

**PUBLIC UTILITIES COMMISSION**

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298

March 17, 2006

Alan Colton  
Project Manager  
San Diego Gas & Electric  
8315 Century Park Court, CP21G  
San Diego, CA 92123-1548

**RE: Otay Mesa Power Purchase Agreement Transmission Project - Notice to Proceed #4 (NTP #4)**

Dear Mr. Colton:

San Diego Gas & Electric (SDG&E) has requested authorization from the California Public Utilities Commission (CPUC) to commence construction on the Otay Mesa Power Purchase Agreement Transmission Project (OMPPA) from the intersection of Harbor Drive and Sicard Street to the Old Town Substation (Segment 5). Construction of Segment 5 includes installation of approximately seven miles of 230 kV cable within the City of San Diego.

The OMPPA Project was evaluated in accordance with the California Environmental Quality Act and a Certification of Public Convenience and Necessity (CPCN) was granted by the CPUC on June 30, 2005. **NTP #4 is granted by the CPUC for the proposed construction activities based on the following factors:**

- The Environmental Impact Report for the OMPPA Project defined required mitigation measures to be implemented prior to project construction. The relevant mitigation measures for Segment 5 are summarized in *Attachment A*. SDG&E's compliance with the pre-construction component for each measure is noted in the status table.
- Construction activities authorized by NTP #4 are limited to the approved right-of-way and workspaces between mileposts 45 and 52.
- **The conditions noted below shall be met by SDG&E and its contractors:**
  - Copies of all relevant permits, compliance plans (i.e. MMCRP, SWPPP, HSCERP, etc.), and this Notice to Proceed shall be available on-site for the duration of construction activities. Copies of permits shall be provided to the CPUC upon request.
  - All crew personnel shall be appropriately trained on environmental issues, including requirements of the MMCRP, prior to starting work at the substation. A log shall be maintained on-site with the names of all crew personnel trained and submitted to the CPUC on a monthly basis.

- SDG&E shall supplement the notices distributed to residents within 300 feet of the right-of-way on January 30, 2006 with door hangers indicating that construction is underway. The project hotline number should be included on the door hangers.
- Excavation for the underground cable or transition cable pole shall not occur at the corner of Schley Street and Harbor Drive until written authorization has been provided by the CPUC.
- SDG&E shall provide to the CPUC any individual discharge permits and/or agreements with local sanitary sewer system operators prior to discharging trench water that is not otherwise covered by NPDES General Permit 99-08.

Sincerely,

Billie Blanchard  
CPUC Environmental Project Manager

cc: A. Keochekian

**Attachment A**

**Pre-construction Mitigation Measure Requirements**

**Segment 5**

# Mitigation Measures

*Otay Mesa Power Purchase Agreement Transmission Project  
Mitigation Monitoring Program  
Pre-construction Measures Segment 5 Only*

<i>Impact</i>	<i>No.</i>	<i>Source</i>	<i>Timing</i>	<i>Segments</i>	<i>Mitigation</i>	<i>Action</i>	<i>Monitoring</i>	<i>Status</i>
Air Quality	A-3	APM-59	Pre- and During Construction	All	If suitable park and ride facilities are available in the project vicinity, construction workers shall be encouraged to carpool to the job site to the extent feasible. The ability to develop an effective carpool program for the project would depend upon the proximity of carpool facilities to the job site, the geographical commute departure points of construction workers, and the extent to which carpooling would not adversely affect worker show-up time and the project's construction schedule.	SDG&E to implement measures as defined, and incorporate commitments into construction contracts.	SDG&E to provide verification of carpool program to the CPUC at least 60 days prior to or shorter where practicable construction in order to minimize construction-related emissions.	PRE-CONSTRUCTION COMPONENT COMPLETE  Bid walk notes and contract specification summary was submitted on November 7, 2005. Item IX-n describes car pooling requirement.  Supervisory level training slides submitted on November 3, 2005. Slide 96 discusses air quality and encourages car pooling.
Biology	B-3d	MM B-3d	Pre- and During Construction	All	Impacts to Raptors  1) Prior to construction, SDG&E shall remove all existing raptor nests from structures that would be affected by project construction. Golden eagle nests will be removed upon consultation with USFWS.  2) Removal of nests shall occur outside the raptor breeding season (January to July).  3) If it is necessary to remove an existing raptor nest during the breeding season, a qualified biologist, approved by the CPUC prior to the start of construction, shall survey the nest prior to removal to determine if the nest is active. If the nest is inactive, it shall be removed promptly. If a nest is determined to be active, the nest shall not be removed and the biologist shall monitor the nest to ensure nesting activities/breeding activities are not disrupted. If the biological monitor determines that project activities are disturbing or disrupting nesting activities, the monitor shall make recommendations to reduce the noise and/or disturbance within 500 feet of the nest.	SDG&E to implement APMs and mitigation measures as defined and incorporate commitments into construction contracts.	SDG&E to provide survey report documentation to CPUC regarding avoidance and USFWS/CDFG concurrence as necessary. CPUC to inspect periodically during construction in order to ensure successful avoidance if possible/or if not possible implementation of USFWS/CDFG approved measures deemed necessary.	PRE-CONSTRUCTION COMPONENT COMPLETE  SITE RECONAISSANCE AND ASSESSMENT OF NESTS REQUIRED PRIOR TO CONSTRUCTION FOR SEGMENT 2  (3) BIOLOGIST APPROVAL COMPLETE (1) SDG&E TO PROVIDE PSR OR OTHER DOCUMENTATION PRIOR TO CONSTRUCTION  Project biologists resumes submitted on September 30, 2005. Dudek, SDG&E's Environmental Monitor, and SDG&E's engineer drove the ROW from Fanita Junction to Sycamore Canyon Substation. Approximately three raptor nests were identified. The project biologist will make a determination of whether the nest should be removed as construction progresses. A decision on removal should be made by December 1, as recommended by the CPUC third-party monitor.
Cultural Resources	C-2a	MM C-2a	Pre-construction	All	Prepare Cultural Resources Treatment Plan.  SDG&E shall develop a Cultural Resources Treatment Plan (CRTP). The CRTP shall include procedures for protection and avoidance of Environmentally Sensitive Areas (ESAs) and archeological high-probability areas; evaluation and treatment of the unexpected discovery of cultural resources including Native American burials; detailed reporting requirements by the Project Archeologist; curation of any cultural materials collected during the Project, and requirements to specify that archeologists and other discipline specialists meet the Professional Qualification Standards mandated by the California Office of Historic Preservation. The CRTP shall also include the training program described in APM 7 for construction workers, procedures for protection and avoidance. Specific protective measures shall be defined in the CRTP to reduce potential adverse impacts on any presently undetected cultural resources to less than significant levels. The CRTP shall be submitted to the CPUC for review and approval at least 30 days before the start of construction. The CRTP shall define construction procedures for areas near known/recorded cultural sites.	SDG&E to provide CRTP.	CPUC to review and approve CRTP to ensure that cultural resources are protected and properly managed.	MITIGATION MEASURE COMPLETE  Cultural Resource Treatment Plan prepared by Kyle Consulting submitted on October 11, 2005 and re-submitted with CPUC requested edit to page 13 on October 18, 2005. CRTP includes training program. Supervisory level training held on December 2, 2005.

