

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



May 28, 2010

Mr. Alan F. Colton
Manager – Environmental Services
Sunrise Powerlink Transmission Project
8315 Century Park Court, CP21G
San Diego, CA 92123-1550

RE: SDG&E Sunrise Powerlink Transmission Line Project - Notice to Proceed (NTP #4)

Dear Mr. Colton

On January 26, 2010, San Diego Gas and Electric (SDG&E) requested authorization from the California Public Utilities Commission (CPUC) to commence with preparation and occupation of the Alpine Regional Field Offices Yard 18A, Segment 15, Section 6, Link 4 of the Sunrise Powerlink Project.

The SDG&E Sunrise Powerlink Transmission Line Project was evaluated in accordance with the National Environmental Policy Act and California Environmental Quality Act. The mitigation measures and applicant-proposed measures (APMs) described in the Final Environmental Impact Report/Statement were adopted by the CPUC and BLM as conditions of project approvals. The CPUC also adopted a Mitigation, Monitoring, Compliance and Reporting Program (MMCRP) to ensure compliance with all mitigation measures imposed on the Sunrise Powerlink Project during implementation. The CPUC voted on December 18, 2008 to approve the Final Environmentally Superior Southern Route (Decision D.08-12-058) and a Notice of Determination was submitted to the State Clearinghouse (SCH#2006091071). The BLM issued a Record of Decision approving the same route on January 20, 2009. The Project also crosses lands under jurisdiction of the U.S. Department of Agriculture Forest Service on the Cleveland National Forest; however, the Forest Service has not yet issued its Record of Decision. The area requested under this NTP does not fall under Forest Service jurisdiction.

The Sunrise Powerlink Project will be constructed in 26 segments, as defined on the CPUC's project website (<http://www.cpuc.ca.gov/Environment/info/aspen/sunrise/sunrise.htm>). It is anticipated that, even within the 26 project segments, SDG&E will submit multiple separate requests for Notice to Proceed (NTPs) during the construction process. This is a typical process for transmission line projects. Given that the Sunrise Powerlink Project has been approved by the CPUC and BLM, as described above, this segmented construction review process allows SDG&E to proceed with individual project components where compliance with all applicable mitigation measures and conditions can be documented.

This letter and the attached Compliance Status table document the CPUC's thorough evaluation of all activities covered in this NTP. The evaluation process ensures that all mitigation measures and Biological Opinion Conditions applicable to the location and activities covered in the NTP are implemented, as required in the CPUC's Decision and in BLM's Record of Decision.

NTP #4 for the Alpine Regional Field Offices Yard 18A is granted by CPUC for the proposed activities based on the factors described below.

SDG&E NTP Request

The CPUC has carefully reviewed the NTP request submitted by SDG&E and verified that it incorporates compliance with all applicable mitigation measures. Excerpts from the SDG&E NTP request dated January 26, 2010 are presented below with CPUC clarifications based on discussions and/or correspondence with SDG&E inserted **(in parenthesis and in bold)**. Additional information was provided by SDG&E in an e-mail received February 23, 2010. On April 2, 2010 a more extensive submittal of additional information was made in which the description of yard parameters was modified. Further clarification was provided April 30, 2010. This information has been incorporated into the following:

- The area requested is an administrative field construction office complex, identified as the Alpine Regional Field Offices. For reference purposes, this yard is identified as Yard 18A. The Alpine Regional Field Offices will support the entire Sunrise project area. These offices will be comprised of a series of connected mobile office units, sanitary facilities, and a parking area on **(mostly)** already disturbed portions of **(an existing)** yard. This complex is temporary in nature and will be dismantled and removed at the completion of the project, restoring the site to its present condition. SDG&E has arranged and secured a lease term of 3 years for this site from the property owner.

Field Office construction will consist of: installation of temporary prefabricated modular building structures and associated structures that will function as administrative office facilities for project personnel; installation of vehicle parking areas for project personnel using facilities; and installation of temporary and portable radio communications microwave tower system with retractable tower anticipated to be set at a height of 25 feet.

- Proposed improvements to the yard will include: improved site entrance with automated gate system and security access control system; perimeter fencing with visual screening (see below for greater detail); surfacing of existing dirt fill yard with all weather permeable aggregate base material; installation of temporary lighting; and installation of site utilities
- Site utility additions include: installation of temporary overhead electrical service to the site; installation of a diesel-powered emergency generator to support emergency power loss; extension of potable water and fire water service; and extension of sewer laterals and tie into main sewer line.
- Trenching will occur to install water and sewer utilities. SDG&E is currently pursuing applicable ministerial permits and will provide them **(to the CPUC prior to construction)** when available.
- The parcels are bordered by Tavern Road to the North and the East, and Interstate 8 to the South and are zoned M52 – Limited Industrial.
- The pads are accessed via an existing unpaved entrance at Tavern Road. Approximately 85% of the property has been graded by the owner for use as an equipment and materials storage area. The parcels are cleared of vegetation and consist of bare ground with some scattered re-growth of native and non-native vegetation. The useable area proposed for the Alpine Regional Field Offices is relatively flat and **(mostly)** clear of vegetation. This portion of the construction yard occupies approximately 10.52 Acres of land.

SDG&E has proposed the installation of a new security perimeter fence system with visual screening to be located along the perimeter of the existing property line in accordance with setbacks as required by the County of San Diego. Upon completion of the proposed perimeter fence installation, it is anticipated that the existing temporary perimeter fence will be removed and replaced with appropriate delineation to barricade any identified sensitive habitat or vegetation. **(If SDG&E decides not to remove the fencing, the CPUC shall be notified,**

and sensitive habitat will be appropriately delineated for exclusion.) It is anticipated that some vegetation clearing will be required for the installation of the proposed perimeter fence system. **(Fence system vegetation clearing stipulations are discussed below.)**

SDG&E has also proposed improvements to the existing temporary site driveway entrance to comply with site access requirements set forth by the County of San Diego DPW (**Department of Public Works**) and in general conformance with San Diego County DPW Design Standards DS-18 gated driveway entrance. County of San Diego DPW has required that the proposed entrance be modified to transition and taper out to the ultimate roadway width at County Right of Way. As a result of this requirement, some clearing of vegetation and tree removal will be required. In addition as a condition of final inspection and building occupancy approval by the Alpine Fire District, all vegetation within 100 feet of the proposed temporary modular buildings must be trimmed down to no more than 12 inches above the ground. SDG&E plans to defer the installation of the proposed perimeter fence system, site entrance modifications, and fuel modification brush clearing until all required biological clearances, approvals and/or permits have been obtained **(these shall be submitted to the CPUC before start of work at this site).**

In addition SDG&E requests that the NTP be conditioned for CPUC receipt and approval of the Habitat Acquisitions Plan (HAP) and Habitat Management Plan (HMP) **(as required by Mitigation Measure B-1a)** prior to initiating work which impacts habitat including the proposed perimeter fence system, site entrance modifications, and fuel modification brush clearing. No **(habitat)** restoration will be conducted at the Alpine Regional Field Offices, Yard 18A site. The site has been previously disturbed and the contractual agreement with the property owner does not include any restoration. Impacts to vegetation at this site will be mitigated under the HAP. **(Submittal of the HAP, HMP, Weed Control Plan and a summary of total acreage impacts resulting from the installation of the parameter fence, driveway improvements and vegetation trimming shall be tabulated and submitted to the CPUC for review and approval prior to conducting any activities that disturb habitat areas.)**

As provided by SDG&E, construction can commence on-site prior to site entrance modifications. In coordination with Kenneth Brazell of the San Diego County DPW, SDG&Es current understanding is the existing Alpine Regional Field Offices, Yard 18A site driveway is suitable for mobilization and preparation of the site. The proposed driveway improvements and taper at right of way are required by the County DPW before occupancy of the site as a temporary administrative facility.

A Construction Lighting Plan was provided with the NTP request. Fixtures for lighting at the Alpine Regional Field Offices shall be installed in conjunction with the overhead electrical utility system. Fixtures shall occupy the same poles as overhead cable. SDG&E identified the need for 24 lighting fixtures dispersed throughout the site where parking and offices are located. These lighting fixtures will be located on poles of 24 feet in length above grade. Lighting fixtures shall be weatherproof. The lighting consists of Fully Shielded 90W Low Pressure Sodium lamps in order to meet County Light Pollution Code requirements protecting local observatories. Site parking and security lighting will comply with County Light Pollution Code, Ordinance #9716. In an effort to improve energy efficiency and reduce night time lighting, approximately 50% of lighting circuits will remain on for critical safety and security from 11:00PM to sunrise. **(All complaints received by SDG&E in regard to its use of the yard shall be logged and reported immediately to the CPUC. This includes complaints relevant to lighting as well as noise and dust, etc. Complaints should also be forwarded immediately to San Diego County. If complaints cannot be resolved, lighting at the site may need to be modified and/or sound attenuation devices may need to be installed etc., depending on the nature of the complaint.)**

The yard will be restored to its original condition, with the exception of any permitted site improvements as agreed to by the landowner. This will include demobilization of any temporary facilities as well as clean-up of the site including collection and proper disposal of any waste, trash and debris. It is anticipated that the extension of

underground potable water, fire water service, and sewer laterals will be capped at their point of connection above grade and remain. **(The CPUC shall be notified when laterals are capped.)** It is anticipated that any permitted right-of-way improvements for the site entrance/access will also remain post demobilization.

SDG&E has completed a Traffic Impact Analysis report specific to Alpine Yard 18A. The report has indicated that the operations at local intersections are acceptable for projected pre-construction and full-construction project related traffic. It has been determined that there are no significant impacts related to project traffic.

A construction document permit package has been submitted to the County of San Diego DPLU/DPW for the implementation of the Alpine Regional Field Offices Yard 18A and plan check is in progress. It is anticipated that the following ministerial permits will be required by the County of San Diego: Non-Vesting Underground Site Utilities Permit, Tree Removal in County Right of Way Permit, Traffic Control Plan and Permit for construction in County Right of Way, Building Permit and Waste Water Discharge Permit. These permits will be submitted upon receipt and prior to construction as applicable to construction phasing and permit issuance. The permits will be submitted **(to CPUC)** upon receipt.

SDG&E requests that the Alpine Regional Field Offices, Yard18A, NTP be conditioned for verification of noticing mailings including address lists, postings and newspaper postings , as required under Mitigation Measures L-1a, LU-APM-1. **(Verification shall of noticing be supplied to the CPUC prior to construction.)**

Applications have been made for the appropriate air district permit for the back-up generator and an Authority to Construct will be obtained before the emergency generator is installed. A Hazardous Material Business Plan will be filed with the San Diego County Dept. of Environmental Health prior to arrival of the generator. (HMBP – Emergency Generator, Mitigation Measures HS-APM-1, HS-APM-3, and AQ-1b.) In addition, a Spill Prevention Control and Countermeasures Plan (SPCC) will be implemented prior to installation of the generator. **(The HMBP and SPCC will be submitted to the CPUC prior to installation of the emergency generator.)**

Construction activities will occur during daytime, weekday hours as designated by local ordinances. Should construction activities need to occur outside of this time frame, a variance for night construction will be obtained 45 days prior to construction if any night activities are proposed.

SDG&E has assigned an Environmental Field Representative for construction set-up, utilization, and demobilization of this construction yard: Rebecca Carson, Staff Environmental Scientist, Burns & McDonnell, 858.603.9215 or 415.710.8486.

