with existing developed facilities. The Alamo Powerplant is surrounded by private lands under agricultural production. There will be no construction activities associated with issuance of a conduit exemption for the Alamo Powerplant. There will be no changes in land or water use due to issuance of a conduit exemption. The conduit exemption will apply to an existing facility and will not involve an increase in capacity or existing use.

Flows from the SWP enter the concrete and asphalt-lined Tehachapi Afterbay and Tehachapi East Afterbay for short-term storage prior to being conveyed to the headworks of the Alamo Powerplant and the Cottonwood Chute (plant bypass). The flows are ultimately discharged for conveyance to downstream SWP facilities. According to the Draft Application for Exemption, there are no natural bodies of water or streams within the vicinity of the Alamo Powerplant and no natural water courses exist at the conduit exemption boundary. The portion of the SWP in the vicinity of the Alamo Powerplant is a concrete-lined, open water canal.

The State Water Board has not concluded its evaluation of the Alamo Powerplant conduit exemption and license amendment. While not anticipated, the conduit exemption and license amendment may require a water quality certification. State Water Board staff would like to work with DWR staff to further discuss this conduit exemption and license amendment and is working to schedule a meeting with DWR staff on September 18, 2013.

If you have questions regarding this letter, please contact me by phone at (916) 327-3117 or by email at [Michelle.Lobo@waterboards.ca.gov](mailto:Michelle.Lobo@waterboards.ca.gov). Written correspondence should be addressed as follows:

State Water Resources Control Board  
Division of Water Rights – Water Quality Certification Program  
Attn: Michelle Lobo  
P.O. Box 2000  
Sacramento, CA 95812-2000

Sincerely,



Michelle Lobo  
Environmental Scientist  
Water Quality Certification Program

cc: See next page.

SEP 09 2013

Mr. Ted Craddock

- 3 -

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

Ms. Olivia M. Virgadamo, P.E.  
Senior Engineer  
Hydropower License Planning and  
Compliance Office  
Department of Water Resources  
2033 Howe Avenue, Suite 220  
Sacramento, CA 95825

Mr. John Kemmerer  
Acting Director  
U.S. EPA, Region 9  
75 Hawthorne Street  
San Francisco, CA 94105

Ms. Pamela C. Creedon  
Executive Officer  
Central Valley Regional Water Quality  
Control Board  
11020 Sun Center Drive, Suite 200  
Rancho Cordova, CA 95670-6114

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Alamo Powerplant Conduit Exemption Application - Consultation Phone Log  
Printed on November 18, 2013

| Person Contacted                                    | Affiliation  | Phone Number | Date;Time         | Notes   |
|---|--|--------------|-------------------|---|
| Beverly Salazar Folkes                              |  | [REDACTED]   | 6/26/2013; 2:15pm | Stated Alamo Powerplant is located in dwelling area, but had no concerns.   |
| Christine Lehnertz,<br>Regional Director            | Pacific West Region National Park Service  | [REDACTED]   | 6/26/2013; 2:32pm | 6/26/2013 Spoke with Allan Schmierer, who later provided contact information for Stephen Bowes, FERC Hydropower Coordinator on 7/22/2013. Mr. Schmierer forward the HLPCO website link for ICD and audio recordings of public meeting to Mr. Bowes.   |
| Daniel McCarthy,<br>Director                        | San Manuel Band of Mission Indians   | [REDACTED]   | 6/26/2013; 4:12pm | Left voice message.   |
| Delia Dominguez,<br>Chairperson                     | Kitanemuk and Yowlumne Tejon Indians   | [REDACTED]   | 6/27/2013; 1:30pm | Left voice message.   |
| Eric Byous  | United States Environmental Protection Agency,<br>Region 9                       | [REDACTED]   | 6/26/2013; 2:42pm | Left voice message.   |
| Edmon Avakem,<br>Supervisory Service Area<br>Leader | Pacific Southwest, United States Forest Service                                  | [REDACTED]   | 6/26/2013; 2:40pm | Left voice message.   |
| Jan Zimmerman                                       | Lahontan Regional Water Quality Control Board                                    | [REDACTED]   | 6/26/2013; 2:10pm | Left voice message.   |
| Jeff Phillips,<br>Area Supervisor                   | Ventura Office, United States Fish and Wildlife<br>Service                       | [REDACTED]   | 6/26/2013; 2:41pm | Left voice message.   |
| John Valenzuela,<br>Chairperson                     | San Fernando Band of Mission Indians   | [REDACTED]   | 7/2/2013; 1:52pm  | Left voice message.   |
| Kathleen Forrest                                    | California State Office of Historic Preservation                                 | [REDACTED]   | 6/26/2013; 2:48pm | Had no concerns.  |
| Michael Jackson,<br>Area Manager                    | South Central California Area Office, United States<br>Bureau of Reclamation     | [REDACTED]   | 6/26/2013; 3:57pm | Left voice message with Pam Escobar [REDACTED]. Sent Ms. Escobar an email with link to HLPCO website for the ICD documents.   |
| Michelle Lobo,<br>Environmental Scientist           | Divison of Water Rights, State Water Resources<br>Control Board                  | [REDACTED]   | 6/26/2013; 2:08pm | Left voice message.   |
| Randy Guzman-Folkes                                 |  | [REDACTED]   | 6/26/2013; 3:33pm | Stated Alamo Powerplant is located in a lower floodplain, but had no concerns. Recommended to proceed with caution, if doing any ground disturbance. Requested information on the joint agency public meeting via email – email with meeting information sent on June 26, 2013 to [REDACTED]. |
| Robert Robinson,<br>Co-Chairperson                  | Kern Valley Indian Council   | [REDACTED]   | 7/2/2013; 11:00am | Had concerns if ground disturbances occurred. Does not support government performing expedited processes, and preferred Alamo Powerplant be a part of the P-2426 relicensing process.   |
| Ron Wermuth   |  | [REDACTED]   | 6/26/2013; 2:49pm | Mr. Wermuth confirmed receipt of ICD documents, and stated that he will forward them onto his cousin for review. Recommended to contact Tejon Tribe, and Dave Pentelton, Director at the California Native American Heritage Commission. ICD documents were emailed to NAHC at [REDACTED].    |
| Ronnie Salas  | Cultural Preservation Department, Fernandeno<br>Tataviam Band of Mission Indians | [REDACTED]   | 6/26/2013; 2:47pm | Left voice message.   |
|   | Los Angeles Regulatory Office, United States Army<br>Corps of Engineers          | [REDACTED]   | 6/26/2013; 2:32pm | Left voice message.   |

