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Petition for Post-Certification Change

Construction Laydown Area

Condition of Certification COM-10

For the

Stanton Energy Reliability Center

Stanton, California

16-AFC-1

May 2019

Stanton Energy Reliability Center, LLC

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Acronyms and Abbreviations

AFC	Application for Certification
CCR	California Code of Regulations
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
COC	Condition of Certification
CRS	Cultural Resources Specialist
KOP	Key Observation Point
LORS	laws, ordinances, regulations, and standards
Petition	Petition for Post-Certification Changes
SERC	Stanton Energy Reliability Center
SCE	Southern California Edison Company
SoCalGas	Southern California Gas Company
WMP	Waste Management Program

Executive Summary

Stanton Energy Reliability Center, LLC (project owner), petitions the California Energy Commission (CEC) to change the certification of the SERC Energy Reliability Center (SERC) project (16-AFC-1C). This Petition for Post-Certification Change (Petition) requests the addition of a 2.64-acre parcel adjacent to and north of the SERC project site to be used temporarily for laydown and additional parking for construction. This petition requests a change to the project description only. It does not request changes to project operation or changes to any of the Conditions of Certification.

SECTION 1.0

Introduction

The Stanton Energy Reliability Center (SERC) (16-AFC-1C) is under construction at 10711 Dale Avenue in Stanton, Orange County, California (Figure 1-1). This Petition requests authority to add a construction laydown and parking area as a change to the project description. This area would be used by the construction contractor hired by Stanton Energy Reliability Center, LLC (SERC, LLC) for construction of the facility, and by Southern California Gas Company (SoCalGas) for construction of the dedicated natural gas pipeline that will serve the facility (Figure 1-2). Part of the section to be used by SoCalGas was described to the CEC during licensing. This petition seeks to add additional area to the SoCalGas portion previously described. Use of the new laydown area is temporary and for construction only. The laydown area will not be used during project operation. This petition does not require changes to the Conditions of Certification.

1.1 Information Requirements for the Post-Certification Change

This Petition contains all the information that is required pursuant to the CEC's Siting Regulations (California Code of Regulations [CCR] Title 20, Section 1769, Post Certification Petition for Changes in Project Design, Operation or Performance and Amendments and Changes to the Commission Decision). The information necessary to fulfill the requirements of Section 1769 is contained in Sections 1.0 through 6.0, as summarized in Table 1-1.

TABLE 1-1
Informational Requirements for Post-Certification Change

Section 1769 Requirement	Section of Petition Fulfilling Requirement
(A) A complete description of the proposed change, including new language for any conditions of certification that will be affected	Section 2.0—Proposed modifications Sections 3.1 to 3.15—No changes to conditions of certification are proposed.
(B) A discussion of the necessity for the proposed change and an explanation of why the change should be permitted	Section 1.5
(C) A description of any new information or change in circumstances that necessitated the change	Sections 1.5, 3.0
(D) An analysis of the effects that the proposed change to the project may have on the environment and proposed measures to mitigate any significant environmental effects	Section 3.0
(E) A discussion how the proposed change would affect the project's compliance with applicable laws, ordinances, regulations, and standards	Section 3.15
(F) A discussion of how the proposed change would affect the public	Section 4.0
(G) A list of current assessor's parcel numbers and owners' names and addresses for all parcels within 500 feet of any affected project linears and 1,000 feet of the project site	Section 5.0
(H) A discussion of the potential effect of the proposed change on nearby property owners, residents, and the public	Section 6.0

1.2 Licensing History

On October 26, 2016, the project owner filed an Application for Certification (AFC) with the CEC to construct and operate a 98 MW power facility with 10 MW of integrated battery storage at the SERC site (SERC, LLC 2016). The California Energy Commission (CEC) approved the AFC on November 7, 2018 (Final Decision, CEC, 2018) and SERC began construction in February 2019.

1.3 Necessity of Proposed Changes

The Siting Regulations require a discussion of the necessity for the proposed change and whether the modification is based on information known by the petitioner during the certification proceeding (Title 20, CCR, Sections 1769 [a][1][B]). This Petition for Post-Certification Change requests approval to add construction laydown and parking area adjacent to the SERC project site.

The construction contractor has identified the unanticipated need for additional laydown area. At the time of licensing, the project owner's assessment was that the on-site laydown area in Parcel 2 would provide enough area for construction with appropriate staging.

1.4 Consistency of Changes with Certification

The Siting Regulations also require a discussion of the consistency of the proposed change with applicable laws, ordinances, regulations, and standards (LORS) and whether the changes are based on new information that changes or undermines the assumptions, rationale, findings, or other basis of the CEC Final Commission Decision (Commission (Title 20, CCR Section 1769 [a][1][E]). If the project is no longer consistent with the certification, the Petition must provide an explanation why the change should be permitted.

The addition of the construction laydown area is consistent with the Conditions of Certification, as demonstrated by an environmental analysis focused on the new laydown area, as reported in Section 3.0 of this Petition. The environmental analysis considers all 14 of the environmental disciplines addressed in the Final Commission Decision.

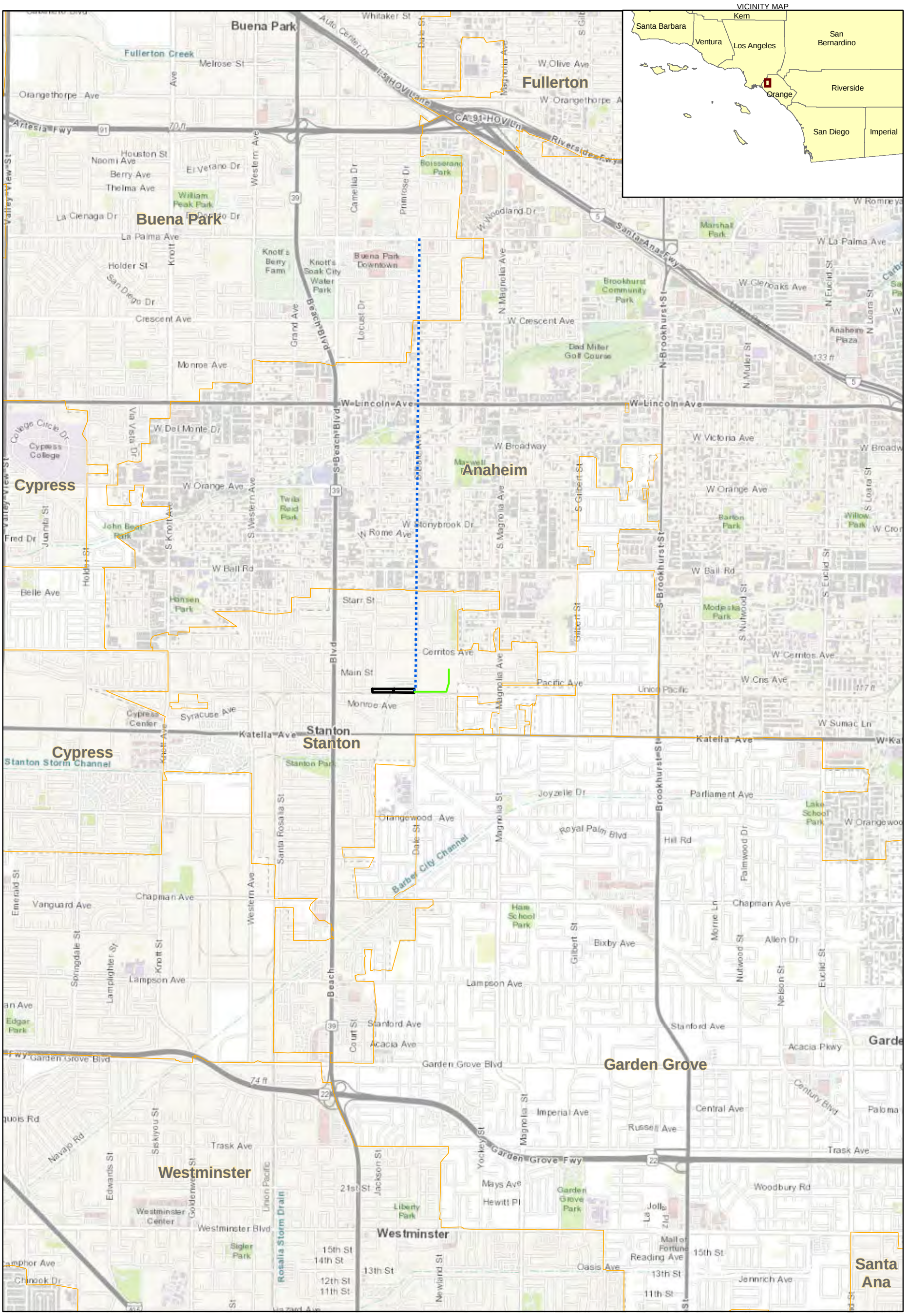

Figure 1-1
Project Location
Stanton Energy Reliability Center
Stanton, California

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N

0 150 300

Feet

SERC Project Site
Proposed SERC Laydown Yard
Proposed SoCalGas Laydown Yard
Access Lane
Setbacks around Transmission Towers

Notes:
Aerial Imagery - 2017

Figure 1-2
Proposed Construction Laydown Area
Stanton Energy Reliability Center
Stanton, CA

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\\BROOKSIDEFILES\GIS_SHARE\ENBG\00_PROJ\S\SERC\MAPFILES\REPORT\2019\FIG_1-2_DALEAVELAYDOWNAREA.MXD KMINO 5/13/2019 11:21:33 AM

1.5 Summary of Environmental Impacts

The CEC Siting Regulations require that an analysis be conducted to address the potential impacts the proposed project change may have on the environment, and proposed measures to mitigate any potentially significant adverse impacts (Title 20, CCR, Section 1769 [a][1][D]). The regulations also require a discussion of the impact of the change on the facility's ability to comply with applicable LORS (Section 1769 [1][a][E]). Section 3.0 of this Petition includes a discussion of the potential environmental impacts associated with the change, as well as a discussion of the consistency of the change with LORS. Section 3.0 also includes updated environmental baseline information if changes have occurred since the project was licensed that would have a bearing on the environmental analysis of the Petition. Section 3.0 of this Petition concludes that there will be no significant environmental impacts associated with the addition of the construction laydown area on the adjacent parcel and that the project as modified will comply with all applicable LORS.

