

Don Houston
Major Projects Environmental Manager
San Diego Gas & Electric Company
1010 Tavern Road
Alpine, CA 91901
(T) XXX-XXX-XXXX
(F) XXX-XXXX

March 9, 2015

Jensen Uchida Project Manager California Public Utilities Commission (CPUC) 505 Van Ness Avenue, 4<sup>th</sup> Floor San Francisco, CA 94102

Re: Notice to Proceed (NTP) Request #2: Conduct all activities necessary for construction of the Bay Boulevard Substation component of the South Bay Substation Relocation Project (Project)

Dear Mr. Uchida:

On October 17, 2013, the CPUC granted San Diego Gas & Electric Company (SDG&E) a Permit to Construct the South Bay Substation Relocation Project (Decision D13-10-025). The decision conditionally authorizes construction of the Project with the implementation of the applicant-proposed measures (APMs) and mitigation measures (MMs) identified in the Mitigation Monitoring, Compliance, and Reporting Plan (MMCRP). A Notice of Determination was submitted to the State Clearinghouse on September 5, 2013, indicating the CPUC's approval of the Project.

SDG&E submitted a Petition for Modification (PFM) on July 31, 2014 to allow for Project design changes associated with Special Condition #14 of the Project's Coastal Development Permit, and amended the PFM on October 15, 2014 to allow for an increased construction water usage, use of reclaimed water, and Project design changes. An Addendum to the Project's Final Environmental Impact Report was completed in December 2014. On January 15, 2015, the CPUC approved the Addendum through Decision 15-01-006.

## **Purpose**

On November 14, 2014, the CPUC authorized NTP #1 to conduct potholing and limited construction, including grubbing, rough-grading, and trailer set-up, associated with the Bay Boulevard Substation. Potholing activities commenced on January 5, 2015. At this time, SDG&E is formally requesting authorization from the CPUC to conduct all activities necessary for construction of the Bay Boulevard Substation. The Bay Boulevard Substation, which will contain 69 kilovolt (kV) and 230 kV facilities, will service the surrounding area following its construction and that of the transmission line interconnections. Construction activities associated with this NTP request include, but are not limited to the following:

- site preparation and mass grading of the Bay Boulevard Substation site;
- construction of substation structures and internal access roads within the Bay Boulevard Substation site;
- installation of underground and aboveground transmission components of the Bay Boulevard Substation:
- construction of a main access driveway from Bay Boulevard, including construction of the underlying substructures in which 12 kV underground distribution lines will be installed;
- use of the H & Bay Yard and associated fly yard for equipment and materials storage; and
- all other activities associated with the construction of the Bay Boulevard Substation as described in the Proponent's Environmental Assessment and Final Environmental Impact Report.

The components included as part of this NTP request are depicted in Attachment A: Bay Boulevard Substation Map. The map shows the permanent footprint as well as the temporary work areas associated with the construction of the Bay Boulevard Substation. The Bay Boulevard Substation site is located approximately 0.5 mile south of the existing South Bay Substation on a 12.42-acre parcel. The fenced portion of the Bay Boulevard Substation will permanently occupy approximately 9.7 acres.

### **Pre-Construction Mitigation Measures**

A list of all of the pre-construction measures that are applicable to construction of the Bay Boulevard Substation (as identified in the MMCRP) and their status are summarized in Attachment B: Pre-Construction Status Report of this NTP request. Attachment B: Pre-Construction Status Report provides the full text of the measures, their corresponding status, and an explanation of their status. In order to facilitate tracking and implementation, some of the measures have been organized into tasks so that the pre-construction and construction components of the measures can be tracked separately. These measures may appear on more than one line in Attachment B: Pre-Construction Status Report and are identified by different task numbers. The pre-construction tasks of applicable measures may be identified as "complete," while the tasks not required immediately prior to construction will be marked as "to be implemented during construction." Pre-construction mitigation measures and/or tasks that do not apply have been identified as "not applicable."

All other outstanding pre-construction requirements that are designated as "To be implemented immediately prior to construction" will be completed between the issuance of the Notice to Proceed and the start of construction; no construction will occur until all of the pre-construction tasks have been fulfilled and documentation, where required, has been provided to the CPUC. All other required MM tasks, as stated in the MMCRP, will be implemented during construction.

# **Activity Summary**

Construction of the Bay Boulevard Substation as discussed above will occur in accordance with Section B.4.1 of the Final EIR and Section 1.3.2 of the Addendum to the Final EIR. The information described in the Final EIR includes specific details pertaining to mass grading and construction of the Bay Boulevard Substation and associated components. The information described in the Addendum to the Final EIR describes the use of water in order to meet soil compaction standards and dust control requirements, including the approved sources and water truck trip routes.

Upon completion of the Project, temporary facilities will be removed, and any waste, trash, and debris will be collected and properly disposed of. The construction activities associated with the Bay Boulevard Substation are anticipated to take approximately 24 months to complete.

SDG&E respectfully requests authorization of this NTP request by March 13, 2015. Should you have any questions or need additional information, please do not hesitate to contact me at (XXX) XXX-XXXX.