Under **(Mitigation Measure)** AQ-1h, the CPUC has approved the SDG&E Monitoring and Mitigation Programs **[Sunrise Powerlink Transmission Project, Construction Emissions Monitoring Plan (CEMP)]** to reduce NOx and PM10 impacts from Project construction. The reductions of NOx and PM10 under these Programs should be **(would be)** sufficient in themselves to satisfy the requirement for mitigation under **(Mitigation Measure)** AQ-1h. In addition, SDG&E is coordinating with the San Diego Air Pollution Control District (SDCAPCD) and the Imperial County Air Pollution Control District (ICAPCD) on mitigation fund award payments to further reduce NOx and PM10 impacts from construction through agency-directed projects. The SDAPCD is in the process of identifying the best programs for utilization of this funding. Once they have identified the potential projects the SDAPCD is planning to take the MOU to their Board of Directors in June or July 2010. **(The MOU must be approved prior to the start of construction.)**

A project specific Fire Prevention and Response Plan (FPRP) was acknowledged* by CAL Fire Chief **(the plan has been CPUC approved)**. A project Fire Marshall has been hired onto the project and is assigned to enforce the FPRP. **(*In regard to the FPRP the Cal Fire Chief provided “The signatory reviewing officials are acknowledging that SDG&E has a Construction Fire Prevention Plan that is appropriate and necessary**

to mitigate fire hazard and risk for the SRPL construction and maintenance activities. They do not accept any responsibility for SDG&E interpretation or implementation of this Plan during the construction and maintenance of the SRPL or for any resulting actions associated with these activities.”)

CPUC Evaluation of Mitigation Implementation

All applicable project mitigation measures, APMs, compliance plans, and permit conditions shall be implemented. Some measures have on-going/time-sensitive requirements and are required to be implemented prior to and during construction where applicable. For biological and cultural resources, those additional conditions are defined in this section.

Please see also the attached Compliance Status Table documenting pre-construction requirements identified in the Final EIR/EIS. Note that entries shaded in yellow are outstanding and must be completed prior to the start of construction. Entries shaded in purple are to be conducted during construction. Entries shaded in gray have either been fulfilled or are not applicable to this action.

Following the discussion of biological, cultural, and paleontological resources, a list of bulleted conditions is presented to define additional information and clarifications regarding outstanding requirements. In some cases, these items exceed the requirements of the Mitigation Measures and Applicant Proposed Measures, and are based on specific site conditions and/or are proposed conditions by SDG&E. In these cases, the conditions will not also appear in the Compliance Status Table.

Biological Resources

This section presents background on biological resources that occur at or near the site. This summary of biological issues was provided by SDG&E in the initial NTP request and the supplemental information provided in April 2010 included this summary of biological issues.

As provided in the request there are no riparian/wetland, rivers, wells, springs, or drainage areas located in this area. The portion of the property adjacent to Interstate 8 includes more than an acre of undisturbed native vegetation (chaparral) which is not proposed to be disturbed outside of minor fencing and setback impacts as described above and will be delineated/flagged and protected from impacts throughout the duration of the project. The southeast portion of the property has an area of re-established chaparral, which will also be delineated/flagged and protected from impacts outside of minor fencing and setback impacts as described above throughout the duration of the project.

The first reconnaissance habitat survey was conducted October 15, 2009. On March 16, 2010, a second reconnaissance habitat survey of the proposed Alpine Regional Field Offices was conducted. The objective of the most recent survey was to assess sensitive and non-sensitive biological resources within the existing fence line and within the footprint of the proposed revised driveway to the field office as required by County of San Diego DPW. While approximately 85 percent of the Yard 18A parcels consist of bare ground, recent rains and warmer temperatures have resulted in a flush of spring growth of native and non-native plant species. However, the re-growth of these species does not constitute habitat according to SDG&E (Please note that these statements were reviewed by the CPUC biological consultant).

SDG&E requests that the Alpine Regional Field Offices, Yard 18A, NTP be conditioned for conducting pre-construction surveys for nesting birds within 100 feet of the construction zone within 10 calendar days

prior to the initiation of construction that would occur between January 15 and August 15. In addition, nesting surveys for listed species including raptors shall be conducted within 500 feet of the construction zone within 10 days prior to the initiation of construction that would occur between January 15 and August 15 **(Please note that Mitigation Measure B-8a requires raptor surveys between January 1 and September 15, this is the requirement under NTP #4). (Results of these surveys will be submitted to the California Department of Fish and Game (CDFG) and United States Fish and Wildlife Service (USFWS) (collectively the “Wildlife Agencies”) for review and approval prior to initiating any construction activities. These conditions are consistent with Mitigation Measure B-8a.)**

Vegetation Management. The slopes along the existing driveway from Tavern Road into the Yard 18A parcels support disturbed coastal sage scrub habitat. This driveway will be widened a few feet to the east and tapered where it joins Tavern Road. As a result of the driveway improvements, some of the vegetation lining the eastern edge of the driveway and vegetation next to Tavern Road (disturbed coastal sage scrub) will be removed. One large laurel sumac (*Malosma laurina*) at the intersection of the west side of the driveway and Tavern Road will also be removed by these driveway improvements.

Impact to vegetation will occur as a result of the installation of the proposed perimeter fence system, site entrance modifications (as required by the County of San Diego DPW), and fuel modification brush clearing (as required by the Alpine Fire District) at the Alpine Regional Field Offices, Yard 18A. As discussed previously, this work will not begin until all required biological clearances, approvals and/or permits have been obtained and CPUC has received and approved the HAP, HMP and Weed Control Plan.

Quino Checkerspot Butterfly (QCB). The impact to vegetation at the Alpine Regional Field Offices, Yard 18A includes impacts to Quino checkerspot butterfly (QCB) habitat. In accordance with Mitigation Measure B-7i, SDG&E has completed QCB surveys. On May 11, 2010 a protocol QCB survey report was submitted to CPUC. Results demonstrated that no QCB were observed within the Alpine Yard 18A. SDG&E also submitted documentation that the survey report was submitted to the United States Fish and Wildlife Service (USFWS), which agreed that “the site is not currently occupied by QCB.”

Impacts to QCB habitat will occur as a result of yard modifications and will be mitigated as defined in Mitigation Measure B-7i. As discussed above, this work will not begin until all required biological clearances, approvals and/or permits have been obtained and CPUC has received and approved the HAP, HMP and Weed Control Plan.

Coastal California Gnatcatcher. As provided in the NTP #3 Alpine Yard 18 request which relates directly to this NTP because the two parcels are adjacent to each other, the area surrounding the site is potential habitat for the gnatcatcher. In accordance with Mitigation Measure B-7i, SDG&E is currently conducting protocol-level coastal California gnatcatcher surveys in appropriate habitat along the Project alignment and within associated yards, access roads, pull sites, etc. Surveys began in March 2010. (Results of these surveys will be submitted to the Wildlife agencies for review and approval prior to initiating any construction activities.) SDG&E requested that the Alpine Construction Yard 18A NTP be conditioned for completion of pre-construction surveys for nesting birds (including gnatcatchers) within 10 calendar days prior to the initiation of construction. A USFWS permitted coastal California gnatcatcher biologist will conduct the nesting bird surveys and will play a tape recording of coastal California gnatcatcher calls (if needed) to help determine presence/absence of the species. Results of

the nesting surveys will be submitted to the Wildlife Agencies for their review and approval prior to initiating any construction activities.

If coastal California gnatcatchers are determined to be present, but not nesting, SDG&E's permitted biologist will survey for nesting coastal California gnatcatchers approximately once per week within 500 feet of the construction zone for the duration of construction activities during the breeding season. If an active coastal California gnatcatcher nest(s) is located within 500 feet of the construction zone, a 300-foot-no-construction buffer will be established around each nest site. USFWS will be consulted for any reduction to this buffer zone. If construction must occur within the 300-foot buffer, a qualified acoustician will monitor noise. If the noise meets or exceeds the noise threshold defined in Mitigation Measure B-7I (60 dBA), or if it is determined that nesting activities are being otherwise compromised, the biologist shall have the authority to halt construction and shall consult with the Wildlife Agencies to devise methods to reduce the noise and/or disturbance in the vicinity are established, such as installing a noise barrier.

CPUC Review. The CPUC biological consultant reviewed the initial NTP request as well as follow-up materials and provided comments on February 3 and April 11, 2010. Based on the aerial photograph provided with the request, Diegan coastal sage scrub appears to occur immediately adjacent to the site. The CPUC consultant reviewed the December 2009 California Gnatcatcher Report, prepared by Chambers Group, Inc. (SDG&E Biological Resource Consultant), to determine whether this area was previously assessed for habitat potential for coastal California gnatcatcher and/or whether focused surveys for the species were conducted. The report did not identify Yard 18A as a project feature, and it does not appear that this area was previously assessed for coastal California gnatcatcher. Therefore, SDG&E shall conduct a coastal California gnatcatcher habitat survey of the Yard 18A site, including 500 foot perimeter, as conditioned above and in compliance with Mitigation Measure B-7I. The results of the survey shall be submitted to the Wildlife Agencies and CPUC for review and approval prior to initiating any construction activities.

Based on review of initial NTP request materials, the CPUC biological consultant also provided input that a QCB survey should be completed, as discussed above.

Cultural Resources

In compliance with Mitigation Measure C-1a, the Inventory of Cultural Resources letter report pertaining to Alpine Yard 18a was submitted to the CPUC and BLM on March 23, 2010. No cultural resources were identified in the record searches or cultural surveys for the Area of Potential Effect (APE). The report was reviewed by the CPUC cultural resources consultant. The report indicates that the yard is currently covered by as much as 12 feet of fill, thus precluding the possibility of encountering or disturbing cultural resources. The letter report stated that "All earth-disturbing activities (e.g., grading, trenching, etc.) within Alpine Yard 18a shall be monitored by a professional archaeologist and a Native American consultant; and in the event of an archaeological discovery, all construction activity in the vicinity of the find shall be redirected or halted. In consultation with the BLM and the CPUC, SDG&E shall develop a plan to assess the find and mitigate impacts/effects to the resource."

Paleontological Resources

In compliance with Mitigation Measure PAL-1a, the Paleontological Resources Review letter report pertaining to Alpine Yard 18a was submitted to the CPUC on March 19, 2010. The Paleontology Report stated that "Given the lack of paleontological resources at the proposed Alpine Regional Field Offices support site, any construction activities related to development of the site will not result in

any resource impacts. However, in the unlikely event that a paleontological discovery is made during site development, all earthwork must cease in the area of discovery until a recovery plan is prepared, reviewed, and approved by CPUC ..." The report was reviewed by the CPUC consultant.