1.6 Conditions of Certification

This Petition does not require any changes to Conditions of Certification.

1.7 References

California Energy Commission (CEC). 2018. *Energy Commission Decision, Application for Certification for the Stanton Energy Reliability Center, Docket Number 16-AFC-1*. California Energy Commission, Sacramento, California. November.

Stanton Energy Reliability Center, LLC. 2016. *Application for Certification for the Stanton Energy Reliability Center*. Submitted to California Energy Commission, Sacramento, California. October.

SECTION 2.0

Description of Project Change

Consistent with CEC Siting Regulations (Title 20, CCR, Section 1769 [a][1][A]), this section includes a description of the proposed project change. This Petition proposes modifying the SERC license to include additional construction laydown, parking, and staging area that will be used for temporarily for construction and not for operation. The proposed construction laydown area is adjacent to and north of SERC project site parcels 1 and 2. This 2.64-acre property is owned by Southern California Edison Company (SCE) and consists of the following Assessor's Parcel:

APN 126-591-16

The project owner has designated a roadway 16-feet-wide along the southern boundary of the laydown parcels to provide access to two SCE transmission towers on the western parcel. By agreement with SCE, a 50-foot x 50-foot buffer area will be established around each of the two tower bases on the western parcel. Concrete k-rail will be placed around the tower bases to protect these from inadvertent vehicle collision.

The portion of the laydown area furthest east and facing Dale Avenue will be for the use of SoCalGas as they construct the natural gas pipeline to the project. This portion will cover 0.9 acres (including the 16-foot-wide access lane). The remainder of the area will be for SERC construction (1.74 acres). A temporary fence will be erected to separate these two areas.

Project construction activities within the laydown area include the following:

- Overflow parking
- Storage
    - Water treatment piping
    - Water treatment materials
    - Electrical materials (wire, conduit, fittings)
    - Large- and small-bore piping
    - Structural steel
    - Other equipment and materials

A fence will be erected between the new laydown areas and the SERC construction site. Two 16-foot-wide gates will be place into this fence: one in the western parcel and one in the eastern parcel.

These areas will be used temporarily for construction and for overflow parking and laydown only.

SECTION 3.0

Environmental Analysis of Proposed Change

The following sections provide environmental analyses for each of 14 different discipline areas considered in the Commission Decision that address:

- Significant changes to the project area environmental baseline if these changes have taken place since the certification was granted and have a bearing on the environmental impact analyses for the amended facility
- Significant changes to environmental impacts of the facility that are a result of adding the construction laydown area

The environmental disciplines are addressed in alphabetical order, as follows:

3.1 Air Quality
3.2 Biological Resources
3.3 Cultural Resources
3.4 Geology and Paleontology
3.5 Hazardous Materials Management
3.6 Land Use
3.7 Noise and Vibration
3.8 Public Health
3.9 Socioeconomics
3.10 Soil and Water Resources
3.11 Traffic and Transportation
3.12 Visual Resources
3.13 Waste Management
3.14 Worker Safety and Fire Protection

Table 3.0-1 indicates which disciplines will require more detailed discussion of potential effects of the requested change.

3.1 Air Quality

The addition of a construction laydown area proposed by the Petition not cause air quality impacts that are different than those discussed in the Final Decision (16-AFC-1). There will be no new impacts to air quality.

3.1.1 Mitigation Measures

There will be no significant impacts to air quality resulting from the approval of this Petition. Therefore, no additional resource protection measures, beyond those required in the Final Decision (16-AFC-1) are necessary.

3.1.2 Consistency with LORS

The proposed modifications will conform with all applicable LORS related to air quality.

3.1.3 Conditions of Certification

This Petition does not require changes to the existing Air Quality Conditions of Certification (COCs) from the Final Decision (16-AFC-1).

3.2 Biological Resources

The addition of a construction laydown area proposed by the Petition would not result in impacts to biological resources. Studies conducted for the Petition included a field survey of the laydown site undertaken by designated Biological Monitor Ken Levenstein on May 8, 2019. A full report of the survey is included in Appendix A.

The survey resulted in discovery of 3 active nests, one of which belongs to a species, Cassin's kingbird (*Tyrannus vociferans*), protected under provisions of the Migratory Bird Treaty Act. The other two nests belong to an introduced species, house sparrow (*Passer domesticus*), that is not protected.

The Cassin's kingbird nest (see attached images) is located on the southernmost leg of the southern transmission-line tower on the Western SCE Parcel, at approximately 70 feet above ground level. Adults appear to be feeding young, although, the young are not visible from the ground.

In addition, several barn swallows were observed entering the Stanton Storm Drain culvert under Dale Avenue adjacent to the SCE parcel, but not a part of it. It is not known whether these birds are nesting in the culvert.

3.2.1 Mitigation Measures

No significant impacts to biological resources will result from the approval of this Petition, given compliance with the existing Conditions of Certification. Therefore, no additional resource protection measures, beyond those required in the Final Decision (16-AFC-1) are necessary. Existing Conditions regarding monitoring of biological resources and protection of nesting birds are sufficient to prevent significant impacts to biological resources.

3.2.2 Consistency with LORS

The proposed modifications will conform with all applicable LORS related to biological resources.

3.2.3 Conditions of Certification

This Petition does not require changes to the existing biological resource COCs from the Final Decision (16-AFC-1).

3.3 Cultural Resources

The addition of a construction laydown area proposed by the Petition would not result in impacts to cultural resources. Studies conducted for the Petition included a field survey of the laydown site. The survey did not result in discovery of cultural resources on the proposed laydown yard. A full report of this survey is found in Appendix B.

3.3.1 Mitigation Measures

No significant impacts to cultural resources will result from the approval of this Petition. Therefore, no additional resource protection measures, beyond those required in the Final Decision (16-AFC-1) are necessary. If previously undiscovered cultural resources are found during use of the laydown yard, mitigation measures in the Final Commission Decision regarding the treatment of emergency discoveries, including Condition CUL-7 (Power of the CRS/Cultural Resources Discovery Protocols) and the implementation of the CUL- Cultural Resources Mitigation and Monitoring Plan (CUL-3) will help to ensure that no adverse impacts occur.

3.3.2 Consistency with LORS

Implementation of the proposed modifications will comply with all applicable cultural resource-related LORS.

3.3.3 Conditions of Certification

This Petition does not require changes to the existing cultural resource COCs from the Final Decision (16-AFC-1).

3.4 Geology and Paleontology

The addition of a construction laydown area proposed by the Petition will not cause geological hazards or result in impacts to paleontological or geological resources. Therefore, geological and paleontological resources will not be adversely affected.

3.4.1 Mitigation Measures

No significant impacts to geological or paleontological resources will result from the approval of this Petition. Therefore, no additional resource protection measures, beyond those required in the Final Decision (16-AFC-1), are necessary.

3.4.2 Consistency with LORS

The 16-AFC-1 assessment was conducted consistent with guidelines promulgated by the Society for Vertebrate Paleontology for the evaluation and mitigation of impacts to paleontological resources. Proposed modifications will comply with all applicable LORS related to geologic and paleontological resources.

3.4.3 Conditions of Certification

This Petition does not require changes to the geology and paleontology COCs from the Final Decision (16-AFC-1).

3.5 Hazardous Materials Management

The addition of a construction laydown area proposed by the Petition will require similar hazardous materials use, chemical inventory, and management as discussed in the Final Decision (16-AFC-1). Therefore, there will be no additional impacts resulting from hazardous materials management in the proposed laydown area.

The chemicals listed in the Final Decision, 16-AFC-1, remain unchanged to accommodate the proposed modifications. No new chemicals are required because of the modifications and it will not be necessary to increase the quantities of hazardous materials currently used at the project site. These remain unchanged from 16-AFC-1. Use of the laydown area on a parcel adjacent to the project site will be temporary and will take place during construction only.

No additional hazardous materials storage is required to accommodate the modifications. Therefore, no new hazardous material impacts would result from the project modifications. Hazardous materials will be handled and stored in a safe manner and in accordance with the applicable LORS consistent with the Final Decision, 16-AFC-1.

3.5.1 Mitigation Measures

No significant impacts from hazardous materials handling will result from the approval of this Amendment. Therefore, mitigation measures beyond those required in the Final Decisions (16-AFC-1) are necessary.

3.5.2 Consistency with LORS

The proposed modifications will conform with all applicable LORS related to hazardous materials.

3.5.3 Conditions of Certification

This Petition does not require changes to the hazardous material management COCs from the Final Decision (16-AFC-1).