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Cultural Resources	C-2c	APM 7	Pre-construction	All	Prior to construction, all SDG&E, contractor, and subcontractor project personnel shall receive training regarding the appropriate work practices necessary to effectively implement the Protocols and to comply with the applicable environmental laws and regulations. To assist in this effort, the training shall address: a). federal, state, local, and tribal laws regarding antiquities, including collection and removal; b). the importance of these resources and the purpose and necessity of protecting them; and c). methods for protecting sensitive cultural resources.	SDG&E to conduct training program as described.	SDG&E to provide to the CPUC documentation demonstrating implementation of the training program.	PRE-CONSTRUCTION COMPONENT COMPLETE  Supervisory Team Environmental Training agenda and slides submitted on October 11. Supervisory level training slides submitted November 3, 2005. Crew training material submitted November 3, 2005. Supervisory level training held on December 2, 2005.
Geology and Soils	G-2	MM G-2a	Design	3,5	Minimize Project Structures within Active Fault Zone. The underground design shall take into account any active fault crossing by implementing appropriate engineering design and construction measures. Appropriate design measures could include any crossing of an active fault shall be made as close to perpendicular to the fault as possible to make the segment cross the shortest distance within an active fault zone. For underground crossings of active or potentially active fault traces, oversize the cable vaults on either side of the fault, leaving as much slack as possible in the cables. The underground cable installation in the shortest feasible segments, with splice vaults and manholes located as close as possible outside of the fault zone in order to minimize the area where post-earthquake repairs may be required. A rebar reinforcement duct bank design that will increase the ductility of the duct bank at key locations can also be used. Adequate supplies of spare cable sections shall be maintained by SDG&E for rapid repair after an earthquake-caused failure. For aboveground installations such as transition stations, SDG&E shall follow standard design codes for facilities in seismic zones.	SDG&E to implement measures as defined and provide copies of geotechnical evaluations to the CPUC.	CPUC to verify that design has incorporated specific conditions to remediate impacts caused by ground rupture.	COMPLETE  Letter submitted by SDG&E's engineer on February 9, 2006 confirming that the geotechnical investigation were considered in the final design for steel pole and cable pole foundations on Segments 2 through 4. Foundation designs meet California General Order 95 according to the signed and stamped letter.  Letter submitted by SDG&E's engineer on March 13, 2006 confirming that the project design considered active faults and appropriate measures, such as positioning manholes outside the fault line, where incorporated into the final design.
Geology and Soils	G-3	MM G-3a	Design	All	Geotechnical Investigations for Liquefaction and Slope Instability. The Applicant 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 for both overhead and underground project facilities 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. SDG&E shall submit a report of the required investigations to the CPUC for review and approval at least 60 days or shorter review periods where practicable before construction.	SDG&E to implement measures as defined and provide copies of geotechnical evaluations to the CPUC.	CPUC to verify that design has incorporated specific conditions to remediate impacts caused by ground failures including liquefaction.	COMPLETE  Geotech report (URS, February 25, 2005) for Segment 2 submitted to CPUC on Marsh 28, 2005.  Geotechnical Investigation for the Proposed SDG&E Sycamore Canyon Substation (Woodward-Clyde, 1992) was submitted on October 11, 2005. Report concluded that liquefaction probability is low and no evidence of historic landslides was noted. Supplemental report by URS dated January 5, 2005 was also submitted on October 11.  CAD files submitted to Dudek on October 27, 2005 for the final pole design for Segment 1.  Geotechnical Investigation for the Miguel to Mission #2 Project was submitted on October 11, 2005. Pole 1410 on the Miguel to Mission project correlates to the Fanita Junction area of the OMPPA project. The report does not note liquefaction potential at Fanita Junction. Page 4-1 describes the landslide potential for the Sycamore Canyon area (within the Friars Formation), but does not list a hazard for the pole 1410.  Letter submitted by SDG&E's resident engineer on November 8, 2005 certifying that the final design complies with the seismic force provisions of the IEEE 693.  Letter submitted by SDG&E's engineer on February 9, 2006 confirming that the geotechnical investigation were considered in the final design for steel pole and cable pole foundations on Segments 2 through 4. Foundation designs meet California General Order 95 according to the signed and stamped letter.  Letter submitted by SDG&E's engineer on March 13, 2006 confirming that the project design for the underground segments considered unstable soils. Measures to mitigate for unstable soils include lateral steel reinforcement of the duct bank.

