July 31, 2012

Mr. John Jenkins
San Diego Gas & Electric Company
8315 Century Park Court, CP21E
San Diego, CA 92123

RE: ORDER FOR TECHNICALLY-CONDITIONED CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION FOR DISCHARGE OF DREDGED AND/OR FILL MATERIALS

PROJECT: San Diego Gas & Electric Company (SDG&E) - East County (ECO) Substation Project WDID No. 7A373002001

APPLICANT: San Diego Gas & Electric Company

ACTION:

1. ☐ Order for Standard Certification
2. ☒ Order for Technically-Conditioned Certification
3. ☐ Order for Denial of Certification

STANDARD CONDITIONS:

The following standard conditions apply to all certification actions, except as noted above under Action 3 for denials.

1. This certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to section 13330 of the California Water Code and section 3867 of Title 23 of the California Code of Regulations (23 CCR).

2. This certification action is not intended and shall not be construed to apply to any discharge from any activity involving a hydroelectric facility requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent certification application was filed pursuant to 23 CCR section 3855(b) and the application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.

3. The validity of any non-denial certification action (Actions 1 and 2) shall be conditioned upon total payment of the full fee required under 23 CCR section 3833, unless otherwise stated in writing by the certifying agency.

4. In the event of any violation or threatened violation of the conditions of this certification, the violation or threatened violation shall be subject to any remedies, penalties, process, or sanctions as provided for under State law. For purposes of Clean Water Act (CWA) section 401(d), the applicability of any State law authorizing remedies, penalties, process, or sanctions for the violation or threatened violation constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements incorporated into this Water Quality Certification (WQC).

   a. In response to a suspected violation of any condition of this WQC, the Regional Water Quality Control Board (Regional Water Board) may require the holder of any permit or license subject to this certification to furnish, under penalty of perjury, any technical or monitoring reports the Regional Water Board deems appropriate, provided that the burden, including cost of the reports, shall be in reasonable relationship to the need for the reports and the benefits to be obtained from the reports.

   b. In response to any violation of the conditions of this WQC, the Regional Water Board may add to or modify the conditions of this certification as appropriate to ensure compliance.

ADDITIONAL CONDITIONS:

The following additional conditions apply to this certification:

1. This WQC applies towards the proposed project (Project) as described in the 401 application received by the Regional Water Board on November 8, 2011 and updated information received on July 16, 2012.

2. The Applicant shall provide the Regional Water Board and other interested agencies with written notification of any significant modifications made to the Project prior to implementation of the modifications.

3. This WQC does not convey any property rights of any sort or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

4. This WQC does not authorize the Applicant or any associated party to trespass on any land or property unless the applicant has obtained written authorization or acquired a special use authorization permit from the land or property owner.

5. A copy of this WQC shall be provided to the appropriate onsite Supervisor for the Project. All personnel performing work on the proposed Project shall be familiar with the content of this WQC. Copies of the WQC shall be readily available at the Project site at all times during periods of active work and shall be presented to regulatory agency representatives upon request.

6. The Applicant shall grant Regional Water Board staff, or an authorized representative, upon presentation of credentials and other documents as may be required by law, to enter the Project site at reasonable times, to ensure compliance with the terms and conditions of this WQC and/or to determine the impacts the Project may have on waters of the United States.

7. The proposed Project shall not be enlarged or extend beyond the proposed Project impact area. The Applicant shall delineate the Project boundaries and staging areas with stakes, flags and/or temporary construction fencing.

8. The area of vegetation and soil disturbance shall be restricted to the smallest extent possible.

9. The Project shall not discharge substances in concentrations toxic to human, plant, animal, or aquatic life or that produce detrimental physiological responses.

10. The Project shall not discharge waste classified as "hazardous" as defined in Title 23 California Code of Regulations (CCR) section 2521, California Health and Safety Code section 25140, and Title 22, CCR, section 66260.10 et seq.

11. No oil, petroleum products, or rubbish shall be allowed to enter into or be placed where it may be washed by rainfall or runoff into waters of the United States.

12. No equipment maintenance will be done within or near any stream channel where petroleum products or other pollutants from the equipment may enter waters of the United States.

13. Equipment refueling shall not occur within waters of the United States.

14. Any oil or grease leaks shall be immediately cleaned up.

15. The Applicant shall ensure that all contaminated material and/or contaminated soil removed or excavated from the Project site is properly loaded, transported, and disposed of in accordance with Federal, State, and local regulations.