Sincerely,

Don Houston

Don Sayston

Major Projects Environmental Manager San Diego Gas & Electric Company

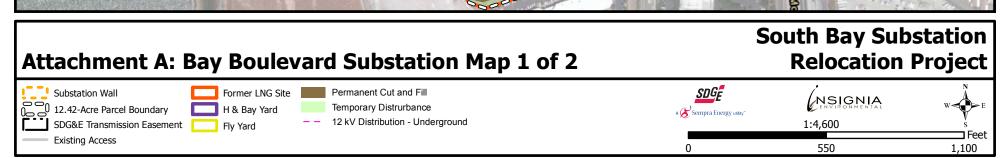
Attachment A: Bay Boulevard Substation Map Attachment B: Pre-Construction Status Report

cc: Kirstie Reynolds, SDG&E

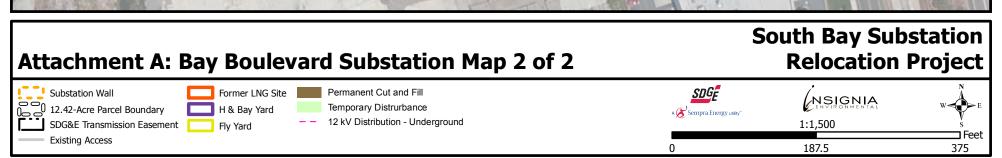
Allison Schaffer, Dudek David Hochart, Dudek Armen Keochekian, Insignia Environmental (Insignia) Anne Marie McGraw, Insignia Jeffry Coward, Insignia

# ATTACHMENT A: BAY BOULEVARD SUBSTATION MAP









# ATTACHMENT B: PRE-CONSTRUCTION STATUS REPORT

# Attachment B: Pre-Construction Status Report

-To Be Implemented During Construction
-Pending OR To Be Implemented Immediately Prior to Construction
-Not Applicable
-To Be Implemented Following Construction

Report Criteria:
AGENCY: CPUC

TIMING: Design; Design and During; Design and Post; Pre; Pre and During; Pre and Post; Pre, During, and Post

LOCATION: Bay Boulevard Substation

Location: Bay Boulevard Substation

Measure Categor Title	ry MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
Biological Resources	APM-BIO-01	01	Follow NCCP protocols	SDG&E would conduct activities in accordance with NCCP Operational Protocols to avoid, minimize, or mitigate impacts to biological resources.	Implementation of the NCCP Operational Protocols is included in the construction contract for the Bay Boulevard Substation and will be followed during construction. Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014.  The preactivity survey report was submitted to the United States Fish and Wildlife Service on November 18, 2014 and to the California Department of Fish and Wildlife on December 2, 2014. Evidence was submitted to the CPUC on December 31, 2014.  SDG&E will continue to implement NCCP Operational Protocols during construction of the Project.	Pre and During	To Be Implemented During Construction
Biological Resources	APM-BIO-02	02	Conduct biological monitoring	Within 14 days prior to vegetation removal, the biological monitor would survey the site to ensure that no sensitive species would be impacted.	A letter summarizing the pre-construction survey of temporary work areas associated with NTP #1 was submitted to the CPUC on December 5, 2014. The results of pre-construction surveys for temporary work areas associated with the Bay Boulevard Substation will be documented in the appropriate Weekly Environmental Compliance Status Report.		To Be Implemented Immediate Prior to Const.
Biological Resources	APM-BIO-03	01	Protect raptor nests	If a raptor nest is observed during preconstruction surveys, a qualified biologist would determine if it is active. If the nest is deemed inactive, SDG&E, under the supervision of a biological monitor, would remove and dismantle the nest promptly from existing structures that would be affected by Proposed Project construction. Removal of nests would occur outside of the raptor breeding season (January to July).	Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014. Pre-construction surveys will document active and inactive raptor nests. Survey reports regading avoidance and USFWS or CDFW concurrence, as necessary, will be submitted to the CPUC.	During	To Be Implemented Immediate Prior to Const.

Measure Category itle	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
Biological Resources	APM-BIO-03	02	Protect raptor nests	If the nest is determined to be active, it would not be removed and the biological monitor would monitor the nest to ensure nesting activities and/or breeding activities are not disrupted. If the biological monitor determines that Proposed Project activities are disturbing or disrupting nesting activities, the monitor would make recommendations to reduce the noise and/or disturbance in the vicinity of the nest.	This measure will be implemented during construction if a nest is determined to be active.	Pre and During	To Be Implemented During Construction
iological esources	APM- BIO-04	01	Minimize impacts to raptors	Structures would be constructed to conform to the Avian Power Line Interaction Committee's Suggested Practices for Avian Protection on Power Lines to help minimize impacts to raptors.	Applicant Proposed Measure BIO-04 as described in Table B-13 of Chapter 7 Description of Proposed Project of the Final Environmental Impact Report is only applicable to the transmission line components. Therefore, this measure is not applicable to the Bay Boulevard Substation.  Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014.	Pre	N/A
iological esources	APM- BIO-05	01	Compensation for permanent impacts to jurisdictional resources	Permanent impacts to all jurisdictional resources would be compensated through habitat restoration at a minimum of a one-to-one ratio or as required by the permitting agencies.	APM-BIO-05 is superseded by MM BIO-03.	Pre	N/A
Biological Resources	APM-BIO-06	01	Decumbent goldenbush	Impacts to decumbent goldenbush would be minimized by avoiding impacts to individual plants to the maximum extent practical.	Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014.  Any plants identified in areas slated for temporary disturbance will be flagged for avoidance immediately prior to construction and avoided if possible. Impacts to plants were addressed in the Final EIR and mitigated for with APM-BIO-06. Therefore, SDG&E will comply with the measure and no other permitting or coordination with resource agencies or stand alone authorizations are required.	Pre and During	Complete

the CPUC's data request regarding the first submittal of NTP request #1.