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Geology and Soils	G-4	MM G-4a	Design	All	Geotechnical Surveys for Landslides. The Applicant shall perform design-level geotechnical surveys to evaluate the potential for unstable slopes, landslides, earth flows, and debris flows along the approved transmission line route and in the vicinity of other project facilities. Based on these surveys, approved project facilities shall be located away from very steep hillsides, debris flow source areas, the mouths of steep sidehill drainages, and the mouths of canyons that drain steep terrain. A report documenting these surveys shall be submitted to the CPUC for review and approval at least 60 days or shorter review periods where practicable before construction.	SDG&E to implement measures as defined and provide copies of geotechnical evaluations to the CPUC.	CPUC to verify that design has incorporated specific conditions to remediate tower or offsite damage due to failure of unstable slopes.	PRE-CONSTRUCTION COMPONENT COMPLETE  Geotech report (URS, February 25, 2005) for Segment 2 submitted to CPUC on March 28, 2005.  Geotechnical Investigation for the Mission- Miguel #2 Project (URS, 2004) was submitted on October 11, 2005. Pole number 1410 listed in the report is in the same area as the two new steel poles that will be installed on Segment 1. According to the report, the Fanita Junction area is not listed as a known or suspected slide area (page 4-1).  Geotechnical investigations for Segment 5 (Ninyo and Moore, November 19, 2004) was submitted on January 27, 2005. Landsliding is discussed on page 7 of the report. The report concludes that no landslides or indications of landsliding were noted along the proposed alignment.  CAD files submitted to Dudek on October 27, 2005 for the final pole design for Segment 1. Letter submitted by SDG&E's engineer on February 9, 2006 confirming that the geotechnical investigation were considered in the final design for steel pole and cable pole foundations on Segments 2 through 4. Foundation designs meet California General Order 95 according to the signed and stamped letter.
Hazardous Materials	HAZ-1a	APM-7	Pre-construction	All	Prior to construction, all SDG&E, contractor, and subcontractor project personnel shall receive training regarding the appropriate work practices necessary to effectively comply with the applicable environmental laws and regulations, including, without limitation, hazardous materials spill prevention and response measures and SWPPP BMPs.	Plans to be submitted to CPUC and San Diego County Department of Environmental Health. SDG&E to incorporate measure into construction contracts.	SDG&E to submit evidence of training in order for the CPUC to verify.	PRE-CONSTRUCTION COMPONENT COMPLETE  Same as MM C-2c and APM 7.  Agenda for kick-off training submitted on October 11, 2005. Supervisory level training slides submitted November 3, 2005. Crew training material submitted November 3, 2005. Supervisory level training held on December 2, 2005.  Supervisory level training slides submitted November 3, 2005. Crew training material submitted November 3, 2005.
Hazardous Materials	HAZ-1d	APM-32	Pre- and During Construction	All	A hazardous substance management, handling, storage, disposal, and emergency response plan would be prepared and implemented and hazardous material spill kits would be maintained onsite for small spills. As described in APM 38, which provides for preparation of a SWPPP, BMPs will be developed to address hazardous substances and an emergency response plan.	Plans to be submitted to CPUC and San Diego County Department of Environmental Health.	CPUC to verify.	PRE-CONSTRUCTION COMPONENT COMPLETE  SDG&E submitted HSCERP on November 9, 2005. SDG&E forwarded email from Nasser Sionit (Site Assessment and Mitigation Program, Department of Environmental Health) verifying DEH review and approval. DEH comments incorporated into revised HSCERP plan which was provided electronically to Dudek on November 18, 2005. Official letter from DEH received on November 28, 2005.
Hazardous Materials	HAZ-1e	APM-38	Pre- and During Construction	All	Secure any required General Permit for Storm Water Discharges Associated With Construction Activity (NPDES permit) authorization from the State Water Resources Control Board and/or the RWQCB to conduct construction-related activities to build the project and establish and implement a SWPPP erosion control measures during construction to minimize hydrologic impacts in areas sensitive from flooding or siltation into waterbodies.	SDG&E to implement measure as defined.	SDG&E to submit permits and SWPPP to the CPUC.	PRE-CONSTRUCTION COMPONENT COMPLETE  (Refer to MM H-1f)