3.6 Land Use

The addition of a construction laydown area proposed by the Petition will not result in land use impacts beyond those considered in the Final Decision (16-AFC-1). The parcel to be used as a laydown area is currently a vacant lot within a high-voltage transmission line right-of-way. No adverse land use impacts will result from the proposed change.

Existing land uses within a 1-mile radius of the project site have not changed from what was described in the AFC. Surrounding land uses are primarily light industrial and utility and include the Barre Peaker power plant, Barre Substation, light industrial uses along Standustrial Street, the Union Pacific Railroad right-of-way, and a mini-storage facility.

The laydown area lies within the same City of Stanton zoning district, Industrial General, as the SERC project site for which industrial uses are permitted. Use of the laydown area on a parcel adjacent to the project site will be temporary and will take place during construction only.

No new land use impacts will occur because of implementation of the proposed modifications. The construction use of the laydown yard will be temporary and will not physically divide an established community; conflict with applicable land use plans, policies, or regulations; or conflict with an applicable habitat conservation plan.

3.6.1 Mitigation Measures

No significant impacts to land use will result from the approval of this Petition. Therefore, mitigation measures beyond those in the Final Decision (16-AFC-1) are not necessary.

3.6.2 Consistency with LORS

The proposed modifications will conform to all applicable LORS related to land use.

3.6.3 Conditions of Certification

This Petition does not require changes to the existing land use COCs from the Final Decision (16-AFC-1).

3.7 Noise and Vibration

The addition of a construction laydown area proposed by the Petition will not result in noise impacts greater than those considered in the Final Decision (16-AFC-1). Land use development intensity in the project area has not changed since the ambient noise survey was conducted for 16-AFC-1. Construction noise will not increase significantly from use of the new construction laydown area. Use of the adjacent SCE property for construction laydown will not involve the addition of construction equipment or other new sources of noise not already contemplated in the AFC and Commission Decision. Therefore, impacts will remain less than significant with the use of the laydown area.

3.7.1 Mitigation Measures

No significant noise impacts will result from the approval of this Petition. Therefore, mitigation measures beyond those required in the Final Decision (16-AFC-1) are not necessary.

3.7.2 Consistency with LORS

Use of the laydown area under the proposed modification will: (1) conform to all worker safety and health noise limits, (2) be conducted in accordance with applicable noise-related LORS, and (3) conform to existing COCs (16-AFC-1). The noise from the proposed modifications will remain below the applicable noise standards for construction in the City of Stanton.

3.7.3 Conditions of Certification

This Petition does not require changes to the existing noise and vibration COCs from the Final Decision (16-AFC-1).

3.8 Public Health

The addition of a construction laydown area proposed by the Petition will not result in public health impacts greater than those considered in the Final Decision (16-AFC-1).

3.8.1 Mitigation Measures

No significant public health impacts will result from the approval of this Petition. Therefore, mitigation measures beyond those required in the Final Decision (16-AFC-1) are not necessary.

3.8.2 Consistency with LORS

Construction and operation of the modifications will conform with all applicable LORS related to public health as identified in the Final Decision (16-AFC-1).

3.8.3 Conditions of Certification

This Petition does not require public health COCs. Consistent with Final Decision (16-AFC-1).

3.9 Socioeconomics

Use of the laydown area proposed by this Petition will not result in socioeconomic impacts beyond those considered in the Final Decision, (16-AFC-1). No significant impacts to socioeconomics will result from the approval of this Petition. The use of a new laydown area will not cause an influx of construction or operation workers into the local area; will not have an adverse effect on employment, housing, schools, medical, tax revenues, and fire and police protection; and will not change revenue from sales taxes due to construction activities or recruitment of employees and purchase of materials from the local area.

3.9.1 Mitigation Measures

No changes to the mitigation measures included in the Final Decision (16-AFC-1) are necessary.

3.9.2 Consistency with LORS

Use of the laydown area will conform with all applicable LORS related to socioeconomics as identified in the Final Decision (16-AFC-1).

3.9.3 Conditions of Certification

This Petition does not require changes to the existing socioeconomic COCs from the Final Decision (16-AFC-1).

3.10 Soil and Water Resources

The addition of a construction laydown area proposed by the Petition will require the same soil and water management requirements as described in the Final Decision (16-AFC-1). Uses of the laydown area will not result in impacts to soil and water resources. During construction, dust erosion control measures will be implemented to minimize wind-blown soil loss, as required in the Conditions of Certification. Water will be sprayed on the soil in construction areas to control dust during use. Since no significant impacts to soil and water resources will result from the approval of this Petition, additional mitigation measures beyond those included in the Final Decision (16-AFC-1) are not necessary.

3.10.1 Mitigation Measures

No changes to the mitigation measures included in the Final Decision (16-AFC-1) are necessary.

3.10.2 Consistency with LORS

Implementation of the proposed modifications will conform to all applicable LORS related to soil and water resources as identified in the Final Decision, 16-AFC-1.

3.10.3 Conditions of Certification

This Petition does not require changes to the existing soil and water resources COCs from the Final Decision (16-AFC-1).

3.11 Traffic and Transportation

The addition of a construction laydown area proposed by this Petition will not result in traffic and transportation impacts greater than those considered in the Final Decision (16-AFC-1). Project construction with this change will not result in substantial changes to the traffic and transportation findings and conclusions of the Final Decision for 16-AFC-1. The number of construction workers commuting to the project site and the number of heavy haul trucks needing access to the site (i.e. project-related trip generation) will not change.

3.11.1 Mitigation Measures

No significant impacts to the local or regional traffic and transportation network will result from the approval of this Petition. Therefore, mitigation measures beyond those included in the Final Decision (16-AFC-1), are not necessary. The existing construction Traffic Control Plan and implementation program, required under COC TRANS-2, includes appropriate measures to address timing of heavy equipment and building material deliveries, signing, lighting, flagging, emergency access, and traffic controls.

3.11.2 Consistency with LORS

The project will remain consistent with all applicable LORS related to traffic and transportation.

3.11.3 Conditions of Certification

This Petition does not require changes to the existing transportation COCs from the Final Decision (16-AFC-1).

3.12 Visual Resources

The addition of a construction laydown area proposed by this Petition will not result in significant impacts on visual resources because it will not cause noticeable changes visible to offsite observers or from the key observation points (KOPs) identified in 16-AFC-1. In addition, the use of the laydown area is temporary and for construction only.

Construction use of the laydown area will not be visible from the KOPs evaluated as part of 16-AFC-1. These new facilities will mostly be screened by other activities at the site and therefore implementation of the proposed modifications will not change the conclusions from the Final Decision (16-AFC-1).

3.12.1 Mitigation Measures

No significant impacts to visual resources will result from the approval of this Petition. Therefore, mitigation measures beyond those included in the Final Decision are not necessary.

3.12.2 Consistency with LORS

Implementation of the proposed modifications will conform to all applicable LORS related to visual resources as identified in the Final Decision, 16-AFC-1.

3.12.3 Conditions of Certification

This Petition does not require changes to the existing visual resources COCs from the Final Decision (16-AFC-1).

3.13 Waste Management

The addition of a construction laydown area proposed by the Petition will require similar waste management requirements to those described in the Final Decision (16-AFC-1). Compliance with the existing Waste Management Program (WMP) and COCs included in the Final Decision, (16-AFC-1), would prevent environmental impacts related to waste management.

Packaging waste will be generated during use of the additional laydown yard but will not differ in quantity or type from that contemplated in the AFC and Final Decision. All construction waste will be disposed of in accordance with the existing project Construction and Demolition Environmental Resources Management and Recycling Plan, consistent with the Final Decision.

3.13.1 Mitigation Measures

No significant impacts in terms of waste management would result from the approval of this Petition. Therefore, mitigation measures beyond those identified in the Final Decision (16-AFC-1), are not necessary.

3.13.2 Consistency with LORS

The proposed modifications will conform with all applicable LORS related to waste management as identified in the Appendix A to the Final Decision (16-AFC-1).

3.13.3 Conditions of Certification

This Petition does not require changes to the existing waste management COCs from the Final Decision (16-AFC-1).

3.14 Worker Safety and Fire Protection

The addition of a construction laydown area proposed by the Petition will not result in worker safety and fire protection impacts beyond than those described in the Final Decision (16-AFC-1). All construction and operation workers will undergo proper safety training in conformance with the existing health and safety requirements described in the Final Decision (16-AFC-1).

3.14.1 Mitigation Measures

No significant impacts in terms of worker safety and fire protection will result from the approval of this Petition. Therefore, mitigation measures beyond those included in the Final Decision (16-AFC-1) are not necessary.

3.14.2 Consistency with LORS

The proposed modifications will conform with all applicable LORS related to worker safety and fire protection as identified in the Appendix A to the Final Decision (16-AFC-1).

3.14.3 Conditions of Certification

This Petition does not require changes to the existing worker safety and fire protection COCs from the Final Decision (16-AFC-1).

SECTION 4.0

Potential Effects on the Public

This section discusses the potential effects on the public that may result from the modifications proposed in this Petition, pursuant to CEC Siting Regulations (Title 20, CCR, Section 1769[a][1][F]).

The changes to the project, as proposed in this Petition, will not result in any greater impacts on the public and property owners than those analyzed during project licensing (16-AFC-1), resulting in no effect on the public and property owners beyond what was originally approved by the CEC.