Location: Bay Boulevard Substation

Measure Category MMNo TaskNo Mitigation Measure Task Text

Title Biological APM-Decumbent If avoidance is not feasible, individual plants would be transplanted and relocated to an appropriate site (as determined by a On February 11, 2015, decumbent goldenbush Pre and Complete BIO-06 goldenbush qualified biologist) within the Proposed Project area. The plants would be located as close as possible to their original location Resources (Isocoma menziesii var. decumbens) plants During and in the same orientation (e.g., with the west-facing side of the plant facing west when relocated). located within the Bay Boulevard Substation footprint were salvaged and transported off site for storage at a native plant nursery until future relocation, as documented in the Weekly Environmental Compliance Status Report for February 9 through 15, 2015. The CPUCapproved Habitat Restoration Specialist, two crew members, and one biologist from RECON Environmental, Inc. were onsite and conducted the relocation in accordance with APM-BIO-06. APM-03 To Be Implemented During Biological Decumbent If relocation of decumbent goldenbush is not feasible, or if transplanted individuals are unsuccessful, seeds would be collected SDG&E has identified a location within the Pre, goldenbush Resources BIO-06 and used in restoration efforts following construction of the Proposed Project. Project area for transplants as well as seed During, Construction acquisition. Methods recommended by the and habitat restoration specialist will be used to Post assure that a population of this species, comparable to what is currently on site, is

Comments

successfully restored.

Timing Status

Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Timing Status Title BIO-01 01 Biological Habitat Evidence of incorporation of specifications into Pre. To Be Implemented During Provide Habitat Compensation or Restoration for Permanent Impacts to Native Vegetation Communities. Where impacts to Resources compensation for disturbed coyote brush scrub and non-native grasslands cannot be avoided, SDG&E shall restore temporarily disturbed areas to construction contracts was submitted via email During, Construction permanent impacts pre-construction conditions following construction and deduct credits from the SDG&E Mitigation Credits for permanent impacts to the CPUC on June 3, 2014. The language and to native vegetation to sensitive communities, as stated in the SDG&E NCCP. included in the construction contracts was Post communities approved on September 9, 2014. The preconstruction components of this measure are complete. SDG&E will restore temporarily disturbed areas to pre-construction conditions following the completion of construction. SDG&E will deduct mitigation credits for any permanent impacts to sensitive communities following construction. Permanent impacts to coastal sage scrub located outside of a designated preserve will be mitigated to a 1.5to-1 ratio and permanent impacts to non-native grassland located outside of a designated preserve will be mitigated to a 1-to-1 ratio by deducting from the SDG&E Mitigation Bank. As indicated by the CPUC in its email dated May 16, 2014, there is a discrepancy in the amount of credits that should be deducted from the mitigation credits, as described in the Final EIR errata. The Final EIR errata for Impact BIO-1 corrected the impact acreages in Table D.5-4 Impacts on Vegetation Communities as follows: from 9.46 acres to 8.74 acres of permanent impacts to non-native grassland and from 5.03 acres to 4.94 acres of permanent impacts to disturbed coyote brush scrub. The Project's preactivity survey report, which was submitted to the appropriate wildlife agencies, described the correct acreage of native vegetation impacts that will result from the Project, along with associated mitigation requirements. BIO-01 Habitat iological Where on-site restoration is planned for mitigation of temporary impacts to sensitive vegetation communities, the applicant shall Jeffry Coward was approved as the habitat Pre and Complete Resources compensation for identify a habitat restoration specialist to be approved by the CPUC or that the resource agencies have indicated is acceptable to restoration specialist by the CPUC on June 27, During permanent impacts determine the most appropriate method of restoration. 2014. to native vegetation communities BIO-02 01 Biological Topsoil salvaging Topsoil Salvaging. During construction, the upper 12 inches of topsoil (or less depending on existing depth of topsoil) shall be Evidence of incorporation of specifications into Pre and To Be Implemented During Resources salvaged and replaced wherever open trenching activities are required through open land with native vegetation (not including construction contracts was submitted via email Construction graded roads and road shoulders) for the installation of the underground banks. to the CPUC on June 3, 2014. MM BIO-02 applies to areas where open trenching activities will occur through open land with native vegetation. Topsoil will be salvaged and replaced in areas of the Bay Boulevard Substation site where trenching activities are required through open land and native vegetation will be temporarily impacted.

Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Timing Status

Title

Biological Resources	BIO-03	02	Habitat compensation for permanent impacts to jurisdictional resources	Appropriate permits from the wetland resource agencies including ACOE, CDFG, RWQCB, and CCC for the impacts to wetlands and jurisdictional waters shall be provided to the CPUC prior to construction. Buffers for wetland areas shall be included as required by the wetland resource agencies.	Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014. The CPUC has been provided with evidence of issuance of the Coastal Development Permit. Evidence of issuance of the 1602 Streambed Alteration Agreement was submitted to the CPUC on January 6, 2015. Evidence of issuance of the Section 404 Individual Permit and the Section 401 Water Quality Certification were submitted to the CPUC on February 12, 2015. A copy of the final Habitat Restoration Plan for compensation of permanent impacts to jurisdictional resources was submitted to the CPUC on December 9, 2014.	Pre	Complete
Biological Resources	BIO-04	01	Noxious Weeds and Invasive Species Control Plan	Prepare and implement a Noxious Weeds and Invasive Species Control Plan. A Noxious Weeds and Invasive Species Control Plan shall be prepared and reviewed by the California Department of Fish and Game and California Public Utilities Commission. The plan shall be submitted to the CPUC at least 30 days prior to ground-disturbance activities.	The CDFW approved the Noxious Weeds and Invasive Species Control Plan on August 28, 2014. The CPUC approved the plan on September 9, 2014.	Pre	Complete
Biological Resources	BIO-05	01	Dust Control Plan	Prepare and Implement a Dust Control Plan. A Dust Control Plan shall be prepared and submitted to the California Public Utilities Commission.	Evidence of incorporation of commitments into construction contracts was submitted via email to the CPUC on June 3, 2014. The language included in the construction contracts was approved on September 9, 2014. The Final Dust Control Plan was approved by the CPUC on July 9, 2014.	Pre	Complete
Biological Resources	BIO-06	01	Burrowing owl survey and monitoring	A survey shall be conducted within 30 days and not less than 14 days prior to initiation of construction by a qualified biologist in accordance with the Staff Report on Burrowing Owl Mitigation (CDFG 2012) to determine the presence or absence of the burrowing owl in the project site limits, and the to the extent practicable, suitable habitat located within 250 feet of the project boundary. If the burrowing owl is present, no project-related disturbance shall occur within 160 feet of occupied burrows from October 16 through March 31. If burrowing owls are found within the project area or within 250 feet of the project area during the breeding season (February 1 through August 31), a no-construction or project-related disturbance buffer will be established around the active burrow until the young have fledged, as determined by a qualified biologist. A 660-foot (200-meter) no-disturbance buffer of occupied burrows is recommended from April 1 through October 15 (CDFG 2012); however, an appropriately sized buffer will be established in writing with concurrence from the CDFW. If burrowing owls are present within the project site and/or work areas, and those occupied burrows cannot be avoided during the non-breeding season (September 1 to January 31), temporary or permanent burrow exclusion and or burrow closure can be implemented if the following conditions are satisfied: 1) a Burrowing Owl Exclusion Plan is developed and approved by the local CDFW office; 2) permanent or temporary loss of occupied burrows and habitat is mitigated in accordance with the Staff Report on Burrowing Owl Mitigation (CDFG 2012) recommendations; 3) site monitoring is conducted to ensure that take is avoided; and 4) excluded burrowing owls are documented using artificial or natural burrows on an adjacent site, consistent with requirements as established in the Burrowing Owl Exclusion Plan (CDFG 2012). Passive relocation of owls shall be implemented prior to construction only at the direction of CDFW and only if the previously described occup	A survey results memo regarding the burrowing owl survey conducted prior to activities associated with NTP #1 was submitted to the CPUC on December 31, 2014. A follow-up burrowing owl survey for the Bay Boulevard Substation was conducted on January 23, 2015, and the results were documented in the Weekly Environmental Compliance Status Report for the week ending on January 25, 2015.	Pre and During	To Be Implemented During Construction

Location: **Bay Boulevard Substation** Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Status Timing Title Biological BIO-06 02 Burrowing owl The survey results shall be provided to the CPUC within 14 days following completion of the surveys. Refer to BIO-06. Task 01 for the status of this Pre and To Be Implemented During Construction Resources survey and measure. During monitoring BIO-07 01 Biological Nesting bird surveys If construction activities including but not limited to grading or site disturbance are to occur between February 15 and September Nesting bird surveys were conducted on Pre and To Be Implemented During Resources 15, a nesting bird survey shall be conducted by a qualified avian biologist to determine the presence of nests or nesting birds February 15 and 16, prior to any construction Construction within 500 feet of the construction activities. The nesting bird surveys shall be completed no more than 72 hours prior to any activities, in accordance with this measure. The construction activities. The survey will focus on special-status species such as but not limited to California horned lark, California survey results were documented in the Weekly least tern, western snowy plover, Caspian tern, gull-billed tern, and other nesting birds that may be disturbed by human activity. **Environmental Compliance Report for February** 16 through 22. Survey documentation of nesting bird surveys will continue to be provided to the CPUC during construction within the nesting bird season. Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014. BIO-08 01 Prior to commencing any construction activity including ground disturbance, SDG&E shall provide a noise report to CPUC from a Evidence of incorporation of specifications into Pre and To Be Implemented During **Biological** Noise reporting at During Resources active nests certified acoustician to document the noise levels that would result from proposed construction activities at the active nests construction contracts was submitted via email Construction identified under BIO-7. to the CPUC on June 3, 2014. As reported in the Weekly Environmental Compliance Status Report for February 16 through 22, noise monitoring conducted by a certified acoustician on February 17, 2015 determined the noise within the Anna's hummingbird nest buffer to be less than 60 decibels (dB). The monitoring results were summarized in a monitoring report by Eilar Associated, Inc., which will be submitted to the CPUC prior to commencement of activities under this NTP request. No other applicable active nests have been identified at the Project site. BIO-08 02 To Be Implemented During **Biological** Noise reporting at In the event the report prepared by a certified acoustician indicates construction noise levels may exceed 60 dBA Leg(h) at nearby This measure will be implemented if active nests Pre and active nests sensitive habitat areas and/or active nests, a temporary noise barrier shall be constructed to reduce noise levels to below 60 dBA are identified during construction and if the Construction Resources During noise report indicates that noise levels may Leq(h) where feasible or otherwise approved by the CDFG, to attenuate noise from construction equipment. The height and materials of the noise barrier would depend on several factors, including the construction noise level as well as distance from exceed 60 dBA Leg(h). sensitive habitat areas and active nests. Depending on various geometric and design factors, a temporary noise barrier could attenuate construction noise by approximately 5 to 15 dB. If the installation of a temporary noise barrier is infeasible for specific construction activities, or if noise levels cannot be reduced below 60 dBA Leq(h), mufflers or other noise-suppression devices that exceed the original manufacturer's specifications shall be utilized to help reduce noise levels. Noise-monitoring equipment would

be installed near active nests for areas where noise walls are infeasible to monitor noise levels during construction, and

until the nestlings have fledged unless otherwise approved by the CDFG.