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**Final Application for Exemption  
for  
Small Conduit Hydroelectric Facility  
  
Alamo Powerplant**

**ATTACHMENT 3  
DOCUMENTATION OF CONSULTATION  
REGARDING FEDERAL POWER ACT SECTION 30(c)  
COST ESTIMATES**

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### **ATTACHMENT 3**

#### **DOCUMENTATION OF CONSULTATION REGARDING FEDERAL POWER ACT SECTION 30(c) COST ESTIMATES**

DWR sent the Notice of Availability on the draft ICD to the USFWS, NMFS and CDFW, for determining if these fish and wildlife agencies will be soliciting any fees to develop FPA Section 30(c) terms and conditions. Forms waiving FPA Section 30(c) fees were also provided to those fish and wildlife agencies. No responses were received from any of the fish and wildlife agencies. Copies of the Notice of Availability and waiver are attached below.

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**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791



June 7, 2013

To: Potentially Interested Parties

Subject: Notice of Availability of Applications for Conduit Exemption for Alamo Powerplant and for Conforming License Amendment to South SWP Hydropower Project, Federal Energy Regulatory Commission Project No. 2426

Pursuant to the Federal Energy Regulatory Commission (FERC) Regulation 18 CFR § 4.38(b)(1), the California Department of Water Resources (DWR) is notifying potentially interested parties on the availability of the Initial Consultation Document (ICD) for the Alamo Powerplant (APP), a facility of the South SWP Hydropower Project No. 2426 (P-2426). DWR intends to file applications with FERC for approval to convert the existing 17 megawatt APP, located on the East Branch of the California Aqueduct, State Water Project, to a conduit exemption. The ICD is available on DWR's website at <http://www.water.ca.gov/hlpc>. Hard copies and electronic copies of the ICD are available upon request.

DWR is seeking input from interested parties on the ICD and requests your written comments, or an acknowledgement of no comments, by **Monday, September 9, 2013**. Any comments should follow the requirements of 18 CFR § 4.38(b)(5). Please address your comments to:

Mr. Ted Craddock, Chief  
Hydropower License Planning and Compliance Office  
California Department of Water Resources  
P.O. Box 942836  
Sacramento, California 94236-0001

The purpose of the ICD is to comply with first stage consultation requirements under 18 CFR §4.38, and consists of the draft conduit exemption application and the associated draft application to make conforming amendments to the P-2426 license. The draft conduit exemption application includes Exhibit A (Project Description), Exhibit E (Environmental Report), and Exhibit G (Project Boundary Map). Exhibit F (Project Engineering Drawings) is non-public Critical Energy Infrastructure Information (CEII), and is not included.