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Hazardous Materials	HAZ-4a	MM Haz-4a	Pre-construction	All	Documentation of Compliance.  SDG&E shall implement APMs 7, 32 and 33 at the transition station and at substations, and shall document compliance by (a) submitting to the CPUC for review and approval an outline of the proposed Environmental Training and Monitoring Program, (b) providing a list of names of all operations personnel (e.g., construction foreman and superintendents) who have completed the training program, and (c) providing a copy of the Spill Prevention, Control, and Countermeasures Plan (SPCCP) as required by Title 40 CFR Section 112.7 to the CPUC for review and approval at least 60 days before the start of operation.	SDG&E to implement measures as defined. SDG&E to incorporate measure into construction contracts.	CPUC to review documentation provided; to verify training of all personnel and review and approve SPCCP to ensure that personnel are trained to respond to accidents or discoveries of hazardous materials.	MITIGATION COMPLETE  Agenda for kick-off training submitted on October 11, 2005. Supervisory level training slides submitted November 3, 2005. Crew training material submitted November 3, 2005. Supervisory level training held on December 2, 2005.  Revised sections of the SPCC plans for the Sycamore Canyon and Miguel Substations submitted on February 17, 2006.
Hazardous Materials	HAZ-1f	MM Haz-1a	Pre-construction	All	Review of training and response plan. The Environmental Training and Hazardous Substance Control and Emergency Response Plan proposed by APM 7, 16 and 32 shall be reviewed and approved by the CPUC and San Diego County Department of Environmental Health, Hazardous Materials Division.	SDG&E to implement measure as defined.	CPUC to verify to ensure that potential exposure of workers, the public or the environment to hazardous materials in contaminated soil and/or groundwater has been minimized.	PRE-CONSTRUCTION COMPONENT COMPLETE  See Haz 1d (APM-32)
Hydrology	H-1f	APM-38	Pre-construction	All	Secure any required General Permit for Storm Water Discharges Associated With Construction Activity (NPDES permit) authorization from the State Water Resources Control Board and/or the RWQCB to conduct construction-related activities to build the project and establish and implement a SWPPP erosion control measures during construction to minimize hydrologic impacts in areas sensitive from flooding or siltation into water bodies.	SDG&E to implement measure as defined.	CPUC to verify and ensure RWQCB approval, and require SDG&E to submit NPDES permit and SWPPD to the CPUC thereby minimizing water quality impacts.	PRE-CONSTRUCTION COMPONENT COMPLETE  SWPPPs submitted for Segment 1 and Sycamore Canyon Substation. SWPPP for Sycamore substation contained proof of mailing to SWRCB, but no WDID. Segment 1 did not have mailing receipt or WDID. CPUC/Dudek to verify WDID in field during construction. SWPPP for the Miguel Substation submitted on January 9, 2006. SWPPP for Miguel Substation to South Bay Power Plant submitted on January 9, 2006. SWPPP for South Bay Power Plant to Old Town Substation submitted on February 14, 2006.  (Same as MM Haz-1e)
Hydrology	H-1i	APM-55	Pre-construction	All	Erosion Control and Sediment Transport Control Plan shall be included with the project grading plans submitted to San Diego County for review and comment. The sediment transport control plan would be prepared in accordance with the standards provided in the Manual of Erosion and Sedimentation Control Measures and consistent with practices recommended by the Resource Conservation District of San Diego County. Implementation of the plan would help stabilize soil in graded areas and waterways and reduce erosion and sedimentation. The plan shall designate BMPs that would be implemented during construction activities. Erosion control efforts, such as hay bales, water bars, covers, sediment fences, sensitive area access restrictions (e.g., flagging), vehicle mats in wet areas, and retention/ settlement ponds, shall be installed before extensive soil clearing and grading begins. Mulching, seeding, or other suitable stabilization measures shall be used to protect exposed areas during construction activities. Revegetation plans, the design and location of retention ponds and grading plans would be submitted to the CDFG and Corps for review in the event of construction near waterways. As described in APM 38, which provides for preparation of a SWPPP, BMPs will be developed to address erosion control and sediment transport.	SDG&E to implement measure as defined and incorporate commitments into construction contracts.	CPUC to ensure that commitments have been incorporated into construction contracts. CPUC to inspect periodically to ensure minimization of disturbance and erosion.	PRE-CONSTRUCTION COMPONENT COMPLETE  SDG&E to use SWPPP as Erosion Control and Sediment Transport Control Plan. Refer to measure APM-38 (H-1f).