Conditions of NTP Approval

The conditions presented below shall be met by SDG&E and its contractors:

1. All applicable project mitigation measures, APMs, compliance plans, and permit conditions shall be implemented. Some measures have on-going/time-sensitive requirements and shall be implemented prior to and during construction where applicable. Please see the attached table of pre-construction mitigation measure requirements. Note that entries shaded in yellow are outstanding and shall be completed prior to the start of construction. Purple entries shall be conducted during construction. Grey entries have either been fulfilled or are not applicable to this action. Bulleted items can be found below which provide additional information and clarifications to outstanding requirements.
2. Prior to construction, SDG&E must submit all applicable ministerial, encroachment, and haul permits to the CPUC.
3. Copies of all relevant permits, compliance plans, and this Notice to Proceed shall be available on site for the duration of construction activities.
4. All necessary and/or appropriate ministerial permits applicable to Mitigation Measure LU-APM-9 shall be submitted to the CPUC prior to construction.
5. Verification of noticing including address lists, postings and newspaper postings, as required under Mitigation Measures L-1a, LU-APM-1 shall be submitted to the CPUC prior to construction.
6. Per Mitigation Measure LU-APM-6, crews shall flag (yard and fence line) boundaries and limits of construction activity inside and outside the environmentally sensitive areas to alert construction personnel that those areas should be avoided.
7. No clearing or disturbance to vegetation shall occur outside of approved work areas.
8. All required biological clearances, approvals and/or permits will be obtained and submitted to the CPUC and approved prior to the installation of the proposed perimeter fence system, site entrance modifications, and fuel modification brush clearing. In addition, a summary of total acreage impacts, the HAP, and HMP (Mitigation Measure B-1a) and Weed Control Plan (Mitigation Measure B-3a) shall be submitted to the CPUC for review and approval prior to initiating work that involves removal of potential habitat.
9. For construction activities conducted during the coastal California gnatcatcher breeding season (February 15 through August 30), a permitted biologist shall survey for potential species habitat within 10 calendar days prior to initiating activities in the yard. The survey shall include potential gnatcatcher habitat within the yard and up to a 500 foot boundary surrounding the yard. As agreed to by SDG&E, a permitted coastal California gnatcatcher biologist conduct the habitat survey so that he/she can play a tape recording of gnatcatcher calls (if needed) to help determine presence/absence of the species. The results of the surveys (habitat and audio) shall be submitted to the wildlife agencies (and CPUC) for review and approval prior to initiating any construction activities.

10. If California gnatcatcher or Quino Checker Spot butterfly are identified prior to or during construction, the USFWS shall be notified immediately.
11. In compliance with Mitigation Measure B-8a, pre-construction surveys for nesting birds within 100 feet of the construction zone within 10 calendar days prior to the initiation of construction shall occur between January 15 and August 15. In addition, nesting surveys for listed species including raptors shall be conducted within 500 feet of the construction zone within 10 days prior to the initiation of construction shall occur between January 1 and August 15.
12. "Survey sweeps" will occur immediately preceding and during active construction as part of required biological monitoring activities. If active nests are found, a biological monitor shall establish an appropriate buffer around the nest and no activities will be allowed within the buffer until the young have fledged from the nest or the nest fails. The biological monitor shall conduct regular monitoring of the nest to determine success/failure and to ensure that project activities are not conducted within the buffer until the nesting cycle is complete or the nest fails. The biological monitor shall be responsible for documenting the results of the surveys and the ongoing monitoring. The buffer may be adjusted with the approval CDFG and USFWS, and with prior knowledge of the CPUC.
13. Prior to tree removal, appropriate tree removal permits shall be submitted. Immediately proceeding tree removal activities a biologist shall survey for nesting birds and roosting bats. If resources are identified, appropriate agencies (County, CDFG and/or USFWS depending on species) shall be notified prior to proceeding with tree removal activities.
14. Per MM B-7h, no construction shall occur within 4,000 ft of an eagle nest during breeding season December-June. Information obtained from the U.S. Forest Service and the BLM provided that no potential eagle nesting or foraging areas are near the Alpine Regional Field Offices, Yard 18A site. Should eagle nests be discovered, appropriate buffer zones will be established.
15. All earth-disturbing activities (e.g., grading, trenching, etc.) within Alpine Yard 18A shall be monitored by a professional archaeologist and a Native American consultant; and in the event of an archaeological discovery, all construction activity in the vicinity of the find shall be redirected or halted. In consultation with the BLM and the CPUC, SDG&E shall develop a plan to assess the find and mitigate impacts/effects to the resource.
16. In the event that a paleontological discovery is made during site development, all earthwork must cease in the area of discovery until a recovery plan is prepared, reviewed, and approved by CPUC.
17. All complaints received by SDG&E in regard to the use of the yard shall be logged and reported immediately to the CPUC. This includes complaints relevant to lighting as well as noise and dust, etc. Complaints should also be forwarded immediately to San Diego County. If complaints cannot be resolved, lighting at the site may need to be modified and/or sound attenuation devices may need to be installed etc., depending on the nature of the complaint.
18. If the application of water is needed to abate dust in construction areas and on dirt roads, SDG&E shall use the least amount needed to meet safety and air quality standards and prevent the formation of puddles, which could attract wildlife to construction sites (as requested by USFWS).
19. As detailed in Mitigation Measure S-3b, availability of reclaimed water will be determined and documentation provided to the CPUC for review and approval.
20. In regard to Mitigation Measure WQ-APM-8, per the NTP request, groundwater will not be removed and discharged to surface water or storm drains. If dewatering is necessary, it will be contained and

be disposed of in accordance with local and regional disposal requirements. The appropriate permits shall be acquired and submitted to the CPUC.

21. As provided by SDG&E, no lane closures are anticipated. If required, SDG&E will obtain required permits for any temporary lane closures from the County of San Diego or other jurisdictions as necessary. These will be submitted to the CPUC. If temporary lane closures are needed, advance coordination with emergency service providers will occur and documentation will be submitted to the CPUC.
22. As proposed, the SDG&E Environmental Monitoring Program will be implemented during construction which will include implementation of the applicable environmental plans (as defined in HS-APM-1, HS-APM-2, HS-APM 3, HS-APM-8 and HS-APM-10). SDG&E has designated an Environmental Field Representative for the Alpine Regional Field Offices, Yard 18A. The Representative will be on site to observe and document adherence to the applicable environmental plans.
23. All crew members shall be Safe Worker and Environmental Awareness Program (SWEAP) trained prior to working on the project. A log shall be maintained on-site with the names of all crew personnel trained. For any crew members with limited English, a translator shall be on-site to ensure understanding of the training program. In place of a translator, the SWEAP training brochure can be provided in Spanish or other languages as appropriate. All participants will receive a hard-hat sticker for ease of compliance verification.
24. Applications have been made for the appropriate air district permit for the back-up generator and an Authority to Construct will be obtained before the emergency generator is installed. A Hazardous Material Business Plan will be filed with the San Diego County Dept. of Environmental Health prior to arrival of the generator. (HMBP – Emergency Generator, Mitigation Measures HS-APM-1, HS-APM-3, and AQ-1b.) In addition, a Spill Prevention Control and Countermeasures Plan (SPCC) will be implemented prior to installation of the generator. The HMBP and SPCC will be submitted to the CPUC prior to installation of the emergency generator.
25. In regard to the Hazard Communication Plan to fully satisfy the intent of Mitigation Measure P-1a, documentation of training for personnel who would be working near or handling hazardous materials shall be submitted to the CPUC for review after completion of these training activities.
26. No movement or staging of construction vehicles or equipment shall be allowed outside of the approved areas. If additional temporary workspace areas or access routes, or changes in technique and mitigation implementation to a lesser level are required, a Variance Request shall be submitted for CPUC review.
27. If construction debris or spills enter into environmentally sensitive areas, appropriate jurisdictional agencies and the CPUC Environmental Monitor (EM) shall be notified immediately.

Please contact me if you have any questions or concerns.

Sincerely,

Billie Blanchard

Billie Blanchard
CPUC Environmental Project Manager
Sunrise Powerlink Transmission Project

cc: Ken Lewis, CPUC Program Manager
Nicholas Sher, CPUC Legal Division
Daniel Steward, BLM El Centro Field Office
Tom Zale, BLM El Centro Field Office
Susan Lee, Aspen Environmental Group
Vida Strong, Aspen Environmental Group
Anne Coronado, Aspen Environmental Group
Hedy Koczwarra, Aspen Environmental Group
Don Haines, San Diego Gas and Electric Company
Tina Carter, San Diego Gas and Electric Company
Robert Hawkins, U.S. Forest Service
Michael Bennett, BLM Palm Spring South Coast Field Office
Cliff Harvey, State Water Resources Control Board
Eric Porter, USFWS
Doreen Stadtlander, USFWS
Paul Schlitt, CDFG
Heather Pert, CDFG
Kelly Fisher, CDFG
Erin Wilson, CDFG

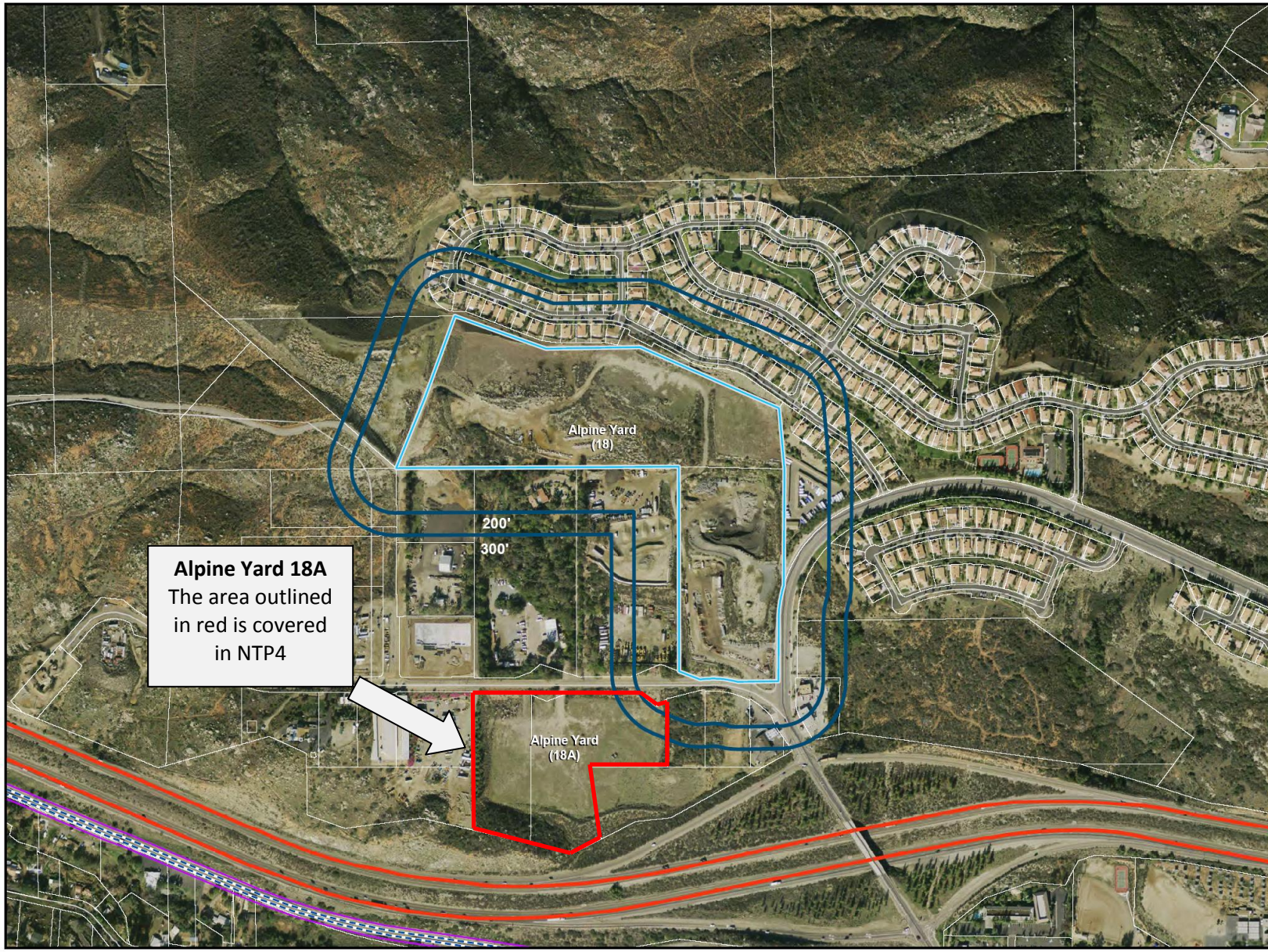
Enclosures (2): Figure
Compliance Table



SUNRISE POWERLINK™

LEGEND

- Sunrise 500kV Overhead
- Sunrise 230kV Overhead
- Sunrise 230kV Underground
- Buffer
- Right of Way
- Construction Yard/Staging Area
- Parcels