equipment would be turned off when not required for active construction activities. If noise levels still exceed 60 dBA Leq(h) at the edge of nesting territories and/or a no-construction buffer cannot be maintained, construction shall be deferred in that area

education program to all construction personnel immediately prior to them commencing work on the Project. All crew training sign-in sheets will be submitted as attachments to the Weekly Environmental Compliance Status Report during construction. Location: Bay Boulevard Substation Timing Status Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Title Cultural and Pre and To Be Implemented During APM- 01 Paleontological A qualified paleontologist would attend preconstruction meetings, as needed, to consult with the excavation contractor The qualified paleontologist's resumes were Paleontological CUL-04 monitoring concerning excavation schedules, paleontological field techniques, and safety issues. A qualified paleontologist is defined as an provided to the CPUC on July 2, 2014. A During Construction Resources individual with an MS or PhD in paleontology or geology who is experienced with paleontological procedures and techniques, qualified paleontologist has consulted with the excavation contractor as necessary during who is knowledgeable in the geology and paleontology of San Diego County, and who has worked as a paleontological mitigation

				project supervisor in the region for at least 1 year. The requirements for paleontological monitoring would be noted on the construction plans.	preconstruction meetings. A note has been included on the construction plans indicating the requirements for paleontological monitoring and this page of the plans was submitted to the CPUC on July 2, 2014.		
Geology and Soils	APM- GEO-01	01	Follow seismic design standards	SDG&E would consider the recommendations and findings of the geotechnical investigation prepared by GEOCON Inc. and the contractor's geotechnical engineer in the final design of all Proposed Project components to ensure that the potential for expansive soils and differential settling is compensated for in the final design and construction techniques. SDG&E would comply with all applicable codes and seismic standards. In addition, the Proposed Project would be configured according to the Institute of Electrical and Electronics Engineers 693 "Recommended Practices for Seismic Design of Substations" in order to withstand anticipated ground motion. The final design would be reviewed and approved by a professional engineer registered in the State of California prior to construction.	SDG&E's engineering contractor, Black & Veatch, has reviewed and considered the recommendations from the geotechnical investigations in the final Project design. A letter prepared by Black & Veatch and stamped by a Professional Engineer was provided to the CPUC on June 6, 2014 and resubmitted on June 26, 2014 to include additional measure specifications. The CPUC approved the letter on August 8, 2014.	Pre	Complete
Geology and Soils	G-01	01	Design-level geotechnical investigation	Geotechnical Investigations for Liquefaction and Slope Instability. SDG&E shall perform design-level geotechnical investigations to evaluate the potential for liquefaction, lateral spreading, seismic slope instability, and ground-cracking hazards to affect the approved project and all associated facilities. Where these hazards are found to exist, appropriate engineering design and construction measures shall be incorporated into the project designs. Appropriate measures could include construction of pile foundations, ground improvement of liquefiable zones, installation of flexible bus connections, and incorporation of slack in underground cables to allow ground deformations without damage to structures. The geotechnical investigations prepared by a certified geologist shall be submitted to the CPUC 60 days prior to construction of proposed structures.	SDG&E's engineering contractor, Black & Veatch, has reviewed and considered the recommendations from the geotechnical investigations in the final Project design. A letter prepared by Black & Veatch and stamped by a Professional Engineer was provided to the CPUC on June 6, 2014 and resubmitted on June 26, 2014 to include additional measure specifications. The CPUC approved the letter on August 8, 2014.	Pre	Complete
Hydrology and Water Quality	HYDRO -01	01	SWPPP	In accordance with the stormwater pollution prevention plan (SWPPP) to be prepared under the State General Construction Permit, work crews shall use erosion control measures during grading activities. Implementation of the SWPPP shall help stabilize soil in graded areas and waterways and reduce erosion and sedimentation. Mulching, seeding, or other suitable stabilization measures shall be used to protect exposed areas during construction activities. The SWPPP shall be submitted to the California Public Utilities Commission prior to construction activities.	Evidence of incorporation of commitments into construction contracts was submitted via email to the CPUC on June 3, 2014. The language included in the construction contracts was approved on September 9, 2014.  The SWPPP was uploaded to SMARTS and a Notice of Intent was received on July 25, 2014. The CPUC was notified of the SWPPP being uploaded to SMARTS on July 31, 2014. A copy of the SWPPP will be produced and kept on site during construction.	Pre and During	To Be Implemented During Construction