16. Staging/storage areas for equipment and materials shall be located outside of waters of the United States.

17. The Applicant shall ensure that all disturbed and filled areas are adequately stabilized and protected from erosion and siltation by implementing appropriate soil stabilization, sedimentation and silt control measures.

18. Any flow diversion used during construction shall be designed in a manner to prevent pollution, minimize siltation, and shall provide flows to downstream reaches. Flows shall be maintained to support existing aquatic life and riparian wetlands and habitat that may be located upstream and downstream from any temporary diversion.

19. The Applicant shall restore drainages, to the greatest extent possible, to the original bank configuration, stream bottom width, and channel gradient.

20. All temporary facilities and impacts shall be removed and restored to the preexisting conditions and contours to the extent practicable.

21. Construction related materials and wastes shall be removed from the Project site upon completion of the Project.

22. The Applicant shall submit Notice to the Regional Water Board within 60-days of completion of the Project. The Notice shall include: 1) a detailed summary of the mitigation and restoration activities implemented during the Project and 2) provide photographic documentation that supports the information summarized in the Notice.

23. The Regional Water Board reserves the right to suspend, cancel, or modify and reissue this WQC, after providing notice to the Applicant and/or responsible Site-Supervisor, if the Regional Water Board determines that the Project fails to comply with any of the terms or conditions of this WQC.

24. The Applicant shall orally notify the Regional Water Board of any noncompliance that may impact the beneficial uses of waters of the United States, as soon as notification is possible and notification can be provided without substantially impeding measures necessary to address the noncompliance.

REGIONAL WATER QUALITY CONTROL BOARD CONTACT PERSON:

If you have any questions, please contact Jay Mirpour, Water Resources Control Engineer, at (760) 776-8981 or jmirpour@waterboards.ca.gov.

WATER QUALITY CERTIFICATION:

I hereby issue an order certifying that any discharge from the referenced Project will comply with the applicable provisions of sections 301 (Effluent Limitations), 302 (Water Quality Related Effluent Limitations), 303 (Water Quality Standards and Implementation Plans), 306 (National Standards of Performance), and 307 (Toxic and Pretreatment Effluent Standards) of the Clean Water Act, and with other applicable requirements of State law.

Except insofar as may be modified by any preceding conditions, all certification actions are contingent on (a) the discharge being limited and all proposed mitigation being completed in strict compliance with the applicants' Project description and the attached Project Information Sheet, and (b) compliance with all applicable requirements of the Regional Water Quality Control Board's Water Quality Control Plan (Basin Plan).

for Jose Angel, AEO

ROBERT PERDUE, Executive Officer
Colorado River Basin Regional Water Quality Control Board

JJM/

cc: Shanti Abichandani Santulli – U.S. ACOE, Carlsbad Field Office
Bill Orme, SWRCB, Division of Water Quality, Water Quality Certification Unit
Elizabeth Goldmann, U.S. Environmental Protection Agency, Region 9
Thomas A. Vandenberg, Office of Chief Counsel, SWRCB

File: San Diego Gas & Electric Company- ECO Substation Project WDID No. 7A373002001

Mailing List:

Shanti Abichandani Santulli
U.S. Army Corps of Engineers
Project Manager, South Coast Branch
6010 Hidden Valley Road, Suite 105
Carlsbad, CA 92011

Bill Orme (*)
Water Quality Certification Unit
Division of Water Quality
State Water Resources Control Board
1001 I Street
Sacramento, CA 95814

Elizabeth Goldmann
Wetlands Regulatory Office
U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street
San Francisco, CA 94105

Thomas A. Vandenberg (*)
Staff Counsel
Office of Chief Counsel
State Water Resources Control Board
1001 I Street
Sacramento, CA 95814

Note: (*) will e-mail electronic copy

PROJECT INFORMATION

Application Date: The original application was submitted on November 8, 2011 and updated information was received on July 16, 2012.

Applicant: San Diego Gas & Electric Company
Contact: John Jenkins
(619) 921-2697

Applicant Representative: San Diego Gas & Electric Company
Contact: Tamara Spear
(858) 637-3740

Project Name: San Diego Gas & Electric Company- ECO Substation Project
WDID No. 7A373002001

Start and Completion: Construction will occur between August 2, 2012 and January 1, 2015.