Potentially Interested Parties  
June 7, 2013  
Page 2

APP is an existing licensed facility of P-2426. The proposed conduit exemption for APP will not involve any new construction or changes in the operation of the existing generating facility. The application to convert the licensed APP facility to a conduit exemption will involve a request from FERC for approval to change the authorization under which it operates as provided for in the Federal Power Act. This change in authorization will have no environmental effects. The draft license amendment application requests FERC approval to remove the APP and associated lands from the P-2426 license, modify or eliminate the associated maps and facility design drawing exhibits from the P-2426 license, and reduce the authorized installed capacity under P-2426.<sup>1</sup>

Joint Agency Public Meeting

Pursuant to FERC's regulations under 18 CFR § 4.38(b)(3), DWR has scheduled a joint agency public meeting from 9:00 a.m. to 11:00 a.m. on **Wednesday, July 10, 2013**, to seek input from agencies, Native American tribes, and the public that may be interested in the proposed conduit exemption application. The meeting will be held at:

Embassy Suites Valencia  
28508 Westinghouse Place  
Valencia, California 91355

Newspaper notices on the availability of the ICD and public meeting will be issued in accordance with FERC's regulations. During the public meeting, we will be discussing the conduit exemption application Project description, current facilities operation, and the conduit exemption application processes including an introduction to the three stage consultation requirements. We will also discuss waiving any applicable fees from fish and wildlife agencies for Federal Power Act Section 30(c) and waiving second stage consultation requirements. An opportunity for a site visit will take place immediately following the public meeting for those who RSVP and provide the required security information by **Wednesday, June 26, 2013** as detailed below. Transportation will be provided during the site visit.

DWR requests that you RSVP to Ms. Olivia Virgadamo at (916) 263-0359, or via email at [Olivia.Virgadamo@water.ca.gov](mailto:Olivia.Virgadamo@water.ca.gov) if you plan to attend the public meeting. Please indicate your availability to participate in the site visit, and if you require special accommodations.

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<sup>1</sup> DWR is also circulating on this same date an ICD for its request for issuance of a conduit exemption for the Mojave Siphon Powerplant (MSPP) and to make conforming amendments to the P-2426 license. The draft P-2426 license amendment application included with the ICD for the Alamo Powerplant is the same draft license amendment application being circulated in the ICD for the MSPP conduit exemption application.

Potentially Interested Parties  
June 7, 2013  
Page 3

If you are participating in the site visit, you **must** RSVP in advance by **Wednesday, June 26, 2013** prior to the public meeting for security clearance purposes. You must receive security clearance in order to participate in the site visit. Please provide the following information:

1. Your legal full name
2. Any prior aliases
3. Government issued identification card and/or passport number
4. Your affiliation
5. Interest in the site

**For security purposes, participants who do not RSVP and provide the required security clearance information by Wednesday, June 26, 2013 will NOT be allowed to participate in the site visit.**

You will have the opportunity to submit written comments on the draft conduit exemption application following the public meeting. DWR is requesting your written comments, or an acknowledgement of no comments, by **Monday, September 9, 2013**. Any comments should follow the requirements of 18 CFR § 4.38(b)(5).

Request for Resource Agency and Native American Tribe Waiver of Second Stage Consultation

Following the first stage consultation, DWR intends to submit an application for a conduit exemption to FERC. The FERC rules allow for a second stage of consultation, which involves environmental studies, if necessary, and further review of a draft application. Because the conduit exemption for APP will merely substitute one form of FERC authorization for another, and will have no effect on natural or cultural resources, DWR is requesting resource agencies and Native American tribes to waive the second stage consultation requirements pursuant to 18 CFR § 4.38(c) and is including a waiver for those entities as it applies. This will allow DWR to proceed directly with filing the application for a conduit exemption to FERC. After your review of the ICD, please indicate your response to this request by completing and returning the enclosure titled "**Alamo Powerplant Conduit Exemption Second Stage Consultation Waiver**". Please either mail, or scan and email the signed waiver to Ms. Virgadamo at [Olivia.Virgadamo@water.ca.gov](mailto:Olivia.Virgadamo@water.ca.gov) by **Monday, September 9, 2013**.