Measure Category Title	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
lydrology and Vater Quality	HYDRO -02a	01	Dewatering discharge permit	Prior to construction, SDG&E shall consult with the San Diego Regional Water Quality Control Board (RWQCB) to determine whether an individual discharge permit is required for dewatering at any of the project areas anticipated to encounter groundwater. A copy of the permit or a waiver from the RWQCB, if required, shall be provided to the California Public Utilities Commission prior to dewatering activities.	SDG&E spoke with Roger Mitchell at the San Diego Regional Water Quality Control Board (RWQCB) on June 10. Roger indicated that a construction project with groundwater dewatering discharge to land would need to comply with Waiver No. 3 – Miscellaneous "Low Threat" Discharges to Land and file a Notice of Intent (NOI) form to enroll in the waiver. San Diego RWQCB staff will review the NOI and determine eligibility within 2 weeks. If the discharge is not eligible for a waiver, then a Waste Discharge Requirement would be required. The new waivers were adopted on June 26. The waiver for discharge to land will be submitted to the CPUC prior to conducting dewatering activities.	Pre	To Be Implemented During Construction
lydrology and Vater Quality	HYDRO -02b	01	Typical dewatering drawing	SDG&E shall submit to California Public Utilities Commission prior to construction a typical dewatering drawing that shall be implemented during dewatering activities. The drawing shall include the location of pumps within secondary containment, fuel storage areas, anticipated discharge point, scour protection measures, intake hose screening, and monitoring procedures to ensure that hazardous materials spills are addressed in a timely manner and discharge hoses are frequently inspected for leaks.	The Dewatering Plan was approved by the CCC and CPUC on September 3, 2014.	Pre	Complete
and Use and lanning	L-01a	01	Public notice	SDG&E or its construction contractor shall provide advance notice, between 2 and 4 weeks prior to construction, by mail to all residents or property owners within 300 feet of the project. The announcement shall state specifically where and when construction will occur in the area.	A construction notice for residents and property owners located within 300 feet of the Bay Boulevard Substation was sent to residents and property owners on December 15, 2014. A copy of the public notice was included with NTP request #1 as Attachment D: Revised Landowner Notice. Verification of mailing was submitted to the CPUC on December 31, 2014.	Pre and During	Complete
and Use and lanning	L-01a	02	Public notice	SDG&E shall also publish a notice of impending construction in local newspapers, stating when and where construction will occur. Prior to construction, copies of all notices shall be submitted to the CPUC.	A notice of construction was published in the Union Tribune on December 18, 2014 and in Star News on December 19, 2014. A Spanish language version was published in El Latino on December 19, 2014. A copy of the public notice was included with NTP request #1 as	Pre and During	Complete

Attachment D: Revised Landowner Notice.

Location: **Bay Boulevard Substation** Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Timing Status Title Land Use and L-01b 01 Public liaison SDG&E shall identify and provide a public liaison officer before and during construction to respond to concerns of neighboring Procedures for reaching the public liaison Pre and To Be Implemented During Planning residents about noise, dust, and other construction disturbance. Procedures for reaching the public liaison officer via telephone officer have been included in the construction During Construction or in person shall be included in notices distributed to the public in accordance with Mitigation Measure L-1a. notice required by MM L-1a. A copy of the construction notice was included with NTP request #1, which was approved on November 14, 2014, as Attachment D: Revised Landowner Notice. The construction notice was mailed to all residents and property owners within 300 feet of the Project on December 15, 2014, and published in the Union Tribune on December 18, 2014 and in Star News on December 19, 2014. A Spanish language version was published in El Latino on December 19, 2014. Bimonthly reports containing public inquiries and the responses made will be submitted to the CPUC during construction. Land Use and L-03 Port Master Plan SDG&E shall submit a request to the Unified Port of San Diego to process a Port Master Plan amendment that would modify the Per the MMCRP, which was included as an Pre N/A **Planning** land uses prescribed in the PMP to accommodate a land use plan for the alternative project site located within the Port Master attachment to the CPUC Decision Granting Amendment Plan planning boundary. SDG&E a Permit to Construct the Project, this measure does not apply to the approved Project. NOI-01 01 Noise Noise ordinance SDG&E shall conduct all construction activities in accordance with the City of Chula Vista Municipal Code allowable hours for Evidence of incorporation of commitments into Pre and To Be Implemented During During construction unless otherwise approved by the City. For any evening and nighttime construction activities that are required construction contracts was submitted via email Construction outside of the permitted hours, SDG&E shall notice all property owners within 300 feet of the proposed work at least 1 week in to the CPUC on June 3, 2014. The language advance of the construction activities. SDG&E shall notify the local jurisdiction and the California Public Utilities Commission prior included in the construction contracts was to conducting any work that may deviate from the City noise ordinance. Nighttime work and the use of heavy construction approved on September 9, 2014. This measure equipment shall be limited to the extent practicable. will be implemented during construction if evening or night time work is required. Public Health and APM-Hazardous SDG&E would prepare and implement a project-specific Hazardous Substance Management and Emergency Response Plan during The Hazardous Substance Management and Pre and Complete Safety HAZ-01 Substance the construction period to reduce or avoid potentially hazardous materials for the purposes of worker safety, protection from Emergency Response Plan/Hazardous Site During

Management and

**Emergency** 

Response Plan

groundwater contamination, and proper disposal of hazardous materials.

Assessment was approved by the CPUC on

Substances Control and Department of Environmental Health, that submittal of the Plan is not required on June 25, 2014.

SDG&E confirmed with the Department of Toxic

August 26, 2014.