SECTION 5.0

List of Property Owners

CEC Siting Regulations (Title 20, CCR, Section 1769[a][1][G) require that the property owners within 1,000 feet of the site and within 500 feet of affected linears are identified. Appendix C contains this list of property owners within 1,000 feet of the site (linears are not affected by this change as the SoCalGas use of the Dale Avenue laydown was considered in the Final Decision).

SECTION 6.0

Potential Effects on Property Owners

This section addresses potential effects of the proposed change discussed in this Petition on nearby property owners, residents, and the public pursuant to CEC Siting Regulations (Title 20, CCR, Section 1769 [a][1][H]).

The project, as modified, will not differ significantly in potential effects on adjacent land owners or residents, compared with the project as previously proposed. The project, therefore, would have no adverse effects on nearby property owners, residents, the public, or other parties as determined in the Final Decision, 16-AFC-1.

Appendix A

Biological Resources Survey Report

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Memorandum

2600 Michelson Drive, Suite 500
Irvine, CA 92612
United States
www.jacobs.com

Subject **Stanton Energy Reliability Center (16-AFC-1C)**
Biological Resources Survey Report
Additional Construction Laydown and Parking Area

To: Tim Bofman, SERC, LLC

From: Ken Levenstein, Jacobs
Ava Edens, Jacobs, SERC Designated Biologist

Date: May 14, 2019

Copies: Greg Lamberg, WPower, LLC
Sharon Stureman, SERC, LLC
Doug Davy, Jacobs
Karen Parker, Jacobs

1.0 Introduction

The Stanton Energy Reliability Center (SERC; the Project), in Stanton, California is currently under construction. The contractor hired by SERC, LLC to construct the facility proposes to use two Southern California Edison (SCE) owned parcels as laydown yards for SERC construction materials and additional parking. Jacobs conducted a biological resource assessment including desktop analysis, habitat assessment, and reconnaissance survey of the proposed laydown yards. This memorandum summarizes the results of that analysis and provides a supplement to SERC, LLC's Application for Certification (AFC) before the California Energy Commission (CEC). This survey was conducted to provide biological resources documentation for SERC, LLC's Petition for Post-Certification Changes to the SERC license for the addition of the laydown and parking area to the project description.

1.1 Project Location

The proposed laydown yards are owned by Southern California Edison (SCE), and are located immediately north of, and adjacent to, the SERC Eastern Parcel (Parcel 1) at 10801 Dale Avenue, Stanton, Orange County, California and the eastern third of the SERC Western Parcel (Parcel 2) at 8230 Pacific Street, Stanton, Orange County, California. The proposed eastern laydown yard is a fenced and gated vacant lot that serves as a right-of-way for high voltage transmission lines that run overhead east to west, originating at the Barre Substation directly across Dale Avenue. The proposed western laydown yard is directly across (and west of) the Stanton Storm Channel from the proposed eastern laydown yard. Two transmission line towers are located on the proposed western laydown yard and from there, the high voltage lines make a turn to the south-southwest. Figure 1 in Attachment A shows the new laydown area and the SERC project site.

2.0 Methods

The following subsections describe the methods used for the desktop analysis, habitat assessment, and reconnaissance survey.

2.1 Desktop Analysis

Jacobs conducted queries of the California Natural Diversity Database CNDDB) (California Department of Fish and Wildlife [CDFW], 2019), California Native Plant Society (CNPS) (2019) database, and U.S. Fish and Wildlife Service (USFWS) databases (USFWS, 2019a, 2019b, and 2019c) to identify special-status plant and wildlife species and sensitive habitats potentially occurring in the Survey Area. A list of special-status species was generated using geographical information system queries of the CNDDB and USFWS databases conducted for the proposed laydown yards, plus a 5-mile buffer (Attachment B). A query of the CNPS database was conducted for the nine U.S. Geological Survey 7.5-minute quadrangles centered on the alignment. Jacobs reviewed the results of these queries, biological studies included in SERC's AFC, aerial imagery, and other publicly available data. Prior to conducting the field survey, a list was prepared of special-status species potentially occurring in the Survey Area. There are no sensitive habitats located within the Survey Area. Figure 2 in Attachment A graphically shows the results of the CNDDB inquiry.

2.2 Habitat Assessment and Reconnaissance Survey

On May 8, 2019, Dr. Ken Levenstein, a senior biologist with Jacobs and approved biological monitor for SERC, conducted a habitat assessment and reconnaissance survey for the proposed laydown yards, plus a 150-foot buffer (Survey Area). Conventional survey protocols, including guidelines provided by USFWS (1996), CDFW (2009) and CNPS (2001), were reviewed and implemented as appropriate. In general, a pedestrian survey was conducted by walking meandering transects spaced approximately 30 feet apart throughout the Survey Area. Inaccessible areas (e.g., railroad, private property) were surveyed using binoculars.

2.3 Special-Status Plants and Wildlife

The potential for special-status plant and wildlife species to occur in the Survey Area was assessed based on historical data. Areas with native soil were surveyed for the presence of special-status species or sign (e.g., scat, tracks, and burrows).

2.4 Nesting Birds

The Survey Area was surveyed for special-status bird species and species protected by the Migratory Bird Treaty Act (MBTA) and California Fish and Game Code. Trees, shrubs, man-made structures, and ground surfaces were surveyed for bird nests. The survey also focused on observations of courtship and behavioral cues.

3.0 Results

The weather conditions at the time of the field survey are presented in Table 1.

Table 1. Weather Conditions

Date	Time (24-hour)	Project Location	Temperature (°F)	Wind (mph)	Cloud Cover (%)	Precipitation (None, Light, Moderate, Heavy)	Comments
5/8/2019	0552-0849	Stanton, California	60	0	100	None	Good visibility

The survey results are summarized in the following subsections. Photographs of the site and surroundings can be found in Attachment C.

3.1 Site Description

Land uses in the immediate vicinity of the project include commercial, industrial, residential, and developed/disturbed areas. The Survey Area consists primarily of disturbed land, with relatively compacted soils and ruderal (predominantly non-native) vegetation.

3.2 Special-status Plants

The Survey Area does not include habitats for special-status plants, and no special-status plants were observed. A list of plant species observed during the survey is provided as Attachment D.

3.3 Special-status Wildlife

The Survey Area is highly degraded as wildlife habitat and unlikely to support special-status wildlife species. No special-status wildlife or signs of special-status wildlife were observed in the Survey Area. The Survey Area included burrows of Botta's pocket gopher (*Thomomys bottae*); however, no fossorial mammal dens large enough to be used by burrowing owls (e.g., dens produced by ground squirrel or canid species) were observed.

Common wildlife species observed within or adjacent to the Survey Area included killdeer (*Charadrius vociferous*), red-tailed hawk (*Buteo jamaicensis*), Eurasian collared dove (*Streptopelia decaocto*), mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), black phoebe (*Sayornis nigricans*), Cassin's kingbird (*Tyrannus vociferans*), common raven (*Corvus corax*), barn swallow (*Hirundo rustica*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*), scaly-breasted munia (*Lonchura punctulata*).

3.4 Nesting Birds

Four active bird nests (i.e., nests with birds or young) and two old, inactive bird nests were observed in the Survey Area. In addition, observations included barn swallow and killdeer exhibiting potential breeding behavior; however, no nests were visible. The active bird nests included one species protected by the MBTA, Cassin's kingbird, which was found to be nesting 70 feet up on the southernmost of the two transmission line towers on the proposed western laydown yard. The three active nests not protected by the MBTA belonged to house sparrows, an introduced species. All three house sparrow nests are along Dale Avenue outside of the Project and proposed laydown yards. The species exhibiting nesting behavior, killdeer and barn swallow, were both observed outside of the Eastern SERC Parcel and outside of the proposed Eastern Laydown Yard. A killdeer was observed on a flat roof south of the Eastern SERC Parcel and railroad tracks exhibiting a distraction display (feigning a broken wing) commonly seen when a nesting killdeer is alarmed at the presence of a potential predator that is perceived as being too close to a nest. The barn swallows were observed entering and exiting the Stanton Storm Channel tunnel under Dale Avenue immediately adjacent to and northeast of the northeast corner of the proposed eastern laydown yard. No raptor nests were observed during the survey; however, a red-tailed hawk was observed flying over the SCE Barre Substation and perched on one of the substation transmission line towers.

3.5 Other Potential Environmental Issues

No other potential environmental constraints were identified.

4.0 Summary and Recommendations

No special-status plants, special-status wildlife, or sensitive habitats were observed within the Survey Area. As laydown activities are proposed during the avian nesting season, continued adherence to the Conditions of Certification will help to minimize potential effects to wildlife including nesting birds.

5.0 References

California Department of Fish and Wildlife (CDFW). 2009. *Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities.* Sacramento, California. http://www.dfg.ca.gov/bdb/pdfs/guideplt.pdf.

California Department of Fish and Wildlife (CDFW). 2019. California Natural Diversity Database (CNDDB).*RareFind5.* Electronic database. https://apps.wildlife.ca.gov/rarefind/view/RareFind.aspx. Sacramento, California.

California Native Plant Society (CNPS). 2001. *Botanical Survey Guidelines of the California Native Plant Society.* December 9, 1983; revised June 2, 2001.

California Native Plant Society (CNPS). 2019. *Inventory of Rare, Threatened, and Endangered Plants of California.* (online edition, v8-03 0.39). Website http://www.rareplants.cnps.org [accessed 12 May 2019].