Request for Fish and Wildlife Agency Waiver of Fees for Federal Power Act Section 30(c)  
Pursuant to 18 CFR § 4.301(a)(2) and (b), state and federal fish and wildlife agencies may be eligible for reimbursement of costs to set mandatory terms and conditions. Fish and wildlife agencies must provide a prospective exemption applicant with a reasonable estimate of the total costs the agency anticipates it will incur to set any mandatory terms

Potentially Interested Parties  
June 7, 2013  
Page 4

and conditions, if applicable. If your agency is eligible for reimbursement pursuant to this regulation, DWR requests an estimate of the costs for setting any mandatory terms and conditions, if applicable, or an acknowledgement that your agency intends to waive any fees and is including a waiver for those entities as it applies. After your review of the ICD, please indicate your agency's response by completing and returning the enclosure titled "**Alamo Powerplant Conduit Exemption Waiver of Fees for Federal Power Act Section 30(c)**". Please either mail, or scan and email the signed waiver to Ms. Virgadamo at [Olivia.Virgadamo@water.ca.gov](mailto:Olivia.Virgadamo@water.ca.gov) by **Monday, September 9, 2013**.

For more information, please contact me at (916) 263-0261, or your staff may contact Ms. Virgadamo at (916) 263-0359.

Sincerely,



Ted Craddock, Chief  
Hydropower License Planning and Compliance Office  
Executive Division

**California Department of Water Resources  
Alamo Powerplant Conduit Exemption  
Waiver of Fees for Federal Power Act Section 30(c)**

Date: \_\_\_\_\_

Mr. Ted Craddock, Chief  
Hydropower License Planning and Compliance Office  
California Department of Water Resources  
P.O. Box 942836  
Sacramento, California 94236-0001

Subject: **Draft Conduit Exemption Application for Alamo Powerplant  
Comments on Request for Waiver of Fees for the Federal Energy  
Regulatory Commission Federal Power Act Section 30(c)**

Dear Mr. Craddock:

I am the authorized representative of a state or federal fish and wildlife agency, and am aware that fish and wildlife agencies are eligible for reimbursement of costs to set any required mandatory terms and conditions. I understand that I must provide a prospective Federal Power Act (FPA) Section 30(c) exemption applicant with a reasonable estimate of the total costs the agency anticipates it will incur to set any mandatory terms and conditions, if applicable. I have reviewed the Conduit Exemption Application and Initial Consultation Document for the Alamo Powerplant and have the following response to the California Department of Water Resources' (DWR) request to waive fees for FPA Section 30(c):

- Our agency will not be requiring mandatory terms and conditions, and will not be requesting reimbursement of any fees. Our agency supports DWR's request to waive fees for FPA 30(c).
  
- Our agency will be requiring mandatory terms and conditions, and therefore, does not support DWR's request to waive fees for FPA Section 30(c) at this time. As provided in 18 CFR § 4,301(b), we intend to provide an estimate of the cost we will incur to set mandatory conditions in our first stage consultation comments.

Sincerely,

Print Full Name/Title: \_\_\_\_\_ / \_\_\_\_\_  
Agency Affiliation: \_\_\_\_\_  
Contact Information: \_\_\_\_\_

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**Final Application for Exemption  
for  
Small Conduit Hydroelectric Facility  
  
Alamo Powerplant**

**ATTACHMENT 4  
DRAFT PUBLIC NOTICE**

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UNITED STATES OF AMERICA  
FEDERAL ENERGY REGULATORY COMMISSION

California Department of Water Resources

Project No. \_\_\_\_\_

NOTICE OF APPLICATION ACCEPTED FOR FILING AND SOLICITING  
COMMENTS, MOTIONS TO INTERVENE, PROTESTS,  
RECOMMENDATIONS, AND TERMS AND CONDITIONS

(\_\_\_\_\_, 2014)

Take notice that the following hydroelectric application has been filed with the Commission and is available for public inspection:

- a. Type of Application: Conduit Exemption
- b. Project No.: \_\_\_\_\_
- c. Date filed: January 15, 2014
- d. Applicant: California Department of Water Resources
- e. Name of Project: Alamo Powerplant
- f. Location: The existing Alamo Powerplant is located on the East Branch, South SWP Hydropower Project No. 2426 (P-2426), in Los Angeles County, California. The applicant owns all of the lands on which the Alamo Powerplant is located.
- g. Filed Pursuant to: Federal Power Act, 16 U.S.C. §§ 791a-825r.
- h. Applicant Contact: Mr. Ted Craddock, Chief  
Hydropower License Planning and Compliance Office  
P.O. Box 942836, Sacramento, CA 94236-0001  
Telephone: 916-263-0261  
Email: [Ted.Craddock@water.ca.gov](mailto:Ted.Craddock@water.ca.gov)
- i. Commission Contact: \_\_\_\_\_, 202-502-\_\_\_\_\_, \_\_\_\_\_
- j. Status of Environmental Analysis: The application is ready for environmental analysis at this time and the Commission is requesting comments, reply comments, recommendations, terms and conditions, and prescriptions.
- k. Deadline for filing responsive documents: Due to the small size of the proposed Alamo Powerplant conduit exemption, as well as the absence of any concerns from resource agencies, Indian tribes, or members of the public during the initial consultation process, the

60-day timeframe specified in 18 CFR § 4.34(b) for filing all comments, motions to intervene, protests, recommendations, terms and conditions, and prescriptions is shortened to 30 days from the issuance date of this notice. All reply comments must be filed in response to comments submitted by any resource agency, Indian tribe, or person, and must be filed with the Commission within 45 days from the issuance date of this notice.