leasure Category	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
ublic Health and afety	HAZ- 01a	01	Environmental awareness training program	Prior to construction, all SDG&E, contractor, and subcontractor project personnel would receive training regarding the appropriate work practices necessary to effectively implement hazardous materials procedures and protocols and to comply with the applicable environmental laws and regulations, including, without limitation, hazardous materials spill prevention and response measures. A sign-in sheet of contractor and subcontractor project personnel who have received training shall be provided to California Public Utilities Commission on a regular basis depending on the level of construction activity.	Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014.  Appropriate work practices regarding hazardous materials were discussed at the Supervisory Level Awareness Training conducted on August 26, 2014 and will be discussed at subsequent crew trainings. SDG&E will administer the Environmental Awareness Education Program to all construction personnel immediately prior to them commencing work on the Project. Signin sheets for the crew trainings and any additional supervisory level trainings will be submitted as attachments to the Weekly Environmental Compliance Status Report during construction.	Pre and During	To Be Implemented During Construction
ublic Health and afety	HAZ- 01b	01	Hazardous Substance Management and Emergency Response Plan	The hazardous substance management and emergency response plan proposed by APM-HAZ-01 shall be reviewed and approved by the California Public Utilities Commission (CPUC), California Department of Toxic Substances Control, and San Diego County Department of Environmental Health (DEH), Hazardous Materials Division. The plan shall meet the requirements identified in California Health and Safety Code Sections 25503.4, 25503.5, and 25504 and specifically addressed for the County of San Diego in the County of San Diego DEH, Hazardous Material Division guidance on Hazardous Materials Business Plans.	The Hazardous Substance Management and Emergency Response Plan/Hazardous Site Assessment was approved by the CPUC on August 26, 2014.  SDG&E confirmed with the Department of Toxic Substances Control and Department of Environmental Health, that submittal of the Plan is not required on June 25, 2014.	Pre	Complete
ublic Health and afety	HAZ-02	01	Hazardous materials site assessment	As part of the final design, a site assessment shall be performed to augment and consolidate previous studies performed for the entire Proposed Project site to identify where hazardous materials or wastes may be encountered. The site assessment shall be submitted to the California Public Utilities Commission and the Department of Toxic Substances Control at least 60 days prior to construction activities. In the event that grading, construction, or operation of proposed facilities will encounter hazardous waste, SDG&E shall ensure compliance with the State of California CCR Title 23 Health and Safety Regulations as managed by the Department of Toxic Substances Control and San Diego County Department of Environmental Health (DEH).	The Hazardous Substance Management and Emergency Response Plan/Hazardous Site Assessment was approved by the CPUC on August 26, 2014.  SDG&E confirmed with the Department of Toxic Substances Control and Department of Environmental Health, that submittal of the Plan is not required on June 25, 2014.	Pre	Complete
blic Health and	HAZ-04	04	Fire prevention	Fires shall be prevented or minimized by exercising care when operating utility vehicles within the right-of-way and access roads	Evidence of incorporation of specifications into		To Be Implemented During

Fire prevention measures as outlined in this measure will be implemented during

construction.

ocation: Bay E	Boulevar	d Substat	ion				
leasure Category tle	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
ıblic Health and fety	HAZ-04	02	Fire prevention	In times of high fire hazard, it may be necessary for construction vehicles to carry water and shovels or fire extinguishers. Fire protective mats or shields would be used during grinding or welding to prevent or minimize the potential for fire.	Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014.	Pre and During	To Be Implemented During Construction
					Fire prevention measures as outlined in this measure will be implemented during construction.		
ublic Services nd Utilities	PSU-01	01	Utility service interruption noticing	Prior to construction in which a utility service interruption is known to be unavoidable, SDG&E shall notify members of the public affected by the planned outage of the impending interruption. Copies of the notices and dates shall be provided to the CPUC at the time the notices are distributed to the public.	This measure was included in the Final EIR, but is not included in the MMCRP. The CPUC will be provided a copy of the notice required for any planned service interruption, if required.	Pre and During	To Be Implemented During Construction
ransportation nd Traffic	APM- TRA-01	01	Avoid heavy-duty vehicle use on L Street during p.m. peak hours	Heavy-duty construction vehicles and equipment would not utilize L Street during the p.m. peak hours (between 4:00 p.m. and 6:00 p.m. on weekdays). Alternate travel routes, such as J Street and Palomar Avenue, would instead be used during this time.	Evidence of incorporation of commitments into construction contracts was submitted via email to the CPUC on June 3, 2014. This measure will be implemented during construction.	Pre and During	To Be Implemented During Construction
ransportation and Traffic	TRA-01	01	Traffic management/control plans	Prior to the start of construction, SDG&E shall submit traffic management plans (TMPs) to the City as part of the required traffic encroachment permits. Traffic control plans (TCPs) shall define the locations of all roads that would need to be temporarily closed due to construction activities, including hauling of oversized loads by truck, conductor stringing activities, and trenching activities. The TCPs shall define the use of flag persons, warning signs, lights, barricades, cones, etc., according to standard guidelines outlined in the California Department of Transportation (Caltrans) Traffic Manual for Construction and Maintenance Work Zones (Caltrans 1996), the Standard Specifications for Public Works Construction (Caltrans 2009a), and the Work Area Traffic Control Handbook (WATCH) (Caltrans 2009b).	SDG&E has coordinated with the City of Chula Vista regarding the Traffic Control Plan. The Traffic Management Plan, which contains the Traffic Control Plan, was approved by the CPUC on September 26, 2014.	Pre	Complete
ransportation nd Traffic	TRA-01	02	Traffic management/control plans	Input and approval from the City shall be obtained, and copies of an approval letter from the City must be provided to the CPUC prior to the start of construction. Documentation of the approval of these plans, consistency with SDG&E's utility franchise agreements, and issuance of encroachment permits (if applicable) shall be provided to CPUC prior to the start of construction activities that require temporary closure of a public roadway.	Documentation demonstrating coordination with the City of Chula Vista was included as Attachment A: City of Chula Vista Letter of Coordination to the Traffic Management Plan. Documentation of all encroachment permits or additional TCPs approved by the City will be submitted to the CPUC as applicable.	Pre	To Be Implemented During Construction
ransportation nd Traffic	TRA-02	01	Stagger work shifts	SDG&E shall stagger work shifts during the peak period of construction activity, which shall occur during the approximately 6-month grading and site development phase, and construction shifts shall be staggered to the degree possible, such that employee arrivals and departures from the site will avoid the project area peak traffic hours (7:30–8:30 a.m. and 4:30–5:30 p.m.) or as otherwise approved by the City of Chula Vista. Construction-related truck traffic shall also be scheduled to avoid travel during peak periods of traffic on the surrounding roadways.	Evidence of incorporation of commitments into construction contracts was submitted via email to the CPUC on June 3, 2014. The language included in the construction contracts was approved on September 9, 2014. Construction work shifts will occur in accordance with the approved Traffic Management Plans.	Pre and During	To Be Implemented During Construction
Fransportation and Traffic	TRA-04	01	Emergency services coordination	SDG&E shall coordinate in advance with the City to avoid restricting movements of emergency vehicles. SDG&E shall request that police departments, fire departments, ambulance services, and paramedic services be notified by the City of the proposed locations, nature, timing, and duration of any construction activities and advised of any access restrictions that could impact their effectiveness. At locations where access to nearby property is blocked, provision shall be ready at all times to accommodate emergency vehicles, such as plating over excavations, short detours, and alternate routes in conjunction with local agencies. Traffic control plans (Mitigation Measure TRA-1) shall include details regarding emergency services coordination and procedures. Documentation of coordination with the City shall be provided to CPUC prior to the start of construction.	Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014. Documentation demonstrating coordination with the City of Chula Vista was included as Attachment A: City of Chula Vista Letter of Coordination to the Traffic Management Plan.	Pre and During	Complete

					construction of the Bay Boulevard Substation.  Documentation of coordination with affected public jurisdictions will be provided to the CPUC prior to implementation of the temporary closures.		
Transportation and Traffic	TRA-06	01	Helicopter Lift Plan	Should helicopters be required to lift any structures during construction, SDG&E shall prepare a lift plan to be approved by both the Federal Aviation Administration (FAA) and CPUC that identifies procedures that will need to be implemented to ensure public safety.	Helicopters are not anticipated to be required to lift any structures during construction of the Bay Boulevard Substation. Therefore, this measure is not applicable.	Pre	N/A
Transportation and Traffic	TRA-06	02	Helicopter Lift Plan	Documentation of FAA approval of the lift plan shall be provided to the CPUC prior to the start of construction activities that require the use of a helicopter.	Helicopters are not anticipated to be required to lift any structures during construction of the Bay Boulevard Substation. Therefore, this measure is not applicable.	Pre	N/A
Fransportation and Traffic	TRA- 07a	01	Coordinate with parking lots	SDG&E shall coordinate with the lessee and/or owner of affected parking lots to minimize parking loss through timing restrictions that minimize potential conflicts with peak parking needs.	No parking lots are anticipated to be affected during construction of the Bay Boulevard Substation.	Pre and During	N/A
ransportation nd Traffic	TRA- 07b	01	Trenching notifications	SDG&E shall post signage 24 hours in advance of trenching activities along affected streets to notify businesses that might be inconvenienced.	This measure applies only to the transmission line; therefore, it is not applicable to the Bay Boulevard Substation.	Pre and During	N/A
ther	NTP1- 01	01	PSR Documentation	Prior to initiation of construction activities, SDG&E shall provide documentation that a pre-activity study report (PSR) has been submitted to the U.S. Fish and Wildlife Services and California Department of Fish and Wildlife in accordance with the NCCP (APM-BIO-01).	Documentation that the pre-activity survey report was submitted to the USFWS and CDFW was submitted to the CPUC on December 31, 2014.	Pre	Complete
ther	NTP1- 02	01	Pre-construction surveys	All pre-construction surveys as required per mitigation measures (MM) shall be completed by SDG&E and results provided to the CPUC in accordance with the timing identified in each mitigation measure.	All pre-construction measures applicable to potholing activites and NTP #1 were completed prior to starting work.	Pre	Complete
ither	NTP1- 03	01	Documentation of permits	Documentation of issuance of the Coastal Development Permit, Section 404 Individual Permit, Section 401 Water Quality Certification, and 1602 Streambed Alteration Agreement by respective jurisdictional agencies will be submitted by SDG&E to the CPUC prior to construction in areas of impact to jurisdictional resources in accordance with MM-BIO-3.	Documentation of all applicable permits have been submitted to the CPUC. Refer to the status of MM BIO-03 for the specific permits and submital dates.	Pre	Complete

Location: Bay Boulevard Substation Measure Category MMNo TaskNo Mitigation Measure Task Text Comments Timing Status Title Other NTP1-Review temporary Prior to construction, a qualified biologist shall review all proposed temporary work areas for presence of sensitive biological A sensitive resource survey was conducted for Complete Pre work areas resources, and submit a letter signed by the qualified biologist to the CPUC 30 days prior to construction that identifies whether all temporary work areas on November 25, any sensitive resources are present, in accordance with MM-BIO-10. 2014. A survey results letter signed by the qualified biologist was submitted to the CPUC on December 5, 2014. Other NTP1-01 Environmental All crew personnel shall be appropriately trained on environmental issues, including requirements of the MMCRP, prior to starting All personnel are required to attend the Worker Pre and To Be Implemented During 05 training work (APM-CUL-1; MM- HAZ-1a). A log shall be maintained on-site with the names of all crew personnel trained and submitted to Environmental Awareness Training prior to During Construction the CPUC. beginning work on the Project. The training signin sheets are submitted to the CPUC as attachments to the Weekly Environmental Compliance Status Reports. Other Construction notice No construction activities shall occur prior to the 15-day noticing requirement cycle being completed as identified in MM-LU-1a. Construction notices were mailed to all Complete property owners within 300 feet of the proposed work on December 15, 2014. Construction notices were also printed in local newspapers on December 18 and 19, 2014. Potholing activities commenced on January 5, 2015, in accordance with this measure.

No construction activities shall occur prior to notifying all property owners within 300 feet of proposed work at least 1 week in

advance of the activities in accordance with MM-LU-1b.

Other

NTP1-

Construction notice

Complete

Construction notices were mailed to all

property owners within 300 feet of the proposed work on December 15, 2014.

Construction notices were also printed in local newspapers on December 18 and 19, 2014. Potholing activities commenced on January 5, 2015, in accordance with this measure.