Alpine Yard 18A
The area outlined in red is covered in NTP4

Alpine Yard 18
The area outlined in light blue is not addressed in NTP4



**Sunrise Powerlink NTP 4
Alpine Yard 18A**

**Sunrise Powerlink Project
NTP 4 Compliance Table**

| Pre-Construction Compliance Status Table as applied to the Alpine Yard 18A NTP #4 (05-28-10) | |
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| Mitigation Measure and APM | Status |
| Please note that the full text of the mitigation measure conditions are not provided in this table. Complete measures can found in the EIR/EIS and MMCRP. Abbreviated conditions of the USFWS Biological Opinion are shown in green highlights. | Please note that cells highlighted in grey have been fulfilled or are not applicable. Cells highlighted in yellow are conditions of the NTP and shall be fulfilled with documentation submitted to the CPUC prior to construction. Cells highlighted in purple will be fulfilled during construction. |
| B-1a: Provide restoration/compensation for impacted sensitive vegetation communities | Submittal of the Habitat Acquisitions Plan (HAP), Habitat Management Plan (HMP), and a summary of total acreage impacts resulting from the installation of the parameter fence, driveway improvements and vegetation trimming shall be tabulated and submitted to the CPUC for review and approval prior to conducting any activities that disturb habitat areas. No restoration will be conducted at the Alpine Regional Field Offices, Yard 18A site. Therefore, completion and approval of the Sunrise Powerlink Project Habitat Restoration Plan is not applicable for the Notice to Proceed at the Alpine Regional Field Offices Yard 18A. |
| B-1c: Conduct biological monitoring | Biological monitoring will be provided during fencing of the parcels, site preparation, construction of the office complex, and periodically throughout the use of the yard. Weekly monitoring reports will be prepared and submitted. A final report will be submitted upon demobilization of the construction yard. |
| B-1k: Re-seed disturbed areas after a transmission line-caused fire | NA |
| B-1l: SDG&E shall continue to work with the USDA Forest Service to minimize impacts to the RCA between Structures 184 and 187 | NA |
| B-2a: Provide restoration/compensation for impacted jurisdictional areas | See B-1a |
| B-3a: Prepare and implement a Weed Control Plan | Weed Plan shall be submitted and approved prior to installation of the proposed perimeter fence system, site entrance modifications, and fuel modification brush clearing. |
| G-CM-20 SDG&E will prepare and implement a comprehensive, adaptive Weed Control Plan for pre-construction and long-term invasive weed abatement. The Weed Control Plan will be approved by the BLM, USFS, and Wildlife Agencies before implementation... developed in consultation with the San Diego County Agriculture Commissioner's Office and the California Invasive Plant Council (Cal-IPC)...A pre-construction weed inventory will be conducted... | See B-3a |
| B-5a: Conduct rare plant surveys, and implement appropriate avoidance/minimization/compensation strategies | 3-16-10 A recognizance survey of the Alpine Yard was conducted no sensitive species were reported. |
| G-CM-32 Prior to construction activities, SDG&E will conduct on-the-ground surveys (following Service protocols where they exist) for the following listed species where such surveys had not been conducted in 2007 and 2008, or for those species for which surveys in 2007 and 2008 were not reliable due to lack of sufficient rainfall. San Diego Thornmint (<i>Acanthomintha ilicifolia</i>), San Bernardino Bluegrass (<i>Poa atropurpurea</i>), Willowy Monardella (<i>Monardella viminea</i>), Quino Checkerspot Butterfly (<i>Euphydryas editha quino</i>), Arroyo Toad (<i>Bufo californicus</i>), Southwestern Willow Flycatcher (<i>Empidonax traillii extimus</i>), Least Bell's Vireo (<i>Vireo bellii pusillus</i>), Coastal California Gnatcatcher (<i>Polioptila californica californica</i>), Stephen's Kangaroo Rat (<i>Dipodomys stephensi</i>) | Protocol quino checkerspot butterfly surveys were submitted with negative findings. As outlined in the NTP approval letter CA gnatcatcher surveys shall be conducted prior to construction. |
| San Diego Thornmint: SS-CM-1 No impacts will occur to the thornmint population at and adjacent to MP 116 or to any thornmint occurrences between MP 114 and 119...In other areas where suitable thornmint habitat (i.e., gabbro and calcareous soils and a slope of 0 to 25 percent) exists, the area to be impacted will be surveyed for thornmint before any impacts may occur, per G-CM-32. | NA |
| SS-CM-2 Impacts to San Diego thornmint will first be avoided where feasible, and where not feasible due to physical or safety constraints, impacts will be compensated through salvage and relocation via a restoration program...The CPUC, BLM, USFS and Wildlife Agencies will decide whether the applicant can restore San Diego thornmint populations or will acquire habitat with San Diego thornmint... | NA |
| B-7a Cover all steep-walled trenches or excavations used during construction to prevent the entrapment of wildlife (e.g. reptiles and small mammals) | All steep-walled trenches or excavations will be covered during construction. Trenching will occur for installation of underground site utilities. Biological monitoring will be provided during site set-up and trenching for utilities within the disturbed and delineated portions of the parcels. |
| B-7b: Implement avoidance/mitigation/compensation according to the Flat-Tailed Horned Lizard Range wide Management Strategy | NA |

Sunrise Powerlink Project NTP 4 Compliance Table

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| B-7c: Minimize impacts to Peninsular bighorn sheep and provide compensation for loss of critical habitat | NA |
| SS-CM-22 Construction activities (including the use of helicopters) in bighorn sheep designated critical habitat will be limited to outside the lambing season (January 1 through June 30) and the period of greatest water need (June 1 through September 30) as defined in the Recovery Plan... | NA |
| SS-CM-23 Compensation for the loss of occupied bighorn sheep habitat will be implemented... | NA |
| SS-CM-24 A biological consultant approved by the Wildlife Agencies will be retained by SDG&E to collect data on bighorn sheep movements in the area during the construction phase. Prior to construction the biologist shall submit a bighorn sheep monitoring plan that meets the approval of the Wildlife Agencies... | NA |
| SS-CM-25 To help reconnect desert bighorn sheep subpopulations and at least partially offset impacts to the overall population caused by the project, SDG&E will: Fund the design and construction of an overpass or underpass, or tunnel to facilitate desert bighorn sheep movement across a highway...Fund, design, and construct a system of fences to prevent bighorn sheep from crossing on the surface of westbound Interstate 8...Fund removal of tamarisk, fountain grass, other invasive species, and hazardous fences for the life of the project... | NA |
| B-7d: Conduct burrowing owl surveys, and implement appropriate avoidance/ minimization/compensation strategies | Surveys for nesting birds shall be conducted 10-days prior to construction and reported to the CPUC. |
| B-7e: Conduct least Bell's vireo and southwestern willow flycatcher surveys, and implement appropriate avoidance/ minimization/compensation strategies | NA: No habitat exists for least Bell's vireo or the southwestern willow flycatcher within, or along the perimeter of the Alpine Regional Field Offices, Yard 18A. |
| SS-CM-16 During construction, all grading or brushing taking place within riparian habitats occupied by the vireo will be conducted outside the vireo breeding season (defined as March 15 through September 15)... | NA: See B-7e |
| SS-CM-17 To avoid impacts to vireo, towers, pads, pull stations, access roads, staging areas, and fly yards will be located outside of riparian vegetation, including occupied vireo habitat, where feasible.. | NA: See B-7e |
| SS-CM-18 To minimize adverse impacts from loss of occupied habitat in the Cleveland National Forest, and to minimize predation and parasitism, SDG&E will develop and implement a brown-headed cowbird (<i>Molothrus ater</i>) trapping program, in consultation with the USFS. | NA |
| B-7h: Implement appropriate avoidance/ minimization strategies for eagle nests | SDG&E correspondence with USFS and BLM show that no potential eagle nesting or foraging areas occur near the Alpine field offices. Biologists will monitor during construction. |
| B-7i: Conduct Quino checkerspot butterfly surveys, and implement appropriate avoidance/minimization/compensation strategies | Protocol quino checkerspot butterfly surveys were submitted with negative findings. USFWS confirmed the report submittal. |
| SS-CM-3 A biologist permitted by the Service will delineate suitable/occupied (quino) habitat areas that will be impacted by project construction... | See B-7i |
| SS-CM-4 A pre-construction, Service protocol presence/absence survey for the adult Quino will be conducted within the delineated suitable/occupied habitat in the construction zone... | See B-7i |
| SS-CM-5 Any Service-approved restoration (plan) of impacted (quino) habitat will be conducted in areas with appropriate topographical and biological features to be determined by the Service, BLM, USFS and SDG&E... | See B-7i |
| SS-CM-6 Due the extreme importance of the Quino population located in the Jacumba Unit of Quino critical habitat, SDG&E will consult with the Service regarding the final design and siting of all permanent and temporary impacts (e.g., towers, pads, access roads, staging areas, pull down areas, helipads, and fuel modification zones) within Quino critical habitat... | See B-7i |
| SS-CM-7 No new construction will occur during the Quino flight season within 1 km (1 mi) of any known or newly discovered Quino occurrence. If it is not feasible to construct outside of the flight season in these instances, SDG&E must obtain written consent from the Service to proceed with construction. | See B-7i |
| B-7j: Conduct arroyo toad surveys, and implement appropriate avoidance/ minimization/compensation strategies | NA: No habitat exists for arroyo toad within or along the perimeter of the Alpine Regional Field Offices, Yard 18A. |