Project Description: The Proposed Project will provide an interconnection hub for renewable generation along SDG&E's existing Southwest Powerlink (SWPL) 500 kilovolt (kV) transmission line. In addition to accommodating the region's planned renewable generation, the Proposed Project will also provide a second source for the southeastern 138 kV transmission system, thereby decreasing the vulnerability of common structural outages and improving the reliability of electrical service for Boulevard, Jacumba, and surrounding communities. The Proposed Project will provide interconnection capability at three voltage levels (500, 230, and 138 kV), which will give renewable generators the option to connect at a voltage level that is appropriately sized for their project. The Proposed Project includes four key components:

1. Construction of a new 500/230/138 kV electric substation (ECO Substation)

2. Loop-in of the existing 500 kV SWPL transmission line into the ECO Substation, which will require installation of transmission structures outside of the fenced area of the substation, but within the newly acquired SDG&E property

3. Construction of a new, approximately 13.88-mile-long 138 kV transmission line from the ECO Substation to the rebuilt Boulevard Substation, including the placement of a 0.646-inch diameter, 57-strand all-dielectric self-supporting (ADSS) fiber optic cable to provide critical communication services.

4. Rebuild of the Boulevard Substation on a new parcel to provide 138 kV and 69 kV interconnection capability and 12 kV service

5. Construction of the Proposed Project is expected to begin in March of 2012 and take approximately two years to complete. The Proposed Project is expected to be in service by summer of 2014.

Project Location:

City or area: Jacumba California to Boulevard, California, San Diego County, California
Longitude/Latitude: 32.626 N and -116.135 W.
Township/Range:

1) ECO Substation and SWPL loop-in
   Section 001, T 018S, R008E
   Section 002, T 018S, R008E

2) ECO Substation southern access road
   Section 011, T018S, R 007E
   Section 012, T018S, R 007E

3) Boulevard Substation rebuild
   Section 028, T017S, R 007E

4) 138 kV transmission Line,
   Section 002, T0185S, R 008E
   Section 003, T0185S, R 008E
   Section 004, T0185S, R 008E
   Section 005, T0185S, R 008E
   Section 006, T0185S, R 008E
   Section 007, T0185S, R 008E
   Section 009, T0185S, R 008E
   Section 010, T0185S, R 008E
   Section 011, T0185S, R 008E
   Section 012, T0185S, R 008E
   Section 005, T018S, R 007E

Section 008, T018S, R 007E
Section 010, T018S, R 007E
Section 011, T018S, R 007E
Section 012, T018S, R 007E
Section 028, T017S, R 007E
Section 032, T017S, R 007E
Section 032, T017S, R 007E

Acres and Linear Feet impacted:

0.63 acre (14064 linear feet) permanent
0.4 acre (9818 linear feet) temporary

Receiving Water(s): All impacted drainage features from the Proposed Project east of the Bornt Farms agricultural fields are ephemeral drainages that eventually drain to Carrizo Creek. Carrizo Creek then flows west and drains into the Bornt Farms agricultural fields, which are located between SP-86 and SP-83. Carrizo Creek then flows across and around the agricultural fields and connects to Carrizo Wash/Creek, which then flows north to San Felipe Creek, which drains into the Salton Sea. All impacted drainage features from the Proposed Project west of the Bornt Farms agricultural fields, or SP-85, are also ephemeral drainages that eventually flow into Carrizo Wash/Creek.

Federal Permit(s): U.S. Army Corps of Engineers Section 404 Permit, Number SPL-2010-00016-SAS (pending).

Mitigation: For complete mitigation requirements, please refer to the Permit Number: SPL-2010-00016-SAS, San Diego Gas & Electric Company – East County Substation Project Revised Draft Habitat Mitigation and Monitoring Plan, June 2012.

Status of CEQA: On June 21, 2012, following approval of a proposed Mitigated Negative Declaration for this project, a Notice of Determination was prepared pursuant to the provisions of CEQA. In addition, a Revised Habitat Mitigation and Monitoring Plan (HMMP), dated June 2012, was prepared. Lead Agency: CA Public Utilities Commission, State Clearinghouse Number: 2009121079. A copy of the Notice of Determination and HMMP are incorporated by reference and made a part of this Water Quality Certification.

File: San Diego Gas & Electric Company- ECO Substation Project WDID No. 7A373002001