United States Fish and Wildlife Service (USFWS). 1996. *Guidelines for Conducting and Reporting Botanical Inventories for Federally Listed, Proposed, and Candidate Plants.* April 22.

United States Fish and Wildlife Service (USFWS). 2019a. USFWS Critical Habitat for Threatened and Endangered Species GIS Database. https://ecos.fws.gov/ecp/report/table/critical-habitat.html

United States Fish and Wildlife Service (USFWS). 2019b. Candidate, Threatened, and Endangered Species in Orange County, California based on published population data. https://ecos.fws.gov/ecp0/reports/species-by-current-range-county?fips=06059

United States Fish and Wildlife Service (USFWS). 2019c. Species proposed for listing in California based on published population data. https://ecos.fws.gov/ecp0/reports/ad-hoc-species-report?status=A*&header=Species+Proposed+for+Status+Change+or+Delisting&fleadreg=on&fstatus=on&finvpop=on.

Attachment A
Figures

N

0 150 300

Feet

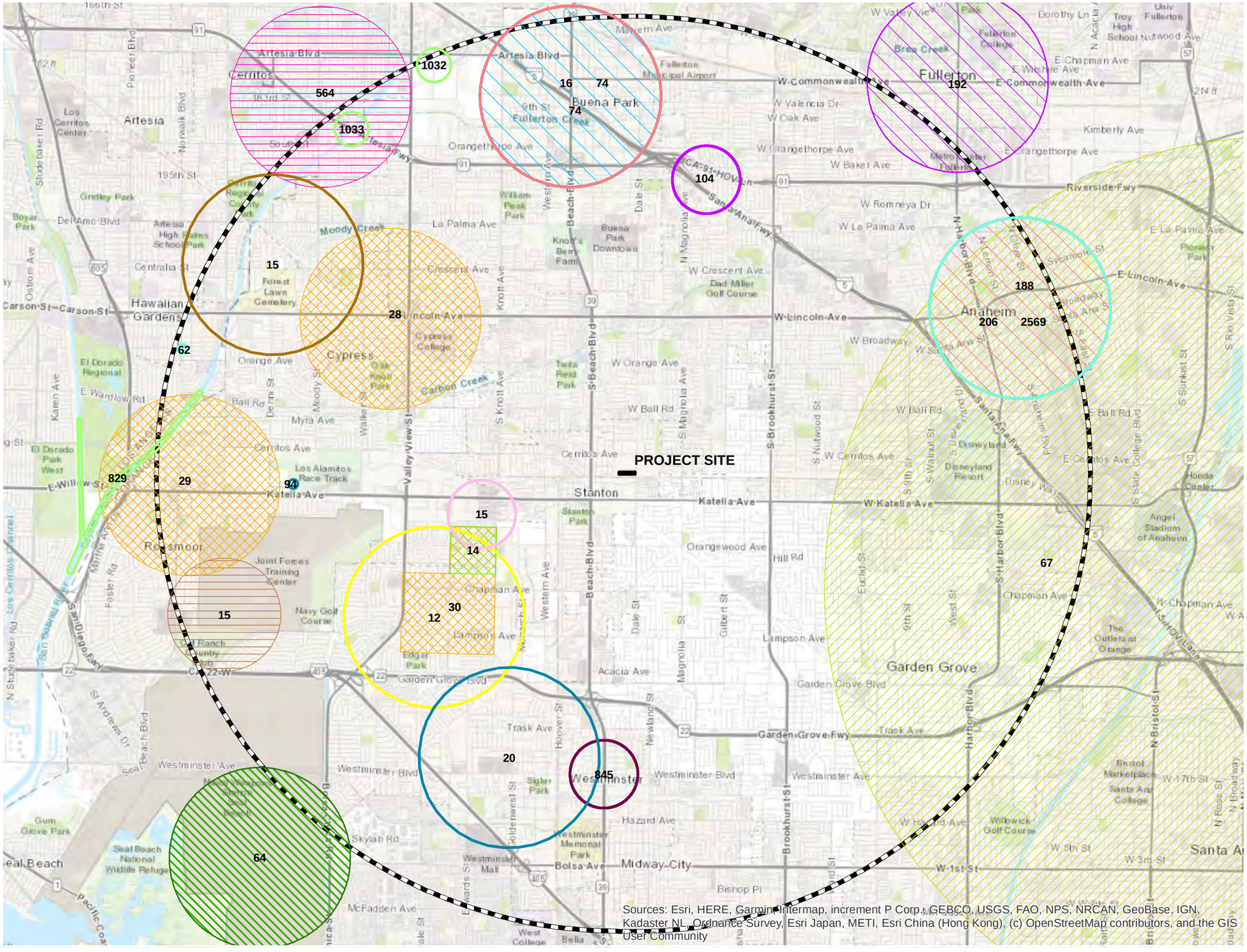
SERC Project Site
Proposed SERC Laydown Yard
Proposed SoCalGas Laydown Yard
Access Lane
Setbacks around Transmission Towers

Notes:
Aerial Imagery - 2017

Figure 1
Proposed Construction Laydown Area
Stanton Energy Reliability Center
Stanton, CA

JACOBS

\\BROOKSIDEFILES\GIS_SHARE\ENBG\00_PROJ\S\SERC\MAPFILES\REPORT\2019\FIG_1-2_DALEAVELAYDOWNAREA.MXD KMINO 5/13/2019 11:21:33 AM



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

LEGEND

- Project Site
- 5-Mile Buffer

CNDDB May 2019

- Brand's star phacelia
- California black rail
- Coulter's goldfields
- Crotch bumble bee
- Parish's brittlescale
- San Bernardino aster
- Swainson's hawk
- burrowing owl
- ferruginous hawk
- least Bell's vireo
- quino checkerspot butterfly
- salt marsh bird's-beak
- salt spring checkerbloom
- southern California legless lizard
- southern tarplant
- western mastiff bat
- western pond turtle
- western spadefoot
- western yellow bat
- western yellow-billed cuckoo

Source:
CNDDB May 2019

N

0 6,000 12,000

Approximate scale in feet

Figure 2
CNDDB May 2019
Stanton Energy Reliability Center
Stanton, CA

JACOBS

\\BROOKSIDEFILES\GIS_SHARE\ENBG\00_PROJ\S\SERC\MAPFILES\REPORT\2019\FIGX_DALEAVELAYDOWNAREA_CNDDB5MI.MXD 5/10/2019 8:43:45 AM

Attachment B
Special-Status Species with Potential to Occur

Special-Status Species with Potential to Occur within the Regional Vicinity of the Stanton Energy Reliability Center

Species	Status [a] (Federal/ State/Other)	Habitat Requirements	Potential for Occurrence/ Nearest Identified Occurrence
Chaparral sand-verbena *Abronia villosa* var. *aurita*	---/---/ **CNPS 1B.1**	Annual herb; blooms January through September. Occurs in coastal scrub and chaparral.	**Extirpated.** A historic record {1929) for this species was documented within the Santa Ana River. The population has been extirpated as a result of channelization. Suitable habitat for this species was not observed in the study area.
Parish's brittlescale *Atriplex parishii*	---/---/ **CNPS 1B.1**	Annual herb; blooms July through October. Occurs in shadscale scrub, alkali sink freshwater wetlands, vernal pools and wetland-riparian habitats	**Extirpated.** A historic record (1881) for this species was documented within the vicinity of Buena Park. Suitable habitat for this species was not observed within the Survey Area.
Davidson's saltscale *Atriplex serenana* var. *davidsonii*	---/---/ **CNPS 1B.2**	Annual herb; blooms April through October. Occurs in alkaline soil within coastal bluff scrub and coastal scrub communities.	**Extirpated.** This species was documented within the Seal Beach Naval Weapons Station in 1986. Suitable habitat for this species was not observed within the Survey Area.
Southern tarplant *Centromadia parryi* ssp. *austra/is*	---/---/ **CNPS 1B.1**	Annual herb; blooms May through November. Occurs in grassland and upper edges of coastal marshes, often in disturbed areas.	**Extirpated.** The only occurrence of this species within 5 miles of the Project was last documented in Bolsa Chica in 2003. There is no suitable habitat for this species within the Survey Area.
Salt marsh bird's-beak *Chloropyron maritimum* ssp. *maritimum*	**FE/SE/ CNPS 1B.2**	Annual herb; blooms May through October. Limited distribution at the higher zones of coastal salt marsh and coastal dune habitat.	**Extirpated.** Historic occurrence records for this species have been documented within the regional vicinity; however, the populations are expected to be extirpated. Suitable habitat for this species was not observed within the Survey Area.
Los Angeles sunflower *Lasthenia glabrata ssp. coulteri*	---/---/ **CNPS 1A**	Perennial herb; blooms August through October. Occurs in coastal marshes.	**Extirpated.** A historic occurrence record for this species was documented in Wintersburg (1924). Suitable habitat for this species was not observed within the Survey Area.
Coulter's goldfields *Lasthenia glabrata* ssp. *coulteri*	---/---/ **CNPS 1B.1**	Annual herb; blooms July through February. Occurs in coastal marshes, playas, vernal pools and mesic grasslands	**Extirpated.** A historic occurrence record for this species was documented in the vicinity of Cypress and is presumed to be extirpated (1932). Suitable habitat for this species was not observed within the Survey Area.
Mud nama *Nama stenocarpa*	---/---/ **CNPS 2B.2**	Annual herb; unknown blooming period. Occurs in marshes and vernal pools.	**Extirpated.** This species has been documented within Anaheim Marsh and Fairview Park. Suitable habitat for this species was not observed within the Survey Area.