Sunrise Powerlink Project NTP 4 Compliance Table

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| SS-CM-8 A pre-construction, Service protocol, survey will be conducted for the arroyo toad by a biologist approved by the Service to handle the toad) in all areas of the project located within suitable arroyo toad breeding habitat. The removal of toad riparian breeding habitat will occur from October through December to minimize potential impacts to breeding adults (including potential sedimentation impacts to toad eggs) and dispersing juveniles. | See B-7j |
| SS-CM-9 SDG&E will develop an arroyo toad translocation monitoring program to be implemented during all construction activities that have the potential to adversely affect the arroyo toad... | See B-7j |
| SS-CM-10 To offset the loss of occupied and suitable arroyo toad habitat within the project area, and to offset indirect effects of the project on arroyo habitat, SDG&E will develop and implement an arroyo toad predator control program on USFS lands. The scope and methods for this program will be developed in consultation with the Service and USFS. | See B-7j |
| SS-CM-11 Compensation for the loss of arroyo toad-occupied habitat will be implemented... Any acquired habitat will be approved by the CPUC, BLM, USFS, and Wildlife Agencies. | See B-7j |
| SS-CM-15 Towers, pads, pull stations, access roads, staging areas, and fly yards will not be located within suitable/potential arroyo toad upland aestivation and riparian breeding habitat to the extent feasible... | See B-7j |
| B-7i: Conduct coastal California gnatcatcher surveys, and implement appropriate avoidance/minimization/compensation strategies | SDG&E shall conduct a coastal California gnatcatcher survey on the Yard 18A site and within 500 feet of the construction area within 10 calendar days prior to initiating activities to determine if the species is present. The results of the survey shall be submitted to the wildlife agencies for review and approval prior to initiating any construction activities. |
| SS-CM-19 All brushing or grading taking place within occupied habitat of the gnatcatcher 500 ft of any gnatcatcher sightings during construction will be conducted outside of the gnatcatcher breeding season (2-15 through 8-31). When conducting all other construction activities during the gnatcatcher breeding season, within occupied habitat, the following avoidance measures will apply. Vegetation clearing outside of the breeding season (10-1 through 2-14) will take place in the presence of a biological monitor approved by the Service... A Service-approved biologist will survey for gnatcatchers within 10 days prior to initiating activities in an area. The results of the survey will be submitted to the Wildlife Agencies for review and approval prior to initiating any construction activities...If an active nest is located, 300-ft no-construction buffer will be established around each nest site... The applicant will contact the Wildlife Agencies to determine the appropriate buffer zone...However, if construction must take place within 300-ft buffer, a qualified acoustician will monitor noise.. | See B-7i |
| SS-CM-20 Compensation for the loss of occupied gnatcatcher habitat will be implemented...Any acquired habitat will be approved by the CPUC, BLM, USFS, and Wildlife Agencies. | See B-7i |
| SS-CM-21 Compensation for the loss of unoccupied designated critical habitat for the gnatcatcher will be implemented...Any acquired habitat will be approved by the CPUC, BLM, USFS, and Wildlife Agencies. | See B-7i |
| B-8a: Conduct pre-construction surveys and monitoring for breeding birds | Per the request a qualified biologist will conduct pre-construction surveys and monitoring for nesting birds within habitat areas along the perimeter...If active nests are located, a suitable buffer will be established. If project construction (not vegetation clearing or tree trimming/removal) cannot occur completely outside the general avian breeding season, then pre-construction surveys will be conducted in the following manner: 1. 100-foot pre-construction surveys will be conducted for non-listed bird species prior to occupancy/use. 2. 500-foot pre-construction surveys for listed bird species, including raptors. |
| B-9a: Survey for bat nursery colonies | Per the request: No roosting areas, such as large rocks or large buildings, exist as habitat for bat nursery colonies. Therefore this mitigation measure does not apply. |
| B-10a: Utilize collision-reducing techniques in installation of transmission lines | This location is designated as a construction yard and transmission lines will not be installed as part of this work. Therefore, this mitigation measure does not apply. |
| B-11a: Prepare and implement a Raven Control Plan | NA |
| B-12a: Conduct maintenance activities outside the general avian breeding season | NA |
| B-12b: Conduct maintenance when arroyo toads are least active | NA |

Sunrise Powerlink Project NTP 4 Compliance Table

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| B-12c: Maintain access roads and clear vegetation in Quino checkerspot butterfly habitat | See B-7i |
| BIO-APM-1: Perform any detailed on-the-ground protocol surveys with regard to specific sensitive plant or wildlife species whose habitat would be impacted. Implement with B-1a, B-1b, B-2a, B-5a, B-7d, B-7e, B-7g, B-7i, B-7j, B-k, B-7l, B-7m, and B-7o | See B-7i and B-7l |
| BIO-APM-2: Train personnel regarding the appropriate work practices necessary to effectively implement the biological APMs. | Safe Worker and Environmental Awareness Program (SWEAP) will be shown to all project personnel and enforced throughout all phases of the Project, and includes appropriate work practices to effectively implement the biological resources and applicant proposed mitigation measures (APMs). |
| BIO-APM-3: Restrict vehicle movement to existing and constructed roads. Implement with B-5a, B-7a, B-8a, B-9a, B-12a, B-12b, and B-12c | During construction. |
| BIO-APM-4: Comply with survey vehicles guidelines on existing roads | During construction. |
| BIO-APM-5: Configure access roads in compliance with hydrological resources guidelines. Implement with B-1a, B-2a, B-5a, and B-8a | NA |
| BIO-APM-6: Comply with all applicable environmental laws and regulations. Implement with B-1a, B-5a, B-8a, and B-12a | During construction and operation of this site, SDG&E will comply with all the necessary environmental laws and regulations, including, without limitation, those regulating and protecting wildlife and its habitat. The SWEAP video was approved by the CPUC on March 4, 2010. This SWEAP will be shown to all project personnel to ensure compliance with all applicable laws and regulations, addressing the protection of wildlife and its habitat. |
| BIO-APM-7: Littering is not allowed. Implement with B-6a, B-8a, and B-12a | SWEAP addresses the fact that no littering is allowed, including food waste, other waste or any type of debris. |
| BIO-APM-8: Delineate sensitive plant population boundaries. Implement with B-5a | 3-16-10 A recognizance survey of the Alpine Yard was conducted no sensitive species were reported. |
| G-CM-33 Prior to construction, plant population boundaries designated as listed or proposed by the Wildlife Agencies and other resources designated as listed or proposed by SDG&E and other resource agencies will be clearly delineated with visible flagging or fencing, which will remain in place for the duration of construction...Where these areas cannot be avoided, focused surveys for covered plant species will be performed. Notification of presence of any covered plant species to be removed in the work area will occur within ten (10) working days prior to construction activity, during which time the Wildlife Agencies may remove such plant(s) or recommend measures to minimize or reduce the impact... | See B-1a |
| BIO-APM-9: Follow brush clearing guidelines. Implement with B-8a and B-12a | During construction. |
| BIO-APM-10: No wildlife, including rattlesnakes, may be harmed except to protect life and limb; Firearms shall be prohibited. Implement with B-12a | SWEAP will be shown to all project personnel, and includes instructions that no wildlife, including rattlesnakes, may be harmed except to protect life and limb. The SWEAP also addresses that firearms are prohibited in all project areas, except for security personnel. |
| BIO-APM-11: Feeding of wildlife is not allowed. Implement with B-12a | SWEAP will be shown to all project personnel, and includes instructions that feeding wildlife is prohibited. |
| BIO-APM-12: Do not bring pets. Implement with B-12a | SWEAP will be shown to all project personnel, and includes instructions that project personnel are not allowed to bring pets to any project area, minimizing harassment or killing of wildlife and prevention of introduction of animal diseases to wildlife populations. |
| BIO-APM-13: Plant or wildlife species may not be collected for pets or any other reason. Implement with B-5a and B-12a | SWEAP will be shown to all project personnel, and includes instructions that prohibit collecting plant or wildlife species for pets or any other reason. |
| BIO-APM-14: Comply with removal of wildlife and transportation guidelines. Implement with B-7a | See B-7a |
| BIO-APM-15: Follow APMs during emergency repairs. Implement with B-1a and B-2a | NA |
| BIO-APM-16: Follow sensitive tree trimming guidelines. Implement with B-1a, B-2a, B-8a, and B-12a | Sensitive tree trimming guidelines will be followed where appropriate. |
| BIO-APM-17: Permanently close any new access roads or spur roads constructed as part of the project that are not required as permanent access. Implement with B-1a | NA |
| BIO-APM-18: Design access roads to minimize impacts to sensitive features. Implement with B-2a and B-5a, B-8a, and B-9a | SDG&E will use existing roads in order to access this yard. Additionally, set up and utilization of the Alpine Regional Field Offices, Yard 18A, does not include installation of any structures. Therefore, this mitigation measure does not apply. |

Sunrise Powerlink Project NTP 4 Compliance Table

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| G-CM-27 To the extent feasible, access roads will be built at right angles to the streambeds and washes. Where it is not feasible for access roads to cross at right angles, SDG&E will limit roads constructed parallel to streambeds or washes to a maximum length of 500 ft at any one transmission line crossing location...Culverts will be installed where needed for right angle crossings, but rock crossings will be utilized across most right angle drainage crossings. All construction activities will be conducted in a manner that will minimize disturbance to vegetation, drainage channels, and stream banks. Up to 30 days prior to construction in streambeds and washes, SDG&E will perform a pre-activity survey(s) to determine the presence or absence of threatened or endangered riparian species. Details of protocol survey requirements are listed in the species-specific measures below. | See BIO-APM-18 above |
| BIO-APM-19: Implement restoration and habitat enhancement and mitigation measures developed during the consultation period with the BLM | See B-1a |
| BIO-APM-20: Leave vegetation in place in construction areas where recontouring is not required. Implement with B-1a | See B-1a |
| BIO-APM-21: Comply with "Suggested Practices for Raptor Protection on Power Lines" (Raptor Research Foundation, Inc., 1981). Implement with B-10a | This location is designated as a construction yard. Additionally, set-up and utilization of the Alpine Regional Field Offices, Yard 18A, does not include installation of any structures. Therefore, this mitigation measure does not apply. |
| BIO-APM-22: Salvage may include removal and stockpiling for replanting. Implement with B-5a | NA |
| BIO-APM-23: Remove only the minimum amount of vegetation necessary for the construction of structures and facilities. Implement with B-1a and B-3a | During Construction |
| BIO-APM-24: Prevent livestock or wildlife from falling through covers. Implement with B-7a | SWEAP will be shown to all project personnel, and includes instructions on covering construction holes overnight to prevent harm to wildlife. |
| BIO-APM-25: Revegetate disturbed soils. Implement with B-1a and B-3a | NA |
| BIO-APM-26: Excavations shall be sloped on one end to provide an escape route for small mammals and reptiles. Implement with B-7a | SWEAP will be shown to all project personnel, and includes instructions on covering construction holes overnight to prevent harm to wildlife. |
| BIO-APM-27: Remove all existing raptor nests from structures that would be affected by Project construction. Implement with B-8a | Per the request: No raptor nests will be removed from structures for the Alpine Regional Field Offices, Yard 18A. This mitigation measure does not apply. |
| BIO-APM-28: Remove potential roost trees | Immediately prior to tree removal a biologist will survey for roosting bats. |
| BIO-APM-29: Reduce construction night lighting on sensitive habitats. Implement with B-7a and B-9a | Surveys for nesting birds shall be conducted 10-days prior to construction and reported to the CPUC. |
| Visual Resources | |
| V-1a: Reduce visibility of construction activities and equipment | The construction yard will be appropriately fenced to reduce visibility from the nearby roads and Interstate-8. Several native trees will be planted at the Southwest corner of the property within the fenced boundary in order to reduce visibility of construction activities and equipment. |
| V-1b: Reduce construction night lighting impacts | A Construction Lighting Plan was provided with the request. Fixtures for lighting at the Alpine Regional Field Offices shall be installed in conjunction with the overhead electrical utility system. Site parking and security lighting will comply with County Light Pollution Code, Ordinance #9716. In an effort to improve energy efficiency and reduce night time lighting, approximately 50% of lighting circuits will remain on for critical safety and security from 11:00PM to sunrise. |
| V-2a: Reduce in-line views of land scars | Access to this yard will be made via existing roads. No new access roads or spur roads will be constructed for use of the Alpine Regional Field Offices, Yard 18A. |
| V-2b: Reduce visual contrast from unnatural vegetation lines | Use of this yard will not require grading except for widening of existing access road, visual contrast will not be created and need to be reduced. |
| V-2c: Reduce color contrast of land scars on non-Forest lands | Use of this yard will not require grading of undisturbed land except for widening of existing access road. Color contrast will not be created nor need to be reduced. |
| V-2d: Construction by helicopter | Construction by helicopter will not occur at this site, nor will long-term land scarring. |
| V-2f: Reduce land scarring and vegetation clearance impacts on USFS-administered lands | NA |
| V-3a: Reduce visual contrast of towers and conductors | NA |
| V-7a: Reduce visual contrast associated with ancillary facilities | Field offices at this location are temporary and are not considered ancillary facilities. |
| V-7b: Screen ancillary facilities | Field offices at this location are temporary and are not considered ancillary facilities. |
| V-21a: Reduce night lighting impacts | Reduce night lighting impacts. This mitigation measure applies to permanent lighting on ancillary facilities. |
| V-45a Prepare and implement Scenery Conservation Plan | NA |