Comments, protests, and interventions may be filed electronically via the Internet in lieu of paper; see 18 CFR § 385.2001(a)(1)(iii) and the instructions on the Commission's website at <http://www.ferc.gov/docs-filing/efiling.asp>. The Commission strongly encourages electronic filings.

The Commission's Rules of Practice and Procedure require all intervenors filing documents with the Commission to serve a copy of that document on each person in the official service list for the Alamo Powerplant conduit exemption. Further, if an intervenor files comments or documents with the Commission relating to the merits of an issue that may affect the responsibilities of a particular resource agency, they must also serve a copy of the document on that resource agency.

- l. Description of Project: The proposed Alamo Powerplant conduit exemption will be located on the applicant's water supply system in Los Angeles County, California, and will consist of an existing powerplant containing one generating unit having an installed capacity of 17 megawatts. The applicant states that the Alamo Powerplant has an average annual generation of 83,751,800 kilowatt-hours, which is used to offset power use for pumping in the California State Water Project.
- m. Locations of the Application: A copy of the application is available for inspection and reproduction at the Commission's Public Reference Room, located at 888 First Street, NE, Room 2A, Washington, DC 20426. This filing may also be viewed on the web at <http://www.ferc.gov/docs-filing/elibrary.asp> using the "eLibrary" link. Enter the docket number, here P-\_\_\_\_\_, in the docket number field to access the document. For assistance, call 1-866-208-3676 or e-mail [FERCOnlineSupport@ferc.gov](mailto:FERCOnlineSupport@ferc.gov). For TTY, call 202-502-8659. A copy is also available for inspection and reproduction at the address in item (h) above.
- n. Development Application: Any qualified applicant desiring to file a competing application must submit to the Commission, on or before the specified deadline date for the particular application, a competing development application, or a notice of intent to file such an application. Submission of a timely notice of intent allows an interested person to file the competing development application no later than 120 days after the specified deadline date for the particular application. Applications for preliminary permits will not be accepted in response to this notice.
- o. Protests or Motions to Intervene: Anyone may submit a protest or a motion to intervene in accordance with the requirements of Rules of Practice and Procedure, 18 CFR §§ 385.210, 385.211, 385.214. In determining the appropriate action to take, the Commission will consider all protests or other comments filed, but only those who file a motion to intervene in

accordance with Commission's Rules may become a party to the proceeding. Any protests or motions to intervene must be received on or before the specified comment date for the particular application.

- p. Filing and Service of Responsive Documents: All filings must (1) bear the title "PROTEST", "MOTION TO INTERVENE", "NOTICE OF INTENT TO FILE COMPETING APPLICATION", "COMPETING APPLICATION," "COMMENTS," "REPLY COMMENTS," "RECOMMENDATIONS," "TERMS AND CONDITIONS;" or "PRESCRIPTIONS;" (2) set forth in the heading the name of the applicant and the number of the application to which the filing responds; (3) furnish the name, address, and telephone number of the person protesting or intervening; and (4) otherwise comply with the requirements of 18 CFR §§ 385.2001 through 385.2005. All comments, recommendations, terms and conditions, or prescriptions must set forth their evidentiary basis and otherwise comply with the requirements of 18 CFR § 4.34(b). Agencies may obtain copies of the application directly from the applicant. Any of these documents must be filed by providing the original and seven copies to: Secretary, Federal Energy Regulatory Commission, 888 First Street, N.E., Washington, D.C. 20226. An additional copy must be sent to the Director, Division of Hydropower Administration and Compliance, Office of Energy Projects, Federal Energy Regulatory Commission, at the above address. A copy of any protest or motion to intervene must be served upon each representative of the applicant specified in the particular application. A copy of all other filings in reference to this application must be accompanied by proof of service on all persons listed in the service list prepared by the Commission in this proceeding, in accordance with 18 CFR §§ 4.34(b) and 385.2010.

Kimberly D. Bose,  
Secretary

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