Special-Status Species with Potential to Occur within the Regional Vicinity of the Stanton Energy Reliability Center

Species	Status [a] (Federal/ State/Other)	Habitat Requirements	Potential for Occurrence/ Nearest Identified Occurrence
Gambel's water cress *Nasturtium gambelii*	**FE/ST/ CNPS 1B.1**	Perennial herb; blooms April through October. Occurs in freshwater and brackish marshes.	**Extirpated.** A historic record (1908) for this species has been documented within the vicinity of Huntington Beach and is presumed to be extirpated because of development. Suitable habitat for this species was not observed within the Survey Area.
Coast woolly-heads *Nemacaulis denudata* var. *denudata*	---/---/ **CNPS 1B.2**	Annual herb; blooms April through September. Occurs in coastal dunes.	**Extirpated.** This species was documented within Bolsa Chica in 2009. Suitable habitat for this species was not observed within the Survey Area.
California Orcutt grass *Orcuttia californica*	**FE/FE/ CNPS 1B.1**	Annual grass; blooms April through August. Occurs in valley grasslands, vernal pools and wetland-riparian communities.	**Extirpated.** This species was documented near Lakewood, but is presumed to be extirpated. Suitable habitat for this species was not observed within the Survey Area.
Brand's star phacelia *Phacelia stellaris*	---/---/ **CNPS 1B.1**	Annual herb; blooms March through June. Occurs in coastal dunes.	**Extirpated.** This species was documented within Bryant Ranch, near Long Beach, but is presumed to be extirpated. Suitable habitat for this species not observed within Survey Area.
Salt Spring checkerbloom *Sidalcea neomexicana*	---/---/ **CNPS 2B.2**	Perennial herb; blooms March through June. Occurs in Creosote bush scrub, chaparral, yellow pine forest, coastal sage scrub, alkali sink and wetland-riparian	**Extirpated.** This species was documented within Bryant Ranch, near long Beach, but is presumed to be extirpated. Suitable habitat for this species was not observed within the Survey Area.
Estuary seablite *Suaeda esteroa*	---/---/ **CNPS IB.2**	Perennial herb; blooms May through October. Occurs in coastal salt marshes.	**Extirpated.** This species was documented within Bolsa Chica State Beach Park in 1973. Suitable habitat for this species was not observed within the Survey Area.
San Bernardino aster *Symphyotrichum defoliatum*	---/---/ **CNPS 1B.2**	Perennial herb; blooms July through November. Occurs in seeps, marshes and mesic grasslands.	**Extirpated.** This species was near Tustin, but is presumed to be extirpated. Suitable habitat for this species was not observed within the Survey Area.
Birds			
Burrowing owl *Athene cunicularia*	**---/---/S3**	Found in open, dry annual or perennial grasslands, deserts, and scrublands characterized by low-growing vegetation.	**Extirpated.** This species was last observed in Orange County at Seal Beach Naval Weapons Station. Suitable habitat for this species was not observed within the Survey Area.
Ferruginous hawk	**---/---/S3, S4**	Found in open grasslands, sagebrush	**Extirpated.** This species was south of Los

Special-Status Species with Potential to Occur within the Regional Vicinity of the Stanton Energy Reliability Center

Species	Status [a] (Federal/ State/Other)	Habitat Requirements	Potential for Occurrence/ Nearest Identified Occurrence
Buteo regalis		flats, desert scrub, low foothills and fringes of pinyon and juniper habitats	Alamitos Armed Forces Reserve Center. Suitable nesting habitat for this species was not observed within the Survey Area.
Swainson's hawk *Buteo swainsoni*	**---/ST/ S3**	Breeds in grasslands with scattered trees; requires adjacent suitable foraging areas such as grasslands supporting rodent populations.	**Extirpated.** This species was near Anaheim, but possibly extirpated. Suitable nesting habitat for this species was not observed within the Survey Area.
Western yellow-billed cuckoo *Coccyzus americanus occidentalis*	**FT/ SE/ S1**	Found nesting in riparian forest, along the broad, lower flood-bottoms of larger river systems.	**Extirpated.** This species was near Anaheim, but extensive development since the date of observation has eliminated nesting and foraging habitat. Suitable habitat for this species was not observed within the Survey Area.
California black rail *Laterallus jamaicensis coturniculus*	**---/ST/ FPS S1**	Suitable habitat generally includes salt marshes, freshwater marshes, and wet meadows.	**Extirpated.** One individual collected near Orange in 1896. Suitable nesting habitat for this species was not observed within the Survey Area.
Least Bell's vireo *Vireo be/lii pusillus*	**FE/ SE/ S1**	Found in low riparian in vicinity of water or in dry river bottoms, below 2,000 ft.	**Extirpated.** The species was near Cerritos, occurrence is likely extirpated. Suitable nesting habitat for this species was not observed within the Survey Area.
Mammals			
Western mastiff bat *Eumops perotis californicus*	**---/---/S3, S4**	Found in conifer deciduous woodlands, coastal scrub, grasslands, chaparral, etc.	**Extirpated.** One individual collected in the vicinity of Buena Park in 1990. Suitable cliff, tunnel, high building or tree roosting habitat for this species was not observed within the Survey Area.
Western yellow bat *Lasiurus xanthinus*	**---/---/S3**	This species prefers riparian woodland habitat, especially where palm trees are found nearby.	**Extirpated.** One individual collected in the vicinity of Garden Grove in 1990. Suitable habitat for this species was not observed within the Survey Area.
Reptiles			
Southern California legless lizard *Anniella stebbinsi*	**---/---/S3**	Found in coastal sand dunes and a variety of interior habitats, including sandy washes and alluvial fans. They live mostly underground, burrowing in the loose, sandy soil.	**Extirpated.** One individual collected in Hawaiian Gardens in 1968. Suitable habitat for this species was not observed within the Survey Area.

Special-Status Species with Potential to Occur within the Regional Vicinity of the Stanton Energy Reliability Center

Species	Status [a] (Federal/ State/Other)	Habitat Requirements	Potential for Occurrence/ Nearest Identified Occurrence
Western pond turtle *Emys marmorata*	**---/---/S3**	An aquatic turtle of ponds, streams, irrigation ditches, below 6,000-foot elevation.	**Extirpated.** This species was documented east of the city limits of Long Beach, in 1987. The species requires sandy banks or grassy open fields at least 0.5 km from water. Suitable habitat for this species was not observed within the Survey Area.
Western spadefoot *Spea hammondii*	**---/---/S3**	Found primarily in grasslands, but occasional populations also occur in valley-foothill hardwood woodlands.	**Extirpated.** One individual collected in Westminster in 1952. Suitable habitat for this species was not observed within the Survey Area.
Invertebrates			
Crotch bumble bee *Bombus crotchii*	**---/---/S1, S2**	Found in coastal California, east to the SierraCascade Crest and south into Mexico.	**Extirpated.** This species was documented in the general vicinity of Fullerton. Suitable habitat for this species was not observed within the Survey Area.
Quino checkerspot butterfly *Euphydryas editha quino*	**FE/---/S1, S2**	Usually associated with openings in scrub, coastal sage scrub, chaparral, oak woodland, and grassland plant communities, especially openings that are characterized by native bunch grasses and forbs.	**Extirpated.** Suitable habitat for this species was not observed within the Survey Area.

California Department of Fish and Wildlife (CDFW). 2017. California Natural Diversity Database (CNDDB). Search within 5 miles. Search within 5 miles. May 10, 2019.

[a] Key to Status Designations:

Federal Designations:

(FE) Federally Endangered, (FT) Federally Threatened, (FPE) Federally Proposed Endangered, (FPT) Federally Proposed Threatened, (FSC) Species of Concern, (FC) Candidate

State Designations:

(SE) State Endangered, (ST) State Threatened, (SR) State Rare, (SSC) Species of Special Concern, (CFP) Fully Protected Species

State rank (S-rank):

(S1) Less than 6 EOs OR less than 1,000 individuals OR less than 2,000 acres, (S2) 6-20 EOs OR 1,000-3,000 individuals OR 2,000-10,000 acres, (S3) 21-80 EOs or 3,000-10,000 individuals OR 10,000-50,000 acres, (S4) Apparently secure within California; this rank is clearly lower than S3 but factors exist to cause some concern; i.e. there is some threat, or somewhat narrow habitat. NO THREAT RANK, (SS) Demonstrably secure to ineradicable in California. NO THREAT RANK.

California Native Plant Society (CNPS) Designations:

(1A) Plants presumed extirpated in California and either rare or extinct elsewhere; {1B) Plants rare, threatened, or endangered in California and elsewhere; (2A) Plants presumed extirpated in California but common elsewhere; (2B) Plants rare, threatened, or endangered in California but more common elsewhere; (3) More information is needed; (4) Limited distribution; (.1) Seriously threatened in California; (.2) Moderately threatened in California; (.3) Not very threatened in California.

Attachment C
Survey Photographs

Photo 1. View west from the southeast corner of the proposed eastern laydown yard. The gravel drive was previously used by killdeer as a nest site.

Photo 2. View west from the northeast portion of the proposed eastern laydown yard.

Photo 3. View west from the northeast corner of the proposed eastern laydown yard.

Photo 4. View northeast from the northeast corner of the proposed eastern laydown yard at the Stanton Storm Channel tunnel where barn swallows were observed entering and exiting.