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Hydrology	H-2b	APM-32	Pre-construction	All	A hazardous substance management, handling, storage, disposal, and emergency response plan shall be prepared and implemented. As described in APM 38, which provides for preparation of a SWPPP, BMPs will be developed to address hazardous substances and an emergency response plan.	SDG&E to implement measure as defined.	CPUC to verify approval from San Diego County thereby minimizing the risk of accidental release, containing and properly disposing of hazardous materials.	PRE-CONSTRUCTION COMPONENT COMPLETE  (See Haz- 1a)
Hydrology	H-5	MM H-5a	Design	3,4,5	A scour analysis shall be completed during the design phase to determine potential cable washout dangers commonly associated with major flood events for all 100-year floodplain or water courses crossed by the underground cable. A report of the analysis shall be submitted to the CPUC for review and approval at least 60 days or shorter review period where practicable prior to construction.	SDG&E to implement measure as defined.	CPUC to review and approve engineering analysis thereby minimizing scour and erosion.	Not applicable to approved route.
Land Use	L-3a	MM L-3a	Pre- and During Construction	All	Provide Construction Notification and Minimize Construction Disturbance.  1) SDG&E or its construction contractor shall provide advance notice, between two and four weeks prior to construction, by mail to all residents or property owners within 300 feet of the alignment. The announcement shall state specifically where and when construction will occur in the area. Notices shall provide tips on reducing noise intrusion, for example, by closing windows facing the planned construction. 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.  2) SDG&E shall construct during the night in areas where a local jurisdiction requests such timing to reduce construction disruption, if it can be demonstrated that significant noise impacts would not occur. Whether requested by either SDG&E or the local jurisdiction, SDG&E shall provide written evidence of local jurisdiction approval to the CPUC prior to the start of any night work and proposed mitigation measures for any residents or other sensitive land uses that would be affected by nighttime construction.	SDG&E shall conduct public notification as defined.	SDG&E to provide CPUC with construction notices for review and approval at least 60 days prior to construction. Notices to provide advanced notice of construction activities in order to limit noise, dust, and disruption impacts.	PRE-CONSTRUCTION COMPONENT COMPLETE  SDG&E TO DISTRIBUTE DOOR HANGERS ONE WEEK PRIOR TO CONSTRUCTION IN ANY GIVEN AREA  Public outreach material submitted to CPUC on November 22, 2005 and revised and re-submitted on December 19, 2005. Public notices were distributed on January 30, 2006. SDG&E submitted mailing receipt to Dudek on February 9, 2006 indicating that 2500 notices were mailed.  No sensitive receptors within 300 feet of Segment 1 and Sycamore Canyon Substation.
Land Use	L-3b	MM L-3b	Pre-construction	All	Provide Public Liaison Person and Information Hotline.  SDG&E shall identify and provide a public liaison person 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-3a. SDG&E shall also establish a telephone number for receiving questions or complaints during construction and shall develop procedures for responding to callers. Procedures shall be submitted to the CPUC for review and approval prior to construction and bi-monthly reports summarizing public concerns shall be provided to the CPUC during construction.	SDG&E to provide public liaison and telephone number.	SDG&E to provide procedures and bi-monthly reports to the CPUC for review and approval prior to and during construction, and provide evidence to the CPUC that a liaison person has been identified to address public concerns.	PRE-CONSTRUCTION COMPONENT COMPLETE  Public outreach material submitted to CPUC on November 22, 2005 and revised and re-submitted on December 19, 2005.  The project hotline number is 1-866-293-9364. SDG&E is in the process of developing a project website that will include public notices and other project related information. J.C. Thomas (SDG&E) has been assigned as the public liaison. The web address is www.sdge.com/otay-metro.  SDG&E submitted public outreach material for distribution on November 22, 2005 for CPUC review. CPUC is currently reviewing the material content.  An aerial map showing residences within 300 feet of the project alignment was provided by SDG&E on November 28, 2005. There are no residences within 300 feet of Segment 1, 1a, or the Miguel storage yard.  SDG&E reported that Terry Hall from Sea Port Village left a message on the 800 number on January 26, 2006 requesting a meeting to discuss the construction schedule.  SDG&E submitted customer contact form on February 24 for the period of 2/1 to 2/17.

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Land Use	L-3f	APM-46	Design	All	To the extent feasible during final engineering design, coordinate the installation location of the project facilities line with landowners and/or the government agency having jurisdiction and/or the local government having an interest in the location of the facilities. When SDG&E cannot resolve facility locations in coordination with affected property owners that create the least potential impact to property and that are mutually acceptable to property owners, SDG&E would pay just compensation to those property owners based on the facility locations identified by SDG&E.	SDG&E to implement measure as defined.	SDG&E to provide documentation substantiating coordination efforts to minimize displacement impacts to land use.	PRE-CONSTRUCTION COMPONENT COMPLETE FOR SEGMENTS 1, 2, AND 5  SDG&E TO PROVIDE DOCUMENTATION OF LANDOWNER AGREEMENT FOR SICARD STREET TRANSITION CABLE POLE.  Email forwarded from David Boyer, Director, Natural Resources Division Environmental Management Department, MCAS Miramar to SDG&E on November 23, 2005 documenting coordination with MCAS Miramar for construction on Segment 1.  SDG&E stated that McMillian Realty requested that SDG&E move Pole 130 approximately 60 feet to the east in order minimize loss parking spaces. The new pole location would site the pole outside the parking area. See photos dated February 1 (land use).  The Little Leage requested that SDG&E move Pole 250 approximately 50 feet to the east in order minimize loss parking spaces. The new pole location would site the pole outside the parking area. See photos dated February 1 (land use).  SDG&E submitted notes from a meeting with Chula Vista's Planning and Parks & Recreation Department to Dudek on January 20, 2006. The meeting was held on January 19 with Gary Williams (CV Planning), Joe Gamble (CV Recreation) and Shannon Keithley (SDG&E).  SDG&E submitted log of coordination efforts between November 3, 2005 and March 9, 2006 documenting coordination efforts with city officials, businesses, and organizations in San Diego, National City, and Chula Vista.
Land Use	L-4	MM L-4a	Pre- and During Construction	All	Project variances shall be strictly limited to minor project changes (such as, movement of proposed transmission structure within an existing parking lot) that will not trigger other permit requirements and does not increase the severity of an impact to a level of significance or create a new significant impact, and that clearly and strictly complies with the intent of APMs 45 and 46. All project variances and supporting documentation regarding coordination with affected property owners shall be submitted to the CPUC for review and approval at least 60 days or shorter review periods where practicable prior to construction.	SDG&E to implement measure as defined.	SDG&E to provide documentation substantiating coordination efforts to CPUC for review and approval at least 60 days or shorter review periods where practicable prior to construction.	ON-GOING MEASURE
Land Use	L-5a	MM L-5a	Pre- and During Construction	2,3,4,5	Avoid peak recreational usage.  SDG&E shall not schedule construction during times of peak usage (i.e., as defined by and coordinated with the recreational facility operators) at the following recreational areas and provide documentation substantiating coordination efforts with various affected recreational parks to the CPUC for review and approval prior to construction:  Bonita Long Canyon Park, Discovery Park, Sunridge Park, Sunbow Park, Greg Rogers Park, Palomar Park, Rienstra Ballfields, Loma Verde Park, SDG&E Park, Pepper Park, Marina View Park , Chula Vista Bayfront Park, Bay Boulevard Park, Sweetwater Marsh, National Wildlife Refuge, Pepper Park, Cesar Chavez Park, Chicano Park, Crosby Street Park, Martin Luther King Junior Promenade, Pantoja Park, San Diego River.  Any other recreational resource the CPUC determines to be impacted by construction. If the CPUC determines another recreational resource is being impacted during peak recreational hours, SDG&E shall reschedule the appropriate construction activities such that they occur outside times of peak usage (i.e., as defined by and coordinated with the recreational facility operators).	SDG&E to implement measure as defined.	SDG&E to provide documentation substantiating coordination efforts with various affected recreational parks to the CPUC for review prior to construction to verify compliance and ensure minimization of disruption to peak recreational use.	PRE-CONSTRUCTION COMPONENT COMPLETE  SDG&E submitted meeting minutes on January 20, 2006 documenting coordination with City of Chula Vista's planning and recreation departments (Gary Williams and Joe Gamble). SDG&E to contact Joe Gamble and Ed Hall to schedule access closures and public notices. Construction schedule to be submitted to the City.