Sunrise Powerlink Project NTP 4 Compliance Table

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| V-66a: Reduce structural prominence and visual contrast associated with the Interstate 8/Chocolate Canyon transition structures | NA |
| V-68a: Eliminate sky lining of ridgeline towers and conductors | NA |
| VR-APM-1: Place structures at the maximum feasible distance from highway, canyon, and trail crossings. | NA |
| VR-APM-2: Use dulled metal finish on transmission structures and non-specular conductors in visually sensitive areas. Implement with V-3b | NA |
| VR-APM-3: Match the spacing of structures where the line parallels existing transmission lines | NA |
| VR-APM-4: No paint or permanent discoloring agents will be applied to rocks or vegetation to indicate survey or construction activity limits. Implement with V-1c | SWEAP will be shown to all project personnel, and includes instructions prohibiting application of paint or permanent discoloring agents on rocks or vegetation to indicate survey or construction limits. |
| VR-APM-5: Transmission line structures will not be installed directly in front of residences or in direct line-of-sight from a residence. Implement with V-3c | NA |
| VR-APM-6: In scenic view areas place structures to avoid sensitive features and/or allow conductor to clearly span the features. (Need SDG&E input) | NA |
| Land Use | |
| L-1a: Prepare Construction Notification Plan | A Construction Notification Plan was submitted to the CPUC and approved 3-1-10. |
| L-1c: Coordinate with MCAS Miramar | NA |
| L-2b: Revise project elements to minimize land use conflicts | NA |
| LU-APM-1: Provide advance notice to residents, property owners, and tenants within 300 feet of construction activities and SDG&E will appoint a public affairs officer to address public concerns or questions. Implement with L-1d | A Construction Notification Plan was approved 2-26-10. The NTP is conditioned for submittal of verification of noticing. |
| LU-APM-2: Place new transmission structures more than 330 feet from an existing residence. Implement with L-1d | NA |
| LU-APM-4: Notify property owners and tenants in advance of construction activities. Provide alternative access if feasible. Implement with L-1e | The NTP is conditioned for submittal of verification of noticing. |
| LU-APM-5: Coordinate construction activities with appropriate water management representatives. (Need SDG&E input). Implement with L-1a | No irrigation canals or flood management structures exist near the Alpine Regional Field Offices, Yard 18A. This mitigation measure does not apply. |
| LU-APM-6: Flag ROW boundary and limits of construction activity inside and outside the ROW in environmentally sensitive areas to alert construction personnel that those areas should be minimize or avoided. Implement with L-1f | Flagging will be conducted prior to construction. |
| LU-APM-7: Install project facilities along the edges or borders of private property, open space parks, and recreation areas | NA |
| LU-APM-8: Continue coordination efforts with the Counties of Imperial and San Diego General Plan Updates and the City of San Diego General Plan Updates to include the Proposed Project in their respective General Plans. | NA |
| LU-APM-9: Obtain all necessary and/or appropriate ministerial land use permits | SDG&E submitted a construction package to the County of San Diego on January 15, 2010, beginning the process to acquire the appropriate ministerial permits for use of this yard. The NTP is conditioned for submittal of all appropriate ministerial permits for use of the yard. |
| LU-APM-10: Match structure locations with existing transmission facilities. (Need SDG&E input) | NA |
| Wilderness and Recreation | |
| WR-1a: Coordinate construction schedule and activities with the authorized officer for the recreation area | NA: The Alpine Yard area does not cross through any recreational areas, nor will construction activities in this area result in impacts to nearby areas. |
| WR-1b: Provide temporary detours for trail users | NA |
| WR-1c: Coordinate with local agencies to identify alternative recreation areas | NA |
| WR-2a: Develop a reroute for the BCD Alternative Revision to reduce effects on recreation | NA |
| WR-2b: Evaluate and Implement PCT Route Revision | NA |
| WR-3a: Coordinate tower and road locations with the authorized officer for the recreation area. | NA |
| R-APM-2a: Provide advance notice of restriction of conflicts with access routes to recreational use areas. Implement with WR-1a | NA |

Sunrise Powerlink Project NTP 4 Compliance Table

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| R-APM-2b: No construction that affects trail use will be conducted in that area on federal holidays. Implement with WR-1a | NA |
| R-APM-2c: Coordinate all construction activities, including temporary trail closures, affecting the parklands and trail systems of San Diego and Imperial Counties with the counties' Parks and Recreation Department. Implement with WR-1a | NA |
| R-APM-2d: Post signs directing vehicles to alternative park access and parking in the event construction temporarily obstructs parking areas near trailheads. Implement with WR-1a | NA |
| R-APM-2e: Post signs advising recreation users of construction activities and directing them to alternative trails or bikeways on both sides of all trail intersections. Implement with WR-1a | NA |
| R-APM-2f: Post signs advising equestrians of construction timeframes where helicopters are used for construction, at all equestrian trail-access points within the vicinity of the flight paths. Implement with WR-1a | NA |
| R-APM-3a: Construction-related traffic shall be restricted to routes approved by the authorized agencies | NA |
| Agriculture | |
| AG-1a: Avoid interference with agricultural operations | The Alpine Yard is not currently used or zoned for agricultural purposes. The proposed activity within the Alpine Regional Field Offices, Yard 18A, will not interfere with any agricultural operations. Therefore, no Agricultural Resources mitigation measures apply to this NTP request. |
| AG-1b: Restore compacted soil | NA |
| AG-1c: Coordinate with grazing operators | NA |
| AG-3b: Consult with and inform aerial applicators | NA |
| LU-APM-3: Compensate farmers for losses of crops along ROW. Implement with L-1d | NA |
| Cultural Resources | |
| C-1a: Inventory and evaluate cultural resources in Final Area of Potential Effect (APE) | An archival, site record search and field survey of the project area completed by a qualified archaeologist did not reveal any eligible cultural resources within or adjacent to the project area. |
| C-1b: Avoid and protect potentially significant resources | See C-1a |
| C-1c: Develop and implement Historic Properties Treatment Plan | All earth-disturbing activities (e.g., grading, trenching, etc.) within Alpine Yard 18a shall be monitored by a professional archaeologist and a Native American consultant; and in the event of an archaeological discovery, all construction activity in the vicinity of the find shall be redirected or halted. In consultation with the BLM and the CPUC, SDG&E shall develop a plan to assess the find and mitigate impacts/effects to the resource. |
| C-1d: Conduct data recovery to reduce adverse effects | See details in C-1c. |
| C-1e: Monitor construction at known ESAs | See details in C-1c. |
| C-1f: Train construction personnel | The Final SWEAP DVD was approved 3-4-10. The SWEAP will be shown to all project personnel, and includes instructions on recognition and protection of cultural resources. |
| C-1g Avoid and protect Old Highway 80 (P-37-024023) | NA |
| C-2a: Properly treat human remains | See details in C-1c. |
| C-3a: Monitor construction in areas of high sensitivity for buried resources | See details in C-1c. |
| C-4a: Complete consultation with Native American and other Traditional Groups | NA |
| C-5a: Protect and monitor NRHP- and/or CRHR-eligible properties | NA |
| C-6a: Reduce adverse visual intrusions to historic built environment properties | NA |
| C-6e: Reduce adverse visual intrusions to portions of Old Highway 80 | NA |
| C-6f: Reduce adverse visual intrusions to the Desert View Tower view shed | NA |
| CR-APM-1: Instruct construction personnel on the protection and avoidance of cultural resources. Implement with PAL-1e | SWEAP will be shown to all project personnel, and includes instructions on recognition and protection of cultural resources. |
| CR-APM-2: Flag archeological sites that are eligible or potentially eligible for the National Register | See details in C-1b. No sites identified. |
| CR-APM-3: Report any previously unidentified cultural resource (historic or prehistoric site or object) discovered | SWEAP will be shown to all project personnel, and includes instructions on what to do in case a cultural resource is discovered during construction activities, including set-up and utilization of the Alpine Regional Field Offices, Yard 18A. |
| CR-APM-4: Conduct maintenance, repair, stabilization, rehabilitation, restoration, preservation, conservation, and reconstruction of a historical resource consistent with the Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines | See details in C-1c. |

Sunrise Powerlink Project NTP 4 Compliance Table

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| CR-APM-5: Follow the guidance described for: Preservation in-place for mitigating impacts to archaeological sites, and preparation of data recovery plans | See details in C-1c. |
| CR-APM-6: Avoid, fence, or barricade historic properties, contributing portions and sensitive features for protection | See details in C-1c. |
| CR-APM-7: Control erosion, sedimentation, or indirect displacement. Implement with C-2a, C-3a, C-4a, and C-5a | See details in C-1c. |
| CR-APM-8: Avoid and protect elements of the landscape that are essential to the historic setting of the property | See details in C-1c. |
| CR-APM-9: Install permanent fencing or barriers; or control/restrict access to the historic property | See details in C-1c. |
| CR-APM-10: Locate project structures so that conductors span linear historic properties; underground placement of pipelines and conductors will be bored under linear properties to avoid disturbance or intrusion | See details in C-1c. |
| CR-APM-11: Implement standard practices for cultural and paleontological resources on private lands | See details in C-1c. |
| CR-APM-12: Conduct cultural surveys for staging areas that have not yet been identified | Field surveys will be conducted on any additional areas not currently identified prior to construction. |
| Paleontological Resources | |
| PAL-1a: Inventory and evaluate paleontological resources in Final APE | Paleontological record search information indicates that the underlying granite rock has no potential for paleontological resources. |
| PAL-1b: Develop Paleontological Monitoring and Treatment Plan | In the event that a paleontological discovery is made during site development, all earthwork must cease in the area of discovery until a recovery plan is prepared, reviewed, and approved by CPUC. |
| PAL-1c: Monitor construction for paleontology | NA |
| PAL-1d: Conduct paleontological data recovery | NA |
| PAL-1e: Train construction personnel | SWEAP will be shown to all project personnel, and includes instructions on recognition of possible subsurface paleontological resources. |
| GEO-APM-9: Implement appropriate mitigation efforts if paleontological resources are encountered. Implement with PAL-1d | The paleontological resources and protection. record search information indicates that the underlying granite rock has zero potential for paleontological resources. |
| Noise | |
| N-1a: Implement Best Management Practices for construction noise | SDG&E will implement Best Management Practices for construction noise. Construction activities will occur during daytime, weekday hours as designated by local ordinances. SDG&E will apply for and obtain a variance for construction activities that must occur outside of the daytime hours allowed by local ordinances. SDG&E will apply for and obtain a variance for construction activities that must occur within 200 feet of noise-sensitive receptors, forty-five days prior to construction. |
| N-2a: Avoid blasting where damage to structures could occur (SDG&E to define blasting) | NA |
| N-3a: Respond to complaints of corona noise | NA |
| NOI-APM-1: Provide notice by mail to all sensitive receptors and residences within 300 feet of construction sites, staging areas, and access roads; and establish a toll free telephone number for receiving questions/complaints. Implement with L-1a | SDG&E will provide notification by mail to all sensitive receptors and residences within 300 feet of the Alpine Regional Field Offices, Yard 18A. SDG&E has identified a public liaison. SDG&E has established a toll free telephone hotline for the Sunrise Powerlink Project. Verification of construction notifications made as required by this mitigation measure will be submitted to the CPUC and BLM prior to use/occupation. |
| Transportation and Traffic | |
| T-1a: Restrict lane closures | A Traffic Analysis dated 2-22-10 for the yard and surrounding area was submitted and approved by the CPUC. As provided no lane closures will be necessary. |
| T-4a: Ensure pedestrian and bicycle circulation and safety. | Closure or restriction of pedestrian and bicycle circulation, including sidewalks or pedestrian facilities, will not occur as part of the construction of the Alpine Regional Field Offices, Yard 18A. |
| T-5a: Repair roadways damaged by construction activities | Will occur during construction. |
| T-7a: Notify public of potential short-term elimination of parking spaces | Parking spaces will not be eliminated or relocated as part of the Alpine Regional Field Offices, Yard 18A. |