Photo 5. Google Earth image of the northeast corner of the proposed eastern laydown yard and the Stanton Storm Channel tunnel where barn swallows were observed entering and exiting (circled in red).

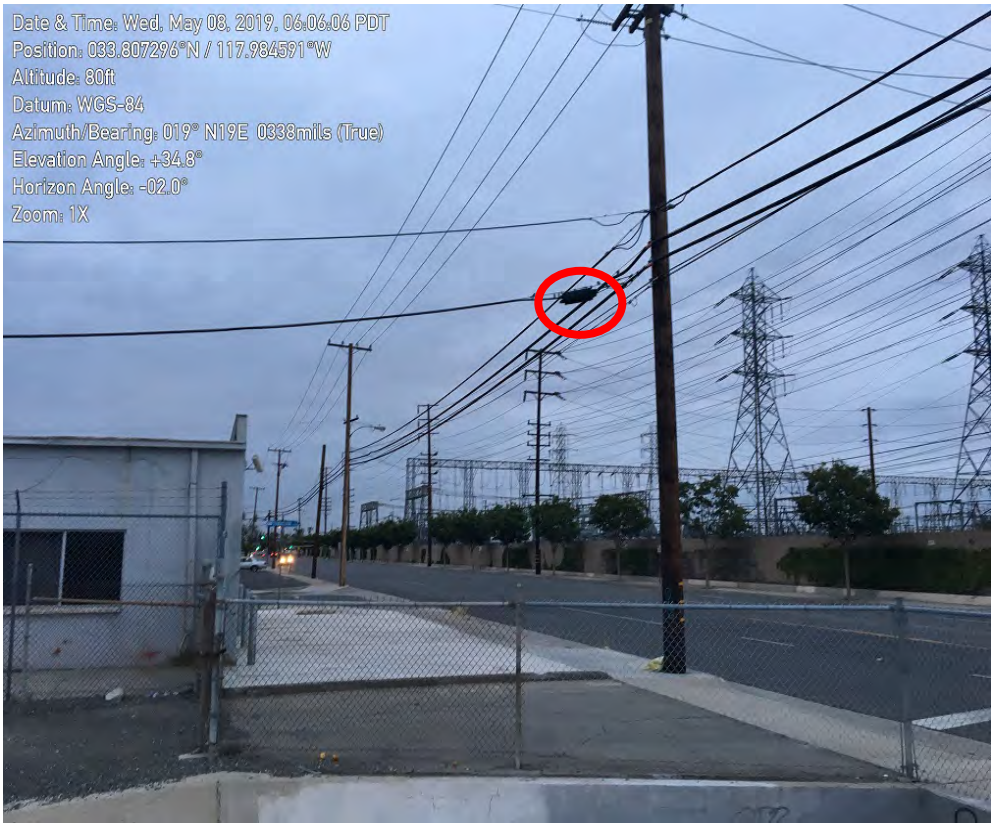


Photo 6. View north-northeast from the northeast corner of the proposed eastern laydown yard at the Stanton Storm Channel tunnel entrance (foreground) and the site of a house sparrow nest (circled in red).

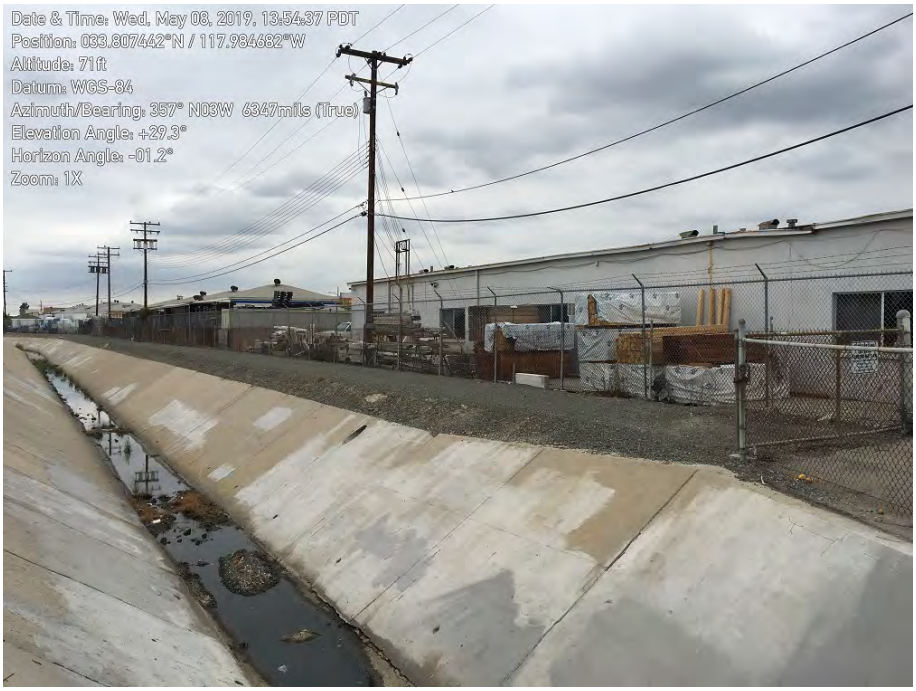


Photo 7. View northwest from outside the northeast corner of the proposed eastern laydown yard above the Stanton Storm Channel tunnel entrance. Industrial businesses line the north side of the Channel.

Photo 8. View southeast from north of the Stanton Storm Channel tunnel entrance at the northeast corner of the proposed eastern laydown yard. The location of a house sparrow nest about halfway up the dead palm tree is circled in red. The nest entrance is facing Dale Avenue.

Photo 9. View southwest from the northeast portion of the proposed eastern laydown yard at a large unsecured trash bin filled with construction type waste materials.

Photo 10. One of the numerous Botta's pocket gopher tunnels visible throughout the proposed eastern laydown yard.

Photo 11**.** Another of the numerous Botta's pocket gopher tunnels visible throughout the proposed eastern laydown yard.

Photo 12. View east from the north-central portion of the proposed western laydown yard. The vehicle bridge currently under construction is visible at right.

Photo 13. View northeast from the north-central portion of the proposed western laydown yard. The parcel is largely covered in dense ruderal vegetation.

Photo 14. View west-southwest from the north-central portion of the proposed western laydown yard. Northernmost of two transmission-line towers located on the parcel is visible at left.

Photo 15. View west-southwest from the southeast portion of the proposed western laydown yard. Southernmost of two transmission-line towers located on the parcel is visible at right. The Cassin's kingbird nest is located 70 feet up on the southernmost leg of the tower, visible at the center of the photo.

Photo 16. View west from the southeast portion of the proposed western laydown yard. Location of the Cassin's kingbird nest is circled in red.

Photo 17. View northeast from the east-central portion of the proposed western laydown yard at area where adult and juvenile killdeer were observed before exiting through gate in eastern perimeter fence.

Photo 18. View east-northeast from the eastern perimeter of the proposed western laydown yard at gate through which adult and juvenile killdeer exited the parcel. The gap in the gate is large enough to permit access to the parcel by dogs, coyotes, etc.

Photo 19. View northwest from the northeast portion of the proposed western laydown yard. Dense shrubbery and several small trees are located just outside the northern perimeter fence where industrial type businesses are located.

Photo 20. View of a Botta's pocket gopher tunnel entrance. The species is common throughout the area.

Photo 21. View from the proposed western laydown yard through the northern perimeter fence at an inactive nest located in dense shrubbery. The nest was likely constructed by a northern mockingbird.

Photo 22. Another view from the proposed western laydown yard through the northern perimeter fence at an inactive nest located in dense shrubbery.

Photo 23. View from the proposed western laydown yard through the base of the northern perimeter fence at a Botta's pocket gopher (circled in red) and the burrow entrance it was just ejected from by another individual of the species.

Photo 24. A closer view of the Botta's pocket gopher pictured in Photo 23.

Attachment D
Observed Plant Species

Observed Pant Species List Stanton Electric Reliability Center Laydown Yards			
Common Name	**Scientific Name**	**Status Federal/State**	**Native or Non-native Species**
wild oat	*Avena fatua*	--/--	Non-native
scarlet pimpernel	*Anagallis arvensis*	--/--	Non-native
black mustard	*Brassica nigra*	--/--	Non-native
ripgut brome	*Bromus diandrus*	--/--	Non-native
red brome	*Bromus madritensis ssp. rubens*	--/--	Non-native
yellow star thistle	*Centaurea solstitialis*	--/--	Non-native
lamb's quarters	*Chenopodium album*	--/--	Non-native
nettle-leaved goosefoot	*Chenopodium murale*	--/--	Non-native
western tansy mustard	*Descurainia pinnata*	--/--	Native
southern crabgrass	*Digitaria ciliaris*	--/--	Non-native
Canada horseweed	*Erigeron canadensis*	--/--	Non-native
red-stemmed filaree	*Erodium cicutarium*	--/--	Non-native
spotted spurge	Euphorbia maculata	--/--	Non-native
foxtail barley	*Hordeum murinum*	--/--	Non-native
prickly lettuce	*Lactuca serriola*	--/--	Non-native
lesser swine cress	*Lepidum didymum*	--/--	Non-native
cheeseweed mallow	*Malva parviflora*	--/--	Non-native
annual yellow sweetclover	*Melilotus indicus*	--!--	Non-native
prickly pear	*Opuntia littoralis*	--/--	Native
prostrate knotweed	*Polyganum aviculare*	--/--	Non-native
Russian thistle	*Salsola tragus*	--/--	Non-native
Peruvian pepper tree	*Schinus molle*	--/--	Non-native
Brazilian pepper tree	*Schinus terebinthfolius*	--/--	Non-native
sow thistle	*Sonchus oleraceus*	--/--	Non-native
Boccone's sand spurry	*Spergularia bocconi*	--/--	Non-native
devil's weed	*Tribulus terrestris*	--/--	Non-native

Federal Designations: (FE) Federally Endangered, (FT) Federally Threatened, (FPE) Federally Proposed Endangered, (FPT) Federally Proposed Threatened, (FSC) Species of Concern, (FC) Candidate
State Designations: (SE) State Endangered, (ST) State Threatened, (SR) State Rare, (CSC) Species of Special Concern, (CFP) Fully Protected Species
California Native Plant Society (CNPS) Rare Plant Rank: (IA) Presumed extinct in California; (1B) Rare, threatened, or endangered in California and elsewhere; (2) Rare, threatened, or endangered in California, but more common elsewhere; (3) More information is needed; (4) Limited distribution; (.1) Seriously endangered in California; (.2) Fairly endangered in California; (.3) Not very endangered in California.

Appendix B

Cultural Resources Survey Report

TECHNICAL MEMORANDUM

Addendum to Cultural Resources Inventory Report for the Stanton Energy Reliability Center.

PREPARED FOR:	Stanton Energy Reliability Center, LLC
COPY TO:	Phil Reid, CRS/Jacobs
	Doug Davy/Jacobs
	Karen Parker/Jacobs
PREPARED BY:	Gloriella Cardenas, Alternate CRS/PaleoWest
DATE:	May 14, 2019

Introduction

Stanton Energy Reliability Center, LLC (SERC, LLC), a joint venture of W-Power and Wellhead Electric, proposes to develop new electrical power generation in Southern California. SERC, LLC is constructing the Stanton Energy Reliability Center (SERC) in the city of Stanton, Orange County, California. This technical memo is an addendum to the original report that was developed in support of the Application for Certification (AFC) before the California Energy Commission. This report addresses a proposed addition the project area of potential effects (APE). The addition consists of area to be used by the contractor hired by SERC, LLC to construct SERC for additional construction laydown and parking.

CH2M conducted the principal surveys in September 2016 as reported in the Cultural Resources Inventory Report for the Stanton Energy Reliability Center (Lawson and Reid 2016). The original report was filed as an appendix to the Application for Certification before the California Energy Commission for the SERC. This survey report is submitted as an Appendix to a Petition for Post-Certification Changes to the SERC license.

PaleoWest archaeologist and Alternate Cultural Resources Specialist, Gloriella Cardenas, M.A. RPA, who meets the qualifications for Archaeologist in the Secretary of the Interior's Professional Qualification Standards, conducted the addendum study and intensive pedestrian survey of the area of potential effects (APE) on May 8, 2019.

The additional survey area comprised a total of 2.64-acres and consists of a vacant parcel within a Southern California Edison (SCE) transmission line right-of-way, for proposed construction laydown and worker parking activities associated with SERC. The proposed laydown area is located adjacent and to the north of Parcel 1 of SERC, accessed from the entrance gate to Parcel 1 at North Dale Avenue, in Stanton, California.

Attachment A contains the APE map.

Environmental Setting

The additional project location is located in the city of Stanton, Orange County, California in a primarily residential area with some commercial zoning along major thoroughfares. Within the SERC study area, existing natural habitats have been entirely displaced. Prior to development, the project was located within open grasslands. Modern development and land use activities have altered the natural setting of

the proposed laydown area and has been used as a landscape plant nursery lot and SCE right-of-way for transmission towers. A concrete-lined drainage canal bisects the survey area and transmission towers are located in the western end.

Methodology

The fundamental goals of a pedestrian survey are to identify and document previously unrecorded cultural resources and to analyze cultural materials, not only to better characterize potential Project effects, but also to attempt to confirm or elaborate on our current understanding of the prehistory and history of the region. From a management perspective, the ability of specific resources to address research questions provides a basis to evaluate CRHR and NRHP eligibility.

The pedestrian survey for prehistoric and historic archaeological resources was performed using pedestrian transects spaced at 15-meter intervals throughout the APE. The APE was surveyed for cultural resources by visually inspecting the ground surface and subsurface exposures, including rodent burrows and cut banks.

Results

The terrain of the Project area, including the addendum survey area, is flat and has sustained disturbances in the form of grading and other activities associated with its previous use as a landscape plant nursery. The entirety of the addendum survey area is composed of a previously disturbed fill prism (Figure 1). Ground visibility of the survey in this addendum was very poor at under 20-percent, due to heavy vegetation and graveled areas. Disturbances to the survey area consist of construction, storage, grading, and other earth disturbing activities.

No new cultural resources were discovered as a result of this investigation.

Figure 1. Addendum Survey area, view east.

Management Considerations

No archaeological or historic sites were discovered as a result of this investigation. Because ground visibility was so poor (Figure 2), and the adjacent SERC Parcel 1 has exposed cultural resources during excavations at just below ground surface, PaleoWest recommends that monitoring for cultural resources be conducted; there is a moderate to high potential for the discovery of buried cultural resources not detected through the surface inventory. Per the Cultural Resources Mitigation and Management Plan for SERC, if cultural resources or archaeological materials are discovered during ground-disturbing activities, the work near the discovery should cease, and the area should be protected until the find can be evaluated by a qualified archaeologist.

Figure 2. Addendum Survey area, view west.

References

Lawson, Natalie and Amy McCarthy-Reid. 2016. Cultural Resources Inventory Report for the Stanton Energy Reliability Center. Prepared for Stanton Energy Reliability Center, LLC, by CH2M HILL, Inc., Santa Ana, California.

N

0 100 200

Feet

- Proposed SERC Laydown Yard
- Proposed SoCalGas Laydown Yard
- Access Lane
- Setbacks around Transmission Towers

Notes:
Aerial Imagery - 2017

Attachment A
Proposed New Laydown Area
Stanton Energy Reliability Center
Stanton, CA

JACOBS

\\BROOKSIDEFILES\GIS_SHARE\ENBG\00_PROJ\S\SERC\MAPFILES\REPORT\2019\FIG_1-2_DALEAVELAYDOWNAREA.MXD KMINO 5/7/2019 4:50:19 PM

Appendix C

Owners of Property within 1,000 feet

126-431-05
RONY & JUDITH L FUCHS
4352 MARGARITA
IRVINE CA 92604

126-431-06
TRANG D PHAN
10591 COURT AVE
STANTON CA 90680

126-431-08
LAM TRUONG
15591 IRIS CIR
WESTMINSTER CA 92683

126-431-18
THONG HUU NGUYEN
14808 HARMONY LN
WESTMINSTER CA 92683

126-431-19
KATHY NGUYEN
3273 TURLOCK DR
COSTA MESA CA 92626

126-432-01
ELECTRIC SHAY
14209 GOODSON RD
CALDWELL ID 83607

126-432-02,03
CEZAR LA
10832 DOROTHY AVE
GARDEN GROVE CA 92843

126-432-07
PHOENIX ASSET MANAGEMENT
8118 E SPRUCEWOOD AVE
ORANGE CA 92869

126-432-08
RONALD ZUELZKE
9586 DEWEY DR
GARDEN GROVE CA 92841

126-432-09
TIMOTHY M PIETZ
10682 CHESTNUT AVE
STANTON CA 90680

126-432-10
ASI LLC
11232 LAMPSON
GARDEN GROVE CA 92840

126-432-11
AG GUICHARD INVEST
PO BOX 904
SUNSET BEACH CA 90742

126-432-12
PIANO KIMS
10658 CHESTNUT AVE
STANTON CA 90680

126-432-13
YONG JIN KIM
9451 DARROW DR
HUNTINGTON BEACH CA 92646

126-432-14,15
FERRARA MARK L LIVING TRUST
8097 PACIFIC ST
STANTON CA 90680

126-432-16
CHARLES GRAFTON REYNOLDS
10681 COURT AVE
STANTON CA 90680

126-434-04,05
LAYTON PROPERTIES
213 FAIRWAY DR
NEEDLES CA 92363

126-434-06
TAI H QUACH
9002 MADISON AVE
WESTMINSTER CA 92683

126-434-07
PROPERTIES LLC TTS
10731 CHESTNUT AVE
STANTON CA 90680

126-441-02
BRENDA GUTIERREZ MARQUEZ
10531 FFRN AVE
STANTON CA 90680

126-441-03
FRANCISCO & TERESA DIAZ
10541 FERN AVE
STANTON CA 90680

126-441-04
SANDRA D OBESO-ANAYA
10551 FERN AVE
STANTON CA 90680

126-441-05
BARRIOS DONACIANO & DE MARIA C
10561 FERN AVE
STANTON CA 90680

126-441-06
KHOA MINH PHAM
7862 SANTA GERTRUDES AVE
STANTON CA 90680

126-441-07
RENEE C BLOOD
10581 FERN AVE
STANTON CA 90680

126-441-08
JO ANN ESPINOSA
10591 FERN AVE
STANTON CA 90680

126-441-09
MOGUEL VICTOR F
10601 FERN AVE
STANTON CA 90680

126-441-10
FRANCISCO DIAZ GONZALEZ
10611 FERN AVE
STANTON