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June 22, 2016

Jensen Uchida
Project Manager
California Public Utilities Commission
505 Van Ness Avenue, 4th Floor
San Francisco, CA 94102

Re: Notice to Proceed (NTP) Request #4: Demolition of the Existing Substation for the South Bay Substation Relocation Project (Project)

Dear Mr. Uchida:

On October 17, 2013, the California Public Utilities Commission (CPUC) granted San Diego Gas & Electric Company (SDG&E) a Permit to Construct the Project (Decision 13-10-025). The decision conditionally authorizes construction of the Project with implementation of the applicant-proposed measures 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. On October 15, 2014, SDG&E amended the PFM to allow for increased construction water usage, use of reclaimed water, and other Project design changes. An Addendum to the Project's Final Environmental Impact Report (EIR) was completed in December 2014. On January 15, 2015, the CPUC approved the Addendum through Decision 15-01-006.

Purpose

At this time, SDG&E is formally requesting authorization from the CPUC to begin activities associated with the demolition of the South Bay Substation. Section B.4.2 of the Final EIR describes the activities required to dismantle the existing, approximately 7.22-acre South Bay Substation. All substation components will be removed to approximately six feet below existing grade, including both 138 kilovolt (kV) and 69 kV transmission equipment, control houses, steel support structures, asphalt, containment systems, and electrical substation equipment. In addition, a 12-kV distribution line connecting to the substation will be removed. Work will occur within the existing substation boundaries, as well as within approximately 50 feet outside of the substation boundaries and along the 12-kV distribution line. The temporary workspaces approved by NTP #1, NTP #2, and NTP #3 will also be utilized. Demolition activities will occur in accordance with the methods and practices described in Section B.6 of the Final EIR. Attachment A: South Bay Substation Demolition Map depicts the location of the demolition activities and associated workspace. All work will be conducted within the existing substation footprint and within SDG&E transmission and distribution rights-of-way.

Pre-Construction Mitigation Measures

A list of all of the pre-construction measures that are applicable to the dismantling of the South Bay Substation (as identified in the MMCRP) and their statuses 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 statuses, and an explanation of their statuses. To facilitate tracking and implementation, some of the measures have been organized into task numbers so that the pre-construction and construction components of the measures can be tracked separately, and these measures may appear on more than one line in Attachment B: Pre-Construction Status Report. The pre-construction tasks of applicable measures may be identified as “complete,” while the tasks that are not required immediately prior to construction will be marked as “to be implemented during construction.” Pre-construction MMs and/or tasks that do not apply have been identified as “not applicable.”

Attachment C: South Bay Construction Plan provides the construction plans with the paleontological monitoring requirement in accordance with Applicant Proposed Measure Cul-04.

Activity Summary

As discussed previously, demolition of the South Bay Substation will occur in accordance with Section B.4.2 of the Final EIR. The information described in the Final EIR includes specific details pertaining to disturbance areas and material staging and storage. Upon completion of the Project, temporary facilities will be removed, and any waste, trash, and debris will be collected and properly disposed of. The activities associated with the South Bay Substation demolition are anticipated to take approximately six months to complete, beginning in July 2016.

SDG&E respectfully requests approval of this NTP request by July 6, 2016. Should you have any questions or need additional information, please do not hesitate to contact me at (858) 503-5006.

Sincerely,



Don Houston
Major Projects Environmental Manager
SDG&E

Attachment A: South Bay Substation Demolition Map
Attachment B: Pre-Construction Status Report
Attachment C: South Bay Construction Plan

cc: Kirstie Reynolds, SDG&E
Allison Schaffer, Dudek
David Hochart, Dudek
Jeffrey Coward, Insignia Environmental

ATTACHMENT A: SOUTH BAY SUBSTATION DEMOLITION MAP




Attachment A: South Bay Substation Demolition Map

South Bay Substation Relocation Project


-  SDG&E Transmission Easement - Temporary Workspace
-  Existing South Bay Substation
-  12 kV Removal
-  Existing Access
-  Temporary Workspace
-  12 kV Removal



SDGE
Semptra Energy Utility

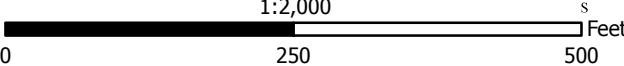


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ATTACHMENT B: PRE-CONSTRUCTION STATUS REPORT

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

Report Criteria:

AGENCY: CPUC

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

LOCATION: South Bay Substation

Location: South Bay Substation

Measure Category	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 was included in the construction contract 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. 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.	Biological surveys of the South Bay Substation will be conducted within 14 days prior to commencement of demolition activities. The survey results regarding avoidance of sensitive species will be documented in the appropriate Weekly Environmental Compliance Report.	Pre and During	To Be Implemented Immediately 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 regarding avoidance and USFWS or CDFW concurrence, as necessary, will be submitted to the CPUC.	Pre and During	To Be Implemented Immediately Prior to Const.
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 raptor nest is determined to be active.	Pre and During	To Be Implemented During Construction
Biological Resources	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.	No new structures will be constructed as part of the South Bay Substation dismantling activities. Therefore, this measure is not applicable to the South Bay Substation.	Pre	N/A

Location: South Bay Substation

Measure Category Title	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
Biological Resources	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.	No decumbent goldenbush individuals will be impacted during demolition of South Bay Substation.	Pre and During	N/A
Biological Resources	APM-BIO-06	02	Decumbent goldenbush	If avoidance is not feasible, individual plants would be transplanted and relocated to an appropriate site (as determined by a qualified biologist) within the Proposed Project area. The plants would be located as close as possible to their original location and in the same orientation (e.g., with the west-facing side of the plant facing west when relocated).	There are no decumbent goldenbush individuals located within the South Bay Substation; therefore, this measure is not applicable to this location.	Pre and During	N/A
Biological Resources	APM-BIO-06	03	Decumbent goldenbush	If relocation of decumbent goldenbush is not feasible, or if transplanted individuals are unsuccessful, seeds would be collected and used in restoration efforts following construction of the Proposed Project.	There are no decumbent goldenbush individuals located within the South Bay Substation; therefore, this measure is not applicable to this location.	Pre, During, and Post	N/A
Biological Resources	BIO-01	01	Habitat compensation for permanent impacts to native vegetation communities	Provide Habitat Compensation or Restoration for Permanent Impacts to Native Vegetation Communities. Where impacts to disturbed coyote brush scrub and non-native grasslands cannot be avoided, SDG&E shall restore temporarily disturbed areas to pre-construction conditions following construction and deduct credits from the SDG&E Mitigation Credits for permanent impacts to sensitive communities, as stated in the SDG&E NCCP.	Evidence of incorporation of specifications 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 pre-construction 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 1.5-to-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.	Pre, During, and Post	To Be Implemented Following Construction
Biological Resources	BIO-01	02	Habitat compensation for permanent impacts to native vegetation communities	Where on-site restoration is planned for mitigation of temporary impacts to sensitive vegetation communities, the applicant shall identify a habitat restoration specialist to be approved by the CPUC or that the resource agencies have indicated is acceptable to determine the most appropriate method of restoration.	Jeffry Coward was approved as the habitat restoration specialist by the CPUC on June 27, 2014.	Pre and During	Complete

Location: South Bay Substation

Measure Category Title	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
Biological Resources	BIO-02	01	Topsoil salvaging	Topsoil Salvaging. During construction, the upper 12 inches of topsoil (or less depending on existing depth of topsoil) shall be salvaged and replaced wherever open trenching activities are required through open land with native vegetation (not including graded roads and road shoulders) for the installation of the underground banks.	MM BIO-02 applies to areas where open trenching activities will occur. No open trenching will occur during substation demolition; therefore, no topsoil salvaging will be conducted. Thus, this measure is not applicable to the South Bay Substation demolition.	Pre and During	N/A
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.	The Dust Control Plan was submitted on June 6, 2014 and was resubmitted to the CPUC on June 19, 2014. CPUC Comments on the draft Dust Control Plan were provided on June 27, 2014. The Final Dust Control Plan was submitted to the CPUC on July 3, 2014. The CPUC approved the Final Dust Control Plan on July 9, 2014.	Pre	Complete

Measure Category Title	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
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 occupied burrow disturbance absolutely cannot be avoided (e.g., due to physical or safety constraints). If the alternate burrows are not used by the relocated owls, then the applicant shall work with CDFW to provide alternate mitigation for burrowing owls.	Pre-construction surveys conducted for NTP #1 included the Bay Boulevard Substation and the transmission line ROW. 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 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. An additional burrowing owl survey of the transmission work areas not utilized during construction of the Bay Boulevard Substation, which including the existing South Bay Substation, was conducted on September 15, 2015. The survey results were documented in the weekly Environmental Compliance Status Report for the week ending September 20, 2015.	Pre	Complete
Biological Resources	BIO-06	02	Burrowing owl survey and monitoring	The survey results shall be provided to the CPUC within 14 days following completion of the surveys.	The survey results were documented in the weekly Environmental Compliance Status Report for the week ending September 20, 2015.	Pre and During	Complete
Biological Resources	BIO-07	01	Nesting bird surveys	If construction activities including but not limited to grading or site disturbance are to occur between February 15 and September 15, a nesting bird survey shall be conducted by a qualified avian biologist to determine the presence of nests or nesting birds within 500 feet of the construction activities. The nesting bird surveys shall be completed no more than 72 hours prior to any construction activities. The survey will focus on special-status species such as but not limited to California horned lark, California least tern, western snowy plover, Caspian tern, gull-billed tern, and other nesting birds that may be disturbed by human activity.	Nesting bird surveys will be conducted prior to initiating construction activity between February 15 and September 15. The survey results are provided to the CPUC within the appropriate Weekly Environmental Compliance Reports.	Pre and During	To Be Implemented Immediately Prior to Const.
Biological Resources	BIO-08	01	Noise reporting at active nests	Prior to commencing any construction activity including ground disturbance, SDG&E shall provide a noise report to CPUC from a certified acoustician to document the noise levels that would result from proposed construction activities at the active nests identified under BIO-7.	This measure will be implemented if active nests are identified under BIO-07.	Pre and During	To Be Implemented During Construction
Biological Resources	BIO-08	02	Noise reporting at active nests	In the event the report prepared by a certified acoustician indicates construction noise levels may exceed 60 dBA Leq(h) at nearby sensitive habitat areas and/or active nests, a temporary noise barrier shall be constructed to reduce noise levels to below 60 dBA 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 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 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 until the nestlings have fledged unless otherwise approved by the CDFG.	This measure will be implemented if active nests are identified during construction and if the noise report indicates that noise levels may exceed 60 dBA Leq(h) at nearby sensitive habitat areas and/or active nests.	Pre and During	To Be Implemented During Construction

Location: South Bay Substation

Measure Category Title	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
Biological Resources	BIO-09	01	Raptor perch deterrent devices	SDG&E shall install sufficient raptor perch deterrent devices (on the top of project components including buildings, structures, steel poles, and the lattice communication tower to discourage raptors from landing on the surface and potentially preying on special-status wildlife species in the area.	The existing South Bay Substation will be dismantled and no perch deterrent devices will be required for this component. Therefore, this measure is inapplicable to this location.	Pre and During	N/A
Biological Resources	BIO-10	01	Temporary work areas	To the maximum extent feasible, temporary work areas (cable pull sites, jack-and-bore operations, etc.) shall be sited in locations that do not contain any sensitive habitat. A qualified biologist shall review all proposed temporary work areas for presence of sensitive biological resources, and submit a letter signed by the qualified biologist to the CPUC 30 days prior to construction that identifies whether any sensitive resources are present.	BIO-10 does not apply to the existing South Bay Substation. Mitigation Measure BIO-10 is located under Section D.5.3.5 – Transmission Interconnection within the Final Environmental Impact Report. This measure was developed in response to temporary and permanent loss to native habitats as described and analyzed for impacts associated to the Transmission line component and is therefore not applicable to the South Bay Substation demolition.	Pre	N/A
Biological Resources	BIO-11	01	Helicopter activity during avian breeding season	Helicopter activity during construction shall be restricted to the avian non-breeding season defined as between September 15 and February 15. Should helicopter activity be deemed necessary during the breeding season, a nesting bird survey shall be conducted by a qualified avian biologist to determine whether any nesting birds and/or active nests are present within the boundaries of the project. If nesting birds are present and/or an active nest is discovered, helicopter activity shall be postponed until a qualified avian biologist confirms that nesting is complete and the young have fledged. Additionally, SDG&E shall coordinate with USFWS representative of the Sweetwater Marsh NWR and South San Diego Bay NWR (collectively, the San Diego Bay NWR), as well as the CDFG, to determine whether helicopter activities may potentially impact nesting birds within the reserves.	Helicopters will not be used for demolition of the South Bay Substation. Therefore, this measure does not apply.	Pre	N/A
Biological Resources	BIO-11	02	Helicopter activity during avian breeding season	Should helicopter activity be deemed necessary in the presence of known or potentially nesting birds following surveys, the applicant shall coordinate with USFWS to determine whether the occurrence of helicopter activity is acceptable during the breeding season at the proposed locations.	Helicopters will not be used for demolition of the South Bay Substation. Therefore, this measure does not apply.	Pre	N/A
Biological Resources	BIO-11	03	Helicopter activity during avian breeding season	Documentation of USFWS-approved helicopter use shall be provided to CPUC prior to helicopter activities occurring in the event that USFWS determines helicopter activities are permitted between February 15 and September 15.	Helicopters will not be used for demolition of the South Bay Substation. Therefore, this measure does not apply.	Pre	N/A
Cultural and Paleontological Resources	APM-CUL-01	01	Cultural and paleontological training	Prior to construction, all SDG&E, contractor, and subcontractor project personnel would receive training regarding the appropriate work practices necessary to effectively implement the APMs and to comply with the applicable environmental laws and regulations, including the potential for exposing subsurface cultural resources and paleontological resources and to recognize possible buried resources. This training would include presentation of the procedures to be followed upon discovery or suspected discovery of archaeological materials, including Native American remains, and their treatment, as well as of paleontological resources.	Cultural and paleontological resources were discussed at the supervisory-level environmental awareness training conducted on August 26, 2014 and will be discussed at subsequent crew trainings. SDG&E will continue to administer the worker environmental awareness 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 Reports during construction.	Pre	To Be Implemented Immediately Prior to Const.

Measure Category Title	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
Cultural and Paleontological Resources	APM-CUL-04	01	Paleontological monitoring	A qualified paleontologist would attend preconstruction meetings, as needed, to consult with the excavation contractor concerning excavation schedules, paleontological field techniques, and safety issues. A qualified paleontologist is defined as an individual with an MS or PhD in paleontology or geology who is experienced with paleontological procedures and techniques, 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.	The qualified paleontologist's resumes were provided to the CPUC on July 2, 2014. A qualified paleontologist will consult with the demolition contractor during routine Project construction meetings. A note has been included on the construction plans indicating the requirement for paleontological monitoring which has been provided to the CPUC as Attachment C to NTP 4.	Pre and During	To Be Implemented Immediately Prior to Const.
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.	No structures are being constructed for the South Bay Substation demolition; therefore, this measure is not applicable to this location.	Pre	N/A
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.	G-01 does not apply to dismantling of the existing South Bay Substation, as no new structures will be constructed.	Pre	N/A
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. The SWPPP annual report was submitted to the RWQCB on August 19, 2015.	Pre and During	To Be Implemented During Construction
Hydrology and Water 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.	Dewatering activities are not anticipated to be required during the demolition activities. Therefore, this measure is not applicable to this location.	Pre	N/A
Hydrology and Water 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

Measure Category Title	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
Land Use and Planning	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 was mailed to all residents and property owners within 300 feet of Project components on December 15, 2014.	Pre and During	Complete
Land Use and Planning	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 Attachment D: Revised Landowner Notice.	Pre and During	Complete
Land Use and Planning	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 residents about noise, dust, and other construction disturbance. Procedures for reaching the public liaison officer via telephone or in person shall be included in notices distributed to the public in accordance with Mitigation Measure L-1a.	Procedures for reaching the public liaison officer have been included in the construction 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.	Pre and During	To Be Implemented During Construction
Land Use and Planning	L-03	01	Port Master Plan Amendment	SDG&E shall submit a request to the Unified Port of San Diego to process a Port Master Plan amendment that would modify the land uses prescribed in the PMP to accommodate a land use plan for the alternative project site located within the Port Master Plan planning boundary.	Per the MMCRP, which was included as an attachment to the CPUC Decision Granting SDG&E a Permit to Construct the Project, this measure does not apply to the approved Project.	Pre	N/A
Noise	NOI-01	01	Noise ordinance	SDG&E shall conduct all construction activities in accordance with the City of Chula Vista Municipal Code allowable hours for construction unless otherwise approved by the City. For any evening and nighttime construction activities that are required outside of the permitted hours, SDG&E shall notice all property owners within 300 feet of the proposed work at least 1 week in advance of the construction activities. SDG&E shall notify the local jurisdiction and the California Public Utilities Commission prior to conducting any work that may deviate from the City noise ordinance. Nighttime work and the use of heavy construction equipment shall be limited to the extent practicable.	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. This measure will be implemented during construction if evening or night time work is required. In November 2015, the City of Chula approved extended construction hours to allow for construction to occur from 6:00 a.m. to 10:00 p.m. Monday through Sunday. A public notice mailer regarding the extended construction hours was sent to all landowners within 300 feet of the Project on November 17, 2015.	Pre and During	To Be Implemented During Construction

Measure Category Title	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
Public Health and Safety	APM-HAZ-01	01	Hazardous Substance Management and Emergency Response Plan	SDG&E would prepare and implement a project-specific Hazardous Substance Management and Emergency Response Plan during the construction period to reduce or avoid potentially hazardous materials for the purposes of worker safety, protection from groundwater contamination, and proper disposal of hazardous materials.	<p>The Hazardous Substance Management and Emergency Response Plan/Hazardous Site Assessment was approved by the CPUC on August 26, 2014.</p> <p>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.</p>	Pre and During	Complete
Public Health and Safety	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.	<p>Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014.</p> <p>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. Sign-in sheets for the subsequent crew trainings will be submitted as attachments to the Weekly Environmental Compliance Status Report during construction.</p>	Pre and During	To Be Implemented During Construction
Public Health and Safety	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.	<p>The Hazardous Substance Management and Emergency Response Plan/Hazardous Site Assessment was submitted to the CPUC and CCC on July 1, 2014; consolidated comments were received on July 25, 2014. A revised plan addressing the comments was submitted to the CPUC and CCC on August 1, 2014.</p> <p>SDG&E confirmed with the Department of Toxic Substances Control and Department of Health, that submittal of the Plan is not required on June 25, 2014.</p>	Pre	Complete

Measure Category Title	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
Public Health and Safety	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 submitted to the CPUC and CCC on July 1, 2014; consolidated comments were received on July 25, 2014. A revised plan addressing the comments was submitted to the CPUC and CCC on August 1, 2014. SDG&E confirmed with the Department of Toxic Substances Control and Department of Health, that submittal of the Plan is not required on June 25, 2014.	Pre	Complete
Public Health and Safety	HAZ-04	01	Fire prevention	Fires shall be prevented or minimized by exercising care when operating utility vehicles within the right-of-way and access roads and by parking vehicles away from dry vegetation where hot catalytic converters can ignite a fire.	Evidence of incorporation of specifications into construction contracts was submitted via email to the CPUC on June 3, 2014. Fire prevention measures as outlined in this measure will be implemented during construction.	Pre and During	To Be Implemented During Construction
Public Health and Safety	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.	This portion of the measure will be implemented during construction.	Pre and During	To Be Implemented During Construction
Public Services and 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 a planned service interruption is required during construction of the Project.	Pre and During	To Be Implemented During Construction
Transportation and 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.	This measure will be implemented during construction as defined. Verification that the requirements described in this measure were incorporated into construction contracts will be submitted to the CPUC prior to construction.	Pre and During	To Be Implemented During Construction
Transportation 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 for the Project. The Traffic Management Plan (TMP) was approved by the CPUC on September 26, 2014. A Traffic Control Plan (TCP) that is specific to the demolition of the South Bay Substation component may be obtained from the City of Chula Vista prior to initiation of construction activities when applicable.	Pre	To Be Implemented Immediately Prior to Const.

Location: South Bay Substation

Measure Category Title	MMNo	TaskNo	Mitigation Measure	Task Text	Comments	Timing	Status
Transportation and 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 in the Traffic Management Plan. Documentation of all encroachment permits or additional TCPs approved by the city will be submitted to the CPUC as applicable for demolition activities.	Pre	To Be Implemented During Construction
Transportation and 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.	This measure applies to grading and site development of the Bay Boulevard Substation. Therefore, this measure is not applicable to this location.	Pre and During	N/A
Transportation 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 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. This measure will be implemented during construction if evening or night time work is required.	Pre and During	To Be Implemented During Construction
Transportation and Traffic	TRA-05	01	Pedestrian access/bike routes	Where construction will result in temporary closures of sidewalks and other pedestrian facilities, SDG&E shall provide temporary pedestrian access through detours or safe areas along the construction zone. Any affected pedestrian facilities and the alternative facilities or detours that shall be provided will be identified in the traffic management plan. Where construction activity will result in bike route or bike path closures, appropriate detours and signs shall be provided.	Temporary closures of sidewalks and other pedestrian facilities are not anticipated for dismantling the South Bay Substation. Therefore, this measure is inapplicable for this location.	Pre and During	N/A
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 dismantling of the South Bay Substation. Therefore, this measure is not applicable for this component.	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 dismantling of the South Bay Substation. Therefore, this measure is not applicable for this component.	Pre	N/A
Transportation 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 dismantling of the South Bay Substation. Therefore, this measure is not applicable to this component.	Pre and During	N/A
Transportation and 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 this location. It is not anticipated that trenching activities along city streets will be necessary for South Bay Substation demolition activities.	Pre and During	N/A

ATTACHMENT C: SOUTH BAY SUBSTATION CONSTRUCTION PLAN



DEMOLITION NOTES:

GENERAL

1. THE CONTRACTOR WILL BE RESPONSIBLE FOR DISMANTLING AND DISPOSING OF ALL THE EQUIPMENT THAT THEY REMOVE FROM SERVICE (RFS) EXCEPT FOR THE 138/69KV POWER TRANSFORMER, CAP BANK, AND CIRCUIT BREAKERS; THESE WILL BE RETAINED BY SDG&E.
2. THE CONTRACTOR SHALL COMPLETELY REMOVE ALL ABOVE AND BELOW GRADE STRUCTURES (WIRE, CONDUIT, GROUND GRID, PIPING, SECURITY FENCE, CONCRETE FOUNDATIONS, ETC.) TO A DEPTH OF SIX FEET BELOW THE CURRENT YARD SURFACE. CONCRETE FOUNDATIONS THAT EXTEND BEYOND 6 FEET BELOW GRADE SHALL BE CUT OFF A MINIMUM OF 6 FEET BELOW GRADE.
3. BVCI WILL PROVIDE BINS AND/OR DESIGNATED TEMPORARY STAGING AREAS FOR COLLECTION OF RECYCLABLE METALS (STEEL, COPPER, ALUMINUM). CONTRACTOR SHALL PLACE MATERIALS INTO THESE BINS, INCLUDING CUTTING TO APPROPRIATE SIZE IF REQUIRED. BVCI WILL MANAGE TRANSPORT OF BINS TO A RECYCLING FACILITY. OTHER WASTE SHALL BE APPROPRIATELY DISPOSED OF BY CONTRACTOR IN ACCORDANCE WITH APPLICABLE LAWS.
4. THE CONTRACTOR SHALL BACKFILL ALL EXCAVATIONS AND LEVEL THE DEMOLITION AREAS TO MATCH THE SURROUNDING TERRAIN. IF REQUIRED, THE CONTRACTOR SHALL IMPORT CLEAN FILL TO COMPLETE THE WORK. ONLY SDG&E APPROVED SOILS SHALL BE USED FOR FILL.
5. CONTRACTOR IS RESPONSIBLE FOR ALL SITE TEMPORARY CONSTRUCTION FACILITIES, INCLUDING WATER, POWER, TRAILERS, ETCETERA, AS REQUIRED TO PERFORM THE WORK.
6. CONTRACTOR IS RESPONSIBLE FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING EROSION CONTROL MEASURES FOR THE DURATION OF THE WORK IN ACCORDANCE WITH THE PROJECT SWPPP PLAN.
7. THE CONTRACTOR SHALL SURVEY THE SITE AFTER DEMOLITION AND PREPARE AS-BUILT DRAWINGS DOCUMENTING THE LOCATION(S) OF THE BELOW GRADE STRUCTURES, IF ANY, THAT REMAIN AFTER COMPLETION OF THE DEMOLITION.
8. DISPOSAL OF INSULATING OIL FROM EQUIPMENT WILL BE PROVIDED BY SDG&E.
9. ALLOWABLE WORK HOURS SHALL BE 10 HOURS PER DAY, MONDAY THROUGH SATURDAY, OR AS APPROVED BY OWNER.

AIR QUALITY

1. ALL ACTIVE CONSTRUCTION AREAS, UNPAVED ACCESS ROADS, PARKING AREAS, AND STAGING AREAS WILL BE WATERED OR STABILIZED WITH NON-TOXIC SOIL STABILIZERS AS NEEDED TO CONTROL FUGITIVE DUST.
2. TRAFFIC SPEEDS ON UNPAVED ROADS AND THE ROW WILL BE LIMITED TO 15 MILES PER HOUR.
3. SDG&E WILL LIMIT ACTIVELY GRADED AREAS TO A CUMULATIVE TOTAL OF EIGHT ACRES PER DAY. THE TOTAL AREA OF DISTURBANCE CAN EXCEED THIS ACREAGE SO LONG AS THE ACTIVELY GRADED PORTION IS BELOW THIS THRESHOLD.

BIOLOGICAL RESOURCES

1. IF A RAPTOR NEST IS OBSERVED DURING PRE-CONSTRUCTION SURVEYS, A QUALIFIED BIOLOGIST WILL DETERMINE IF IT IS ACTIVE. IF THE NEST IS DEEMED INACTIVE, SDG&E, UNDER THE SUPERVISION OF A BIOLOGICAL MONITOR, WILL REMOVE AND DISMANTLE THE NEST PROMPTLY FROM EXISTING STRUCTURES THAT WILL BE AFFECTED BY PROJECT CONSTRUCTION. REMOVAL OF NESTS WILL OCCUR OUTSIDE OF THE RAPTOR BREEDING SEASON (JANUARY TO JULY). IF THE NEST IS DETERMINED TO BE ACTIVE, IT WILL NOT BE REMOVED AND THE BIOLOGICAL MONITOR WILL MONITOR THE NEST TO ENSURE NESTING ACTIVITIES AND/OR BREEDING ACTIVITIES ARE NOT DISRUPTED. IF THE BIOLOGICAL MONITOR DETERMINES THAT PROJECT ACTIVITIES ARE DISTURBING OR DISRUPTING NESTING ACTIVITIES, THE MONITOR WILL MAKE RECOMMENDATIONS TO REDUCE THE NOISE AND/OR DISTURBANCE IN THE VICINITY OF THE NEST.

CULTURAL RESOURCES

1. PRIOR TO CONSTRUCTION, ALL SDG&E, CONTRACTOR, AND SUBCONTRACTOR PROJECT PERSONNEL WILL RECEIVE TRAINING REGARDING THE APPROPRIATE WORK PRACTICES NECESSARY TO EFFECTIVELY IMPLEMENT THE APMS AND TO COMPLY WITH THE APPLICABLE ENVIRONMENTAL LAWS AND REGULATIONS, INCLUDING THE POTENTIAL FOR EXPOSING SUBSURFACE CULTURAL RESOURCES AND PALEONTOLOGICAL RESOURCES AND TO RECOGNIZE POSSIBLE BURIED RESOURCES. THIS TRAINING WILL INCLUDE PRESENTATION OF THE PROCEDURES TO BE FOLLOWED UPON DISCOVERY OR SUSPECTED DISCOVERY OF ARCHAEOLOGICAL MATERIALS, INCLUDING NATIVE AMERICAN REMAINS, AND THEIR TREATMENT, AS WELL AS OF PALEONTOLOGICAL RESOURCES.
2. IN THE EVENT THAT CULTURAL RESOURCES ARE DISCOVERED, SDG&E'S CULTURAL RESOURCE SPECIALIST AND ENVIRONMENTAL PROJECT MANAGER WILL BE CONTACTED AT THE TIME OF DISCOVERY. SDG&E'S CULTURAL RESOURCE SPECIALIST WILL DETERMINE THE SIGNIFICANCE OF THE DISCOVERED RESOURCES. SDG&E'S CULTURAL RESOURCE SPECIALIST AND ENVIRONMENTAL PROJECT MANAGER MUST CONCUR WITH THE EVALUATION PROCEDURES TO BE PERFORMED BEFORE CONSTRUCTION ACTIVITIES IN THE VICINITY OF THE DISCOVERY ARE ALLOWED TO RESUME. FOR SIGNIFICANT CULTURAL RESOURCES, A RESEARCH DESIGN AND DATA RECOVERY PROGRAM WILL BE PREPARED AND CARRIED OUT TO MITIGATE IMPACTS.
3. ALL COLLECTED CULTURAL REMAINS WILL BE CLEANED, CATALOGED, AND PERMANENTLY CURATED WITH AN APPROPRIATE INSTITUTION. ALL ARTIFACTS WILL BE ANALYZED TO IDENTIFY FUNCTION AND CHRONOLOGY AS THEY BE IDENTIFIED TO SPECIES.
4. A PALEONTOLOGICAL MONITOR SHALL BE ON SITE TO OBSERVE EXCAVATION OPERATIONS THAT INVOLVE THE ORIGINAL CUTTING OF PREVIOUSLY UNDISTURBED DEPOSITS WITH HIGH PALEONTOLOGICAL SOURCE SENSITIVITY (I.E. PLEISTOCENE BAY FRONT FORMATION).

HAZARDS AND HAZARDOUS MATERIALS

1. SDG&E WILL PREPARE AND IMPLEMENT A PROJECT-SPECIFIC HAZARDOUS SUBSTANCE MANAGEMENT AND EMERGENCY RESPONSE PLAN DURING THE CONSTRUCTION PERIOD TO REDUCE OR AVOID POTENTIALLY HAZARDOUS MATERIALS. FOR THE PURPOSES OF WORKER SAFETY, PROTECTION FROM GROUNDWATER CONTAMINATION, AND PROPER DISPOSAL OF HAZARDOUS MATERIALS.

TRANSPORTATION AND TRAFFIC

1. HEAVY-DUTY CONSTRUCTION VEHICLES AND EQUIPMENT WILL 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, WILL INSTEAD BE USED DURING THIS TIME.

WATER QUALITY

1. POTENTIAL IMPACTS TO WATER QUALITY WILL BE MINIMIZED THROUGH IMPLEMENTATION OF SDG&E'S WATER QUALITY CONSTRUCTION BMP MANUAL AND THE SWPPP DEVELOPED FOR THE PROJECT.

EROSION CONTROL

1. CONTRACTOR SHALL PROVIDE SOIL STABILIZATION BMPs TO ANY AREAS OF CONSTRUCTION THAT HAVE BEEN DISTURBED AND ARE NOT SCHEDULED TO BE RE-DISTURBED FOR AT LEAST 14 DAYS.
2. SOME OF THE SOIL STABILIZATION BMPs THAT CAN BE UTILIZED, AND CAN BE USED IN CONJUNCTION WITH EACH OTHER, OR USED WITH OTHER SOIL STABILIZATION AND SEDIMENT CONTROL BMPs TO REDUCE EROSION AND SEDIMENT AND POLLUTION TRANSPORT ARE:
 - HYDRAULIC MULCH (SS-3)
 - HYDROSEEDING (SS-4)
 - SOIL BINDERS (SS-5)
 - STRAW MULCH (SS-6)
 - ROLLED EROSION CONTROL PRODUCTS (SS-7)
 - WOOD MULCH (SS-8)

LEGEND:



FACILITIES TO BE DEMOLISHED

REFERENCE DRAWINGS:

- | | |
|---|-----------------|
| 138/69KV YARD DEMOLITION PLAN | SY-S-501-DEMO |
| 138/69KV YARD DEMOLITION PLAN | SY-S-501.1-DEMO |
| DEMOLITION SECTIONS | SY-S-536-DEMO |
| DEMOLITION SECTIONS | SY-S-537-DEMO |
| BELOW GRADE CONDUIT AND CABLE DEMOLITION PLAN | SY-E-979-DEMO |

ESTIMATED DEMOLITION QUANTITIES	
MATERIAL	QUANTITY
STEEL	300 TONS
COPPER	25 TONS
CONCRETE	1,492 CY
REFUSE	30 TONS
IMPORTED FILL	3,950 CY

REVISIONS

NO.	WORK DONE	DATE	BY	APP'D	NO.	WORK DONE	DATE	BY	APP'D	NO.	WORK DONE	DATE	BY	APP'D	NO.	WORK DONE	DATE	BY	APP'D	
										0	ISSUED FOR PORT APPROVAL	6/13/16	JSH							

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA
SOUTHBAY SUBSTATION
DEMOLITION PLAN

DRAWN BY:	DATE:	SCALE:	V.D.:	REV:	0
CHECKED BY:	DATE:	INT V.D.:			
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE:	1 = 1			

SY-SITE-DEMO