Sunrise Powerlink Project NTP 4 Compliance Table

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| T-9a: Prepare Construction Transportation Management Plan | A Traffic Analysis dated 2-22-10 for the yard and surrounding area was submitted and approved by the CPUC. As provided no lane closures will be necessary. The Traffic impacts will comply with requirements of San Diego County. Site ingress/egress and general access is at the entrance to the site at Tavern Road. Street traffic is currently limited to access for the industrial businesses also on Tavern Road. During utilization of the Alpine Regional Field Offices, Yard 18A, SDG&E anticipates traffic to be limited to administrative vehicle traffic. SDG&E contractor will apply for a Traffic Control Permit from San Diego County which will be submitted to CPUC upon receipt. |
| T-11b: Consult with and inform U.S. Customs and Border Patrol | The Alpine Regional Field Offices, Yard 18A will not include transmission lines and towers. |
| T-APM-2a: Obtain required permits for temporary lane closures | As provided by SDG&E no lane closures are anticipated. SDG&E will obtain required permits for any temporary lane closures from the County of San Diego or other jurisdictions as necessary. These will be submitted to the CPUC. |
| T-APM-2b: Submit detour plans. Implement with T-1b | See T-1a |
| T-APM-4a: Coordinate in advance with emergency service providers to avoid restricting movements of emergency vehicles. | As provided by SDG&E no lane closures are anticipated. SDG&E will obtain required permits for any temporary lane closures from the County of San Diego or other jurisdictions as necessary. These will be submitted to the CPUC. If temporary lane closures are needed, advance coordination with emergency service providers will occur and documentation submitted to the CPUC. |
| T-APM-5a: Consult with County Education Offices, School Districts to coordinate construction activities adjacent to school bus stops | This construction yard is not adjacent to a school bus stop and therefore this mitigation measure does not apply. |
| T-APM-6a: Comply with county parking ordinances or approved traffic control plan | See T-1a |
| T-APM-6b: Prohibit parking on San Diego County-maintained roads and highways unless otherwise noted at specific locations; comply with the County of San Diego Department of Public Works Traffic Guidelines, 2001 whenever possible, or an approved traffic control plan | See T-1a |
| T-APM-8a: Obtain required permits for entering railroad ROW | NA |
| T-APM-9a: Underground all new or relocated utility facilities within 1,000 feet of an Officially Designated Scenic Highway. (Need SDG&E input) | NA |
| T-APM-10a: Provide the ability to quickly lay a temporary steel plate trench bridge upon request in order to ensure access to properties when not actively constructing the underground cable alignment | NA |
| Public Health and Safety | |
| P-1a: Implement Environmental Monitoring Program | An Environmental Monitoring Program will be implemented during construction which will include implementation of the applicable environmental plans (as defined in HS-APM-1, HS-APM-2, HS-APM-3, HS-APM-8 and HS-APM-10. SDG&E has designated an Environmental Field Representative for the Alpine Regional Field Offices, Yard 18A. The Representative will be on site to observe and document adherence to the applicable environmental plans. Prior to construction all referenced plans will be finalized (CPUC approved) . |
| P-1b: Maintain emergency spill supplies and equipment | Maintain emergency spill supplies and equipment. Hazardous material spill kits will be maintained onsite for response to small spills. The SWEAP will be shown to all project personnel, and includes instructions on emergency spill response, including emergency spill supplies and equipment. Detailed information for responding to accidental spills will be provided in Emergency Response information included in the site Storm Water Pollution Prevention Plan (submitted and approved) and other applicable environmental plans such as a Hazardous Materials Business Plan. |
| P-2a: Test for residual pesticides/herbicides on currently or historically farmed land | NA |
| P-3a: Appoint individuals with correct training for sampling, data review, and regulatory coordination | During construction. |
| P-3b: Documentation of compliance with measures for encountering unknown contamination | During construction. |
| P-7a: Evaluate contaminated sites | The evaluation of contaminated sites has been completed as part of the Supplemental Phase I ESA investigations for this property on December 23, 2009. During field reconnaissance no indications of adverse environmental conditions were identified. |

Sunrise Powerlink Project NTP 4 Compliance Table

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| HS-APM-1: Train personnel involved in using hazardous materials. Develop a Hazardous Communication Plan. Implement with P-1a | SWEAP will be shown to all project personnel, and includes directions on the proper use and safety procedures for the chemical. Personnel will be provided with the proper Personal Protective Equipment (PPE). An emergency generator is planned for installation at the Alpine Regional Field Offices, Yard 18A. The installation date is not known at this time. Before installation of the emergency generator, HazCom information will be provided to employees, including Material Safety Data Sheets . |
| HS-APM-2: Train personnel in refueling vehicles. Implement with P-1a | See P-1a, SWEAP will be shown to all project personnel |
| HS-APM-3: Develop applicable environmental safety plans associated with hazardous materials. Implement with P-1a | An emergency back-up generator is planned for installation at the Alpine Regional Field Offices, Yard 18A. The installation date is not known at this time. Before installation of the emergency generator, all applicable environmental and safety plans will be developed such as a Hazardous Materials Business Plan with Spill Response information. |
| HS-APM-4: Develop a site specific blasting plan of tower footing | NA |
| HS-APM-5: Investigate all Government Code §65962.5 sites or other known contamination sites along the transmission line ROW. | The evaluation of contaminated sites has been completed as part of the Supplemental Phase I ESA investigations for this property on December 23, 2009. During field reconnaissance no indications of adverse environmental conditions were identified. |
| HS-APM-6: Investigate any known or potential areas for Unexploded Ordinance (UXO) used by the military along the ROW | The Phase I ESA of this property and all site documentation did not reveal this area as previously used by the military. The property is not adjacent or near areas used by the military. This mitigation measure does not apply. |
| HS-APM-7: Train personnel involved in excavation and grading or for ROW clearing to recognized UXO and/or potential soil, surface water, and groundwater potential contamination sites | All personnel involved in excavation shall be trained to recognize UXO. While the SWEAP video was submitted to the CPUC on November 9, 2009 and includes recognition of unexploded ordinances, the Phase I ESA of this property and all site documentation did not reveal this area as previously used by the military. The property is not adjacent or near areas used by the military. This mitigation measure does not apply. |
| HS-APM-8: Assign an Environmental Field Representative and/or General Contractor for Health & Safety. Implement with P-1a | SDG&E has assigned an Environmental Field Representative for construction set-up, utilization, and demobilization of this construction yard. |
| HS-APM-9: Contact airport representative and/or Federal Aviation Administration Authorities regarding work within all existing and proposed transmission line corridors within 2 miles of an airport. | No airport exists within 2 miles of this construction yard and therefore this mitigation measure does not apply. |
| HS-APM-10: Store and dispose of hazardous waste and solid waste in accordance with federal, State, and local regulations. Implement with P-1a | All hazardous waste and solid waste will be stored and disposed of in accordance with Federal, State and local regulations. SDG&E requirements for waste disposal will meet or exceed State requirements for waste disposal facilities. Hazardous material minimization shall be employed whenever feasible. |
| HS-APM-11: Develop Fire Prevention and Response Plan (FPRP). Assign a project Fire Marshal to enforce all provisions of the FPRP | An approved project specific Fire Plan for Construction, Operations and Maintenance has been developed and signed by the CAL Fire Chief. A Fire Marshall has been hired for the project and is assigned to enforce the Fire Plan. |
| HS-APM-12: Develop a Traffic Control Plan | A Traffic Analysis dated 2-22-10 was submitted which addressed roadway crossings used by the Project. See T-9a. |
| HS-APM-14: Construction workers shall undergo environmental training regarding potential exposure | SWEAP will be shown to all project personnel, and includes procedures regarding potential exposure of hazardous materials in accordance with Federal, State, and local authorities. |
| HS-APM-15: Stop work and notify Health and Safety Officer if during excavation soil or groundwater contamination is suspected | If, during excavation (trenching for utility installation) soil or groundwater contamination is suspected, the contractor will be directed to stop work and notify the Environmental Field Representative or a Field Safety Advisor. |
| HS-APM-16: Terminate and cordoned off work if soil or groundwater contamination is suspected | If, during excavation (trenching for utility installation) soil or groundwater contamination is suspected, work near the immediate excavation will be terminated and appropriate health and safety procedures implemented. |
| HS-APM-17: Notify regulatory agency if the sample testing determines that contamination is found above regulatory limits | Per the Supplemental Phase I ESA conducted on December 23, 2009, this mitigation measure would not apply until such time excavation revealed suspected contamination. |
| PS-1a: Limit the conductor surface electric gradient | No overhead construction will be performed here and therefore this mitigation measure does not apply. |
| PS-1b: Document and resolve electronic interference complaints | NA |
| PS-2a: Implement grounding measures | This work will be for the set-up and utilization of a construction yard. No transmission construction will be performed here and therefore this mitigation measure does not apply. |
| Air Quality | |

Sunrise Powerlink Project NTP 4 Compliance Table

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| AQ-1a: Suppress dust at all work or staging areas and on public roads | A Fugitive Dust Control Plan was submitted to CPUC on Sept. 25, 2009, which addresses mitigation measures AQ-1a, AQ-APM-1, AQ-APM-2, and AQ-APM-3. This plan addresses specific measures that will be required to control dust generated. |
| AQ-1b: Use low-emission construction equipment | Contractor will use Tier 3 equipment when available at Alpine Yard, minimizing the use of Tier 2 equipment. SDG&E has based its air mitigation requirements based on a minimum of 60% usage of Tier 3 equipment. Any portable equipment over 50 hp will be permitted with the local Air Pollution Control District or the California Air Resources Control Board. Equipment run logs will be maintained on a daily basis to satisfy mitigation measures. |
| AQ-1h: Obtain NOx and particulate matter emission offsets | Under (Mitigation Measure) AQ-1h, the CPUC has approved the SDG&E Monitoring and Mitigation Programs [Sunrise Powerlink Transmission Project, Construction Emissions Monitoring Plan (CEMP)] to reduce NOx and PM10 impacts from Project construction. The reductions of NOx and PM10 under these Programs should be (would be) sufficient in themselves to satisfy the requirement for mitigation under (Mitigation Measure) AQ-1h. In addition, SDG&E is coordinating with the San Diego Air Pollution Control District (SDCAPCD) and the Imperial County Air Pollution Control District (ICAPCD) on mitigation fund award payments to further reduce NOx and PM10 impacts from construction through agency-directed projects. The SDAPCD is in the process of identifying the best programs for utilization of this funding. Once they have identified the potential projects the SDAPCD is planning to take the MOU to their Board of Directors in June or July 2010. (The MOU must be approved prior to the start of construction.) |
| AQ-4a: Offset construction-phase greenhouse gas emissions with carbon credits | SDG &E will offset Construction-Phase Greenhouse Gas Emissions with Carbon Credits as per documentation submitted to the CPUC Aug. 27, 2009. A March 10, 2010 e-mail from CantorCO2e provided evidence that the off-set purchase transaction was completed. |
| AQ-4b: Offset operation-phase greenhouse gas emissions with carbon credits | NA |
| AQ-4c: Avoid sulfur hexafluoride emissions | Avoidance of Sulfur hexafluoride emissions does not apply to this site. Sulfur hexafluoride is only used in equipment that is installed in substations. Since this site is not a substation this mitigation measure does not apply. |
| AQ-APM-1: Comply with ICAPCD Rule 800 (Fugitive Dust Requirement for Control of Fine Particulate Matter [PM10]). File a Dust Control Plan with the ICAPCD | A Fugitive Dust Control Plan was submitted to CPUC and Imperial County Air Pollution Control District on November 25, 2009, which addresses mitigation measures AQ-1a, AQ-APM-1, AQ-APM-2, and AQ-APM-3. This plan addresses specific measures that will be required to control dust generated. |
| AQ-APM-2: Control fugitive dust | A Fugitive Dust Control Plan was submitted to CPUC on November 25, 2009, which addresses prohibition of grading during high wind gusts exceeding 25 mph, maintain 2 feet of free board on soil transportation, snow fence-type windbreaks, maximum vehicle speeds of 15 mph on unpaved roads, watering of unpaved road, soil stabilizers, and minimizing fugitive dust from soil stockpiles. This plan addresses specific measures that will be required to control dust generated. |
| AQ-APM-3: Minimize mud and dust from being transported onto paved roadway surfaces, pave, and gravel | A Fugitive Dust Control Plan was submitted to CPUC on Sept. 14, 2009, which addresses minimization of dust or mud transportation by use of chemical stabilizers or rattle plates. This is also addressed in the SWEAP. |
| AQ-APM-4: Carpool to the job site | SWEAP will be shown to all project personnel, and includes promoting carpooling to the job site. |
| AQ-APM-5: Minimize unnecessary construction vehicle and idling time | SWEAP will be shown to all project personnel, and includes minimization of vehicle idling time. |
| Hydrology and Water Resources | |
| H-1a: Prepare Substation Grading and Drainage Plan; construct during the dry season | NA: Per the request there are no streams, wetlands, riparian habitats, rivers, wells, springs, or drainages located within or adjacent to the Alpine Regional Field Offices, Yard 18A. |
| H-1a (CC): Construct during the dry season | NA |
| H-1b: Construction in Los Peñasquitos Canyon Preserve to be in the dry season; SWPPP to be reviewed and approved by San Diego County and City of San Diego | NA |
| H-1k: Comply with Forest Service conditions | NA |
| H-1l: Construction on Forest Service land to be subject to an approved, site-specific SWPPP and Sediment-Control Plan | NA |
| H-2d: Maintain vehicles and equipment | Will occur during construction. |

Sunrise Powerlink Project NTP 4 Compliance Table

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| H-4b: Avoid blasting where damage to groundwater wells or springs could occur | NA: Per the request construction set-up and utilization of this yard will not require blasting work therefore this mitigation measure does not apply. |
| H-5a: Install substation runoff control | NA |
| H-6a: Scour protection to include avoidance of bank erosion and effects to adjacent property | NA: Per the request there are no streams, wetlands, riparian habitats, rivers, wells, springs, or drainages located within or adjacent to the Alpine Regional Field Offices, Yard 18A. |
| H-7a: Develop Hazardous Substance Control and Emergency Response Plan for project operation | SDG&E has developed a site specific construction SWPPP which includes emergency response information. The SWPPP and WDID# was submitted 3-18-10. An emergency back-up generator is planned for installation at the Alpine Regional Field Offices, Yard 18A. The installation date is not known at this time. Before installation of the emergency generator, all applicable environmental and safety plans will be developed such as a Hazardous Materials Business Plan with Spill Response information |
| H-8a: Bury power line below 100-year scour depth | NA |
| WQ-APM-1: Minimize disturbance to riparian/wetland vegetation, drainage channels, and intermittent and perennial stream banks | NA: Per the request there are no streams, wetlands, riparian habitats, rivers, wells, springs, or drainages located within or adjacent to the Alpine Regional Field Offices, Yard 18A. |
| WQ-APM-2: Place structures so as to avoid sensitive features such as watercourses, or to allow conductors to clearly span the features, within limits of safety and standard structure design | No tower construction is proposed as part of this NTP request and therefore this mitigation measure does not apply. |
| WQ-APM-3: Clearly mark where construction equipment and vehicles are not allowed on-site; and train personnel | During construction. |
| WQ-APM-4: Maintain adequate distance from stream banks and beds; use existing bridges to cross major streams and culverts in most dry intermittent streams; Span surface water, riparian areas and floodplains; prepare and implement a Storm Water Pollution Prevention Plan (SWPPP) | SDG&E has developed a site specific construction SWPPP which includes emergency response information. The SWPPP and WDID# was submitted 3-18-10. |
| WQ-APM-5: Construct any stream crossings at low flow periods; and if necessary, develop a site-specific mitigation and restoration plan | Per the request: No construction will occur through stream crossings as part of construction set-up and utilization of this yard and therefore this mitigation measure does not apply. |
| WQ-APM-6: Avoid designated surface water protection areas | SDG&E will not impact water supply wells or surface waters by construction set-up and utilization of this yard and therefore this mitigation measure does not apply. |
| WQ-APM-8: Obtain and comply with required permits for any groundwater discharged to surface waters or storm drains | Per the request groundwater will not be removed and discharged to surface water or storm drains. If dewatering is necessary, it will be contained and be disposed of properly. The appropriate permits shall be acquired and submitted to the CPUC. |
| WQ-APM-9: Prohibit storage of fuels and hazardous materials within 200 feet of groundwater supply wells and within 400 feet of community or municipal wells | There is no known groundwater supply well on the Alpine Regional Field Offices, Yard 18A site and the property is not within 400 feet of community or municipal wells. |
| WQ-APM-10: At locations where the project would cross below or pass adjacent to streams with erodible bed or banks, comply with burial depth requirements. Implement with H-6a | NA |
| WQ-APM-11: Test groundwater levels along underground portion of the project drilling pilot borings | NA |
| WQ-APM-13: Do not disposed of hazardous materials onto the ground, the underlying groundwater, or any surface water | SWEAP will be shown to all project personnel, and includes instructions on proper disposal of hazardous materials. |
| WQ-APM-14: Secure required General Permit for Storm Water Discharges Associated with Construction Activity (NPDES permit) authorization | The SWPPP and WDID# was submitted 3-18-10. |
| WQ-APM-15: Construct access roads to avoid streambeds | Access to this site will be done on existing roads. No access roads will be constructed nor will they disturb sensitive features. |
| WQ-APM-16: Conduct site-specific assessments for each affected site | No sensitive water resources exist within or adjacent to the construction limits. |
| Geology, Minerals, and Soils | |
| G-2a: Protect desert pavement | The Alpine Regional Field Offices, Yard 18A, will not include installation of transmission structures and therefore does not require geotechnical studies for soil, groundshaking, or other ground disturbances. None of the Geology, Mineral Resources and Soils mitigation measures apply to the NTP request. |
| G-3a: Conduct geotechnical studies for soils to assess characteristics and aid in appropriate foundation design | NA |
| G-4a: Reduce effects of groundshaking | NA |
| G-4b: Conduct geotechnical investigations for liquefaction | NA |
| G-5a: Minimize project structures within active fault zones | NA |
| G-6a: Conduct geotechnical surveys for landslides and protect against slope instability | NA |
| G-9a: Coordinate with quarry operations | NA |

Sunrise Powerlink Project NTP 4 Compliance Table

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| GEO-APM-1: No widening or upgrading of existing access roads will be undertaken where soils are very sensitive to disturbance, except repairs, widening or upgrades necessary to make roads passable | NA |
| GEO-APM-2: Comply with soil disturbance guidelines | NA |
| GEO-APM-3: Avoid placing structures in areas of high shrink/swell potential | NA |
| GEO-APM-4: Place structures in geologically stable areas, avoiding fault lines, brittle surface rock and bedrock | NA |
| GEO-APM-5: Avoid or minimize new disturbance, erosion on manufactured slopes, and off-site degradation from accelerated sedimentation | NA |
| GEO-APM-6: Conduct surface restoration for erosion control and re-vegetation | NA |
| GEO-APM-8: Remove or stabilize boulders uphill of structures that pose potentially high risk of landslide damage; and position structures to span over potential landslide areas | NA |
| Socioeconomics | |
| S-2a: Notify public of utility service interruption | No utility interruptions will occur as part of the set-up and utilization of the Alpine Regional Field Offices, Yard 18A. |
| S-2b: Protect underground utilities | No underground transmission construction work will be conducted for set-up and utilization of the Alpine Regional Field Offices, Yard 18A; therefore this mitigation measure does not apply. |
| S-3a: Recycle construction waste | SDG&E and/or its construction contractor shall recycle a minimum of 90% of inerts and 70% of all other materials generated during construction activities. Documentation from the recycling and/or landfill facilities used for construction waste will be provided. |
| S-3b: Use reclaimed water | A minimal amount of water for construction activities, such as dust control, is planned for the Alpine Regional Field Offices, Yard 18A for set-up of office trailers, lighting and utilities. On April 26, 2010 a Water Resources Evaluation Report was submitted to the CPUC for review. |
| PSU-APM-1: Coordinate with all utility providers with facilities located within or adjacent to ensure that design does not conflict with other facilities | SDG&E will coordinate with all utility providers with facilities located within or adjacent to the Proposed Project to ensure that design does not conflict with other facilities. Underground Service Alert will be notified at least 48 hours in advance to identify any buried utility lines and conflicts with other facilities will be avoided. |
| PSU-APM-2: Notify Underground Service Alert a minimum of 48 hours in advance of earth-disturbing activities in order to identify any buried utility lines | Underground Service Alert will be notified at least 48 hours in advance to identify any buried utility lines and conflicts with other facilities will be avoided. |
| PSU-APM-3: Coordinate construction schedules, lane closures, and other activities with installation of the project with emergency and police services to ensure that disruption to response times and access is minimized | See T-1a. Construction schedules and activities (or lane closures) are not anticipated to disrupt emergency and police service response times during set-up and utilization of the Alpine Regional Field Offices, Yard 18A. (If lane closures do need to occur documentation of prior coordination with emergency service providers shall be submitted to the CPUC.) |
| Fire and Fuels Management | |
| F-1a: Develop and implement a Construction Fire Prevention Plan | A Fire Plan, acknowledged by the CAL Fire Chief, was submitted to the CPUC on December 14, 2009. |
| F-1b: Amend and implement Sempra Utilities Wildland Fire Prevention and Fire Safety Guide (2007) | NA |
| F-1c: Ensure coordination for emergency fire suppression | See F-1a |
| F-1d: Remove hazards from the work area | See F-1a |
| F-1e: Contribute to defensible space grants fund | NA |
| F-2a: Establish and maintain adequate line clearances | See F-1a |
| F-2b: Install existing conductors on steel poles | See F-1a |
| F-2c: Perform climbing inspections | NA |
| F-3a: Contribute to Powerline Firefighting Mitigation Fund | NA |
| F-3b: Prepare and implement a Multi-agency Fire Prevention MOU | NA |