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Noise	N-1b	MM N-1b	Pre-construction	All	<p>Provide advance notice of construction.</p> <p>SDG&amp;E or its construction contractor shall provide advance notice, between two and four weeks prior to construction, by mail to all sensitive receptors and residences within 300 feet of construction sites, staging areas, and access roads. The announcement shall state specifically where and when construction will occur in the area. SDG&amp;E shall also publish a notice of impending construction in local newspapers, stating when and where construction will occur. Prior to public notification, copies of all notices shall be submitted to the CPUC for review and approval.</p>	SDG&E shall conduct public notification as defined.	SDG&E to provide CPUC with construction notices for review and approval to ensure advance notice has been given. SDG&E to provide the CPUC with copies of notices sent out and as published in local newspapers.	<p>PRE-CONSTRUCTION COMPONENT COMPLETE</p> <p>SDG&amp;E TO DISTRIBUTE DOOR HANGERS ONE WEEK PRIOR TO CONSTRUCTION IN ANY GIVEN AREA</p> <p>(See L-3a)</p> <p>Public notices were distributed on January 24, 2006. SDG&amp;E submitted mailing receipt to Dudek on February 9, 2006 indicating that 2500 notices were mailed.</p>
Noise	N-1c	MM N-1c	Pre- and During Construction	All	<p>Provide liaison for construction nuisance complaints. SDG&amp;E shall identify and provide a public liaison person before and during construction to respond to concerns of neighboring receptors, including residents, about noise 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 N-1b. SDG&amp;E shall also establish a toll free telephone number for receiving questions or complaints during construction and develop procedures for responding to callers. Prior to public notification, procedures included in the notices shall be submitted to the CPUC for review and approval. SDG&amp;E shall provide to the CPUC a bi-monthly letter report on the number of calls received and a summary of caller concerns and how concerns were addressed.</p>	SDG&E to provide public liaison and telephone numbers.	SDG&E to provide bi-monthly letter report on the number of calls received and a summary of caller concerns and how concerns were addressed in order to provide evidence of how complaints were resolved.	<p>PRE-CONSTRUCTION COMPONENT COMPLETE</p> <p>(See Mitigation Measure L-3a)</p>
Traffic	T-1a	MM T-1a	Pre- and During Construction	2,3,4,5	<p>Prepare Traffic Control Plans.</p> <p>Prior to the start of construction SDG&amp;E shall submit Traffic Control Plans (TCPs) as required by all agencies with jurisdiction of public roads that would be affected by overhead and underground construction activities as part of the required traffic encroachment permits or existing franchise agreements. 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. Input and approval from the responsible public agencies shall be obtained; copies of approval letters from each jurisdiction must be provided to the CPUC prior to the start of construction within that jurisdiction. The TCPs shall define the use of flag persons, warning signs, lights, barricades, cones, etc. according to standard guidelines outlined in the Caltrans Traffic Manual for Construction and Maintenance Work Zones (1996 [Revision 2] edition), the Standard Specifications for Public Works Construction, and the Work Area Traffic Control Handbook (WATCH). Documentation of the approval of these plans, consistency with SDG&amp;E's utility franchise agreements, and issuance of encroachment permits (if applicable) shall be provided to the CPUC prior to the start of construction activities that require temporary closure of a public roadway. Additionally, SDG&amp;E shall coordinate with the California Highway Patrol for crossing of all freeways and state routes identified in Table D.12-1.</p>	SDG&E to prepare TMPs as defined.	SDG&E to provide documentation of coordination with affected public jurisdictions as stipulated in the measure and SDG&E confirmation with all required conditions to ensure traffic flows would be generally maintained without severe congestion.	<p>SEGMENT 2 PENDING SUBMITTAL OF TCP to jurisdictional agency. Encroachment permits, if required, to be submitted to CPUC prior to road closures.</p> <p>PRE-CONSTRUCTION COMPONENT COMPLETE FOR SEGMENTS 4 and 5</p> <p>N/A for SEGMENTS 1, 1a, and 2a</p> <p>Electronic version of Traffic Control Plans submitted for Segments 3, 4, and 5 on November 1, 2005. Hard copies submitted to Dudek/CPUC on January 25, 2006. SDG&amp;E submitted stamped traffic control plans from the City of San Diego (Segments 4 and 5) on February 14, 2006.</p>
Traffic	T-4	MM T-4a	Pre-construction	2,3,4,5	<p>SDG&amp;E shall coordinate with MTDB in preparing the Transportation Management Plans (TMPs) as recommended in Mitigation Measure T-1a. The TMP shall include the requirement to install signs to direct people to alternate transit stops locations as recommended by MTDB.</p>	SDG&E to implement measure as defined.	SDG&E to provide documentation of coordination with MTDB to ensure that the project would not disrupt public transit.	<p>PRE-CONSTRUCTION COMPONENT COMPLETE FOR SEGMENTS 2, 3, 4 and 5</p> <p>N/A for SEGMENTS 1, 1a, and 2a</p> <p>Email correspondence forwarded to Dudek on February 16, 2006. Original email from David Berryman (MTS/SANDAG, 619.699.7323) indicating coordination between SDG&amp;E, MTS, and Rail America.</p>

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Traffic	T-5	MM T-5a	Pre-construction	2,3,4,5	<p>Pedestrian and bicycle circulation and safety.</p> <p>Where construction will result in temporary closures of sidewalks and other pedestrian facilities, SDG&amp;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 (TMP). Where construction activity will result in bike route or bike path closures, appropriate detours and signs shall be provided. Where trenching will affect bicycle travel on streets without bicycle facilities, requirements for plates to cover trenches will be in accordance with the permit and/or franchise requirements of the local jurisdiction. The TMPs shall be submitted to the CPUC for review and approval prior to construction.</p>	SDG&E to implement measure as defined. SDG&E to incorporate measure into construction contracts.	SDG&E to provide documentation of coordination with affected public jurisdictions and confirmation with all required conditions to ensure that pedestrian and bicycle circulation would not be disrupted.	<p>N/A for SEGMENTS 1, 1a, and 2a</p> <p>PRE-CONSTRUCTION COMPONENT COMPLETE FOR SEGMENTS 2, 3, 4, and 5</p> <p>Traffic control plan submitted to Dudek/CPUC on January 25, 2006</p>
Traffic	T-6	MM T-6a	Pre-construction	2,3,4,5	<p>Ensure emergency response access.</p> <p>SDG&amp;E shall coordinate in advance with local jurisdictions to avoid restricting movements of emergency vehicles. Police departments, fire departments, ambulance services and paramedic services shall be notified in advance by each jurisdiction 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 T-1a) shall include details regarding emergency services coordination and procedures. Documentation of coordination with local jurisdictions shall be provided to the CPUC prior to the start of construction.</p>	SDG&E to implement measure as defined. SDG&E to incorporate measure into construction contracts.	SDG&E to provide documentation of coordination with affected public jurisdictions and confirmation with all required conditions to ensure that construction activities would not preclude emergency vehicle access.	<p>SEGMENT 2 COMPLETE</p> <p>SEGMENT 5 COMPLETE</p> <p>SDG&amp;E submitted documentation on March 13, 2006 indicating that the City of Chula Vista City Council has reviewed the proposed road closures. The documentation includes procedures for road closures, including requiring City Staff to notify Chula Vista Transit and all emergency service providers one week prior to any road closures.</p> <p>SDG&amp;E submitted email correspondence on March 15, 2006 outlining emergency response notification procedures for Segment 5. In accordance with the traffic control plans for Segments 4 and 5, SDG&amp;E's contractor is required to notify police department dispatch, fire department dispatch, environmental services, San Diego transit, San Diego street division and traffic signals, and USA five days prior to starting work. The phone numbers for each division were provided.</p>
Traffic	T-8	MM T-8a	Design	5	<p>During project design, SDG&amp;E shall coordinate with each jurisdiction affected by the underground cable to determine the exact location for placement of the cable to allow the median in Pacific Highway to be improved to the standard contained in the NEVP and allow the footings for the proposed pedestrian bridge at Park Boulevard and Harbor Drive, as well as avoid conflicts with other projects occurring within the direct vicinity of the project and within the same time period.</p> <p>Coordination with the following jurisdictional departments shall occur in conjunction with final design of the underground cable portion of the project: City of San Diego Development Services; Center City Redevelopment Corporation; San Diego Unified Port District; County of San Diego U.S. Navy. Documentation of coordinating efforts and local jurisdiction approval of final design plans for the underground cable portion of the project shall be provided to the CPUC prior to the start of construction activities.</p>	SDG&E to implement measure as defined.	SDG&E to provide documentation of coordination with affected public jurisdictions and confirmation with all required conditions to ensure that the project would not conflict with planned roadway improvement projects.	<p>COMPLETE</p> <p>SDG&amp;E submitted email correspondences between SDG&amp;E and the City of San Diego's Engineering and Capitol Projects Department (contact: Jeff Soriano, Project Engineer, Water and Sewer Design Division) on March 15, 2006. Correspondences date back to December 2, 2005, however, were only provided as representation and did not include all correspondences. Sign in sheet from Utility Coordination Meeting held on March 21, 2005 also provided.</p>

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Utilities	U-1c	MM U-1b	Design	3,5	During project design, SDG&E shall coordinate with each jurisdiction affected by the underground cable to determine the exact location for placement of the cable to avoid conflicts with planned and proposed utility projects and any relocation of existing utilities occurring within the direct vicinity of the project. 1) Coordination with the following jurisdictional departments shall occur in conjunction with final design of the underground cable portion of the project: 2)City of San Diego Water and Sewer Design Division, Engineering and Capital Projects; 3) City of San Diego Development Services; 4) Center City 5) Redevelopment Corporation; and 6) Unified Port of San Diego. Documentation of coordinating efforts and local jurisdiction approval of final design plans for the underground cable portion of the project shall be provided to the CPUC prior to the start of construction activities.	SDG&E to submit final design plans to the City of San Diego and City of Chula Vista for review and comment.	CPUC to verify local jurisdiction review and incorporation of comments to ensure that underground construction avoids conflicts with planned/ proposed utility projects.	SEGMENT 5 COMPLETE  SDG&E submitted email correspondences between SDG&E and the City of San Diego's Engineering and Capitol Projects Department (contact: Jeff Soriano, Project Engineer, Water and Sewer Design Division) on March 15, 2006. A list of projects planned or being constructed in the City near the OMPPA project was provided with project manager and contact information. A Conflicts with City Infrastructure-Utility Coordination Meeting was held on March 21, 2005.
Utilities	U-1d	MM U-1c	Design	3,5	Protection of Underground Utilities.  Prior to construction of the underground transmission line, the Applicant shall submit to the CPUC written documentation, including evidence of review by the appropriate jurisdictions, including the following: Construction plans designed to protect existing utilities and showing the dimensions and location of the finalized alignment; Records that the Applicant provided the plans to affected jurisdiction for review, revision and final approval; Evidence that the project meets all necessary local requirements; Evidence of compliance with design standards; Copies of any necessary permits, agreements, or condition of approval; Records of any discretionary decisions made by the appropriate agencies.	SDG&E to submit final design plans to the City of San Diego and City of Chula Vista for review and comment.	CPUC to verify local jurisdiction review and incorporation of comments to ensure that existing underground utilities are protected from disturbance during construction.	SEGMENT 5 COMPLETE  SDG&E provided email correspondence between SDG&E and City of San Diego on March 15, 2006 indicating that the City has reviewed the project alignment sheets. Only conflicts identified were at the intersection of Grape Street and PCH and PCH and Harbor Drive. SDG&E and City of San Diego will resolve issues prior to starting construction at these two locations according to correspondence.
Utilities	U-1e	MM U-1d	Design	3,5	Utilities Protection Against Corrosion.  SDG&E shall evaluate the potential for the underground transmission line to increase corrosion on existing pipelines. If this potential is determined to exist, SDG&E shall be responsible for installation of the required cathodic protection systems that would eliminate this risk. A letter documenting these consultations and their results, including concurrence by the affected jurisdiction(s) and other companies, shall be provided to the CPUC prior to the start of construction.	SDG&E to submit final design plans to the City of San Diego and City of Chula Vista for review and comment.	CPUC to verify local jurisdiction review and incorporation of comments to ensure that transmission cable does not cause corrosion in nearby existing pipes.	SEGMENT 5 COMPLETE  SDG&E provided documentation of coordination with the City of San Diego's sewer and water division engineer's. SDG&E states that the only natural gas pipelines crossed or adjacent to the project are owned by SDG&E.
Visual	V-3a	MM V-1a	Pre-construction	All	Reduce visibility of construction activities and equipment.  If unobstructive views are possible from nearby residences and public roadways, construction sites including all staging areas, material and equipment storage areas, substation facilities and transition stations, shall be visually screened with temporary screening fencing. All evidence of construction activities, including ground disturbance due to staging and storage areas, shall be removed and all disturbed areas shall be remediated to an original or improved condition upon completion of construction including replacement of any vegetation or paving removed during construction. SDG&E shall submit final construction plans demonstrating compliance with this measure to the CPUC for review and approval at least 60 days prior to the start of construction or 14 days prior to the first use of each site.	SDG&E to implement measure as described and incorporate commitments into construction contracts.	CPUC to ensure that commitments have been incorporated into construction contracts. CPUC to verify in the field. Project construction sites and staging and material and equipment storage areas will be screened during construction and all construction areas will appear in their original or improved condition following construction.	PRE-CONSTRUCTION COMPONENT COMPLETE  Only staging area on Segment 2 is at the Miguel Substation which is not in public view. Variance Request #5 approves two additional storage areas on Segment 2 and one on Segments 3 and 5 each. All yards will require screening.  MITIGATION MEASURE ON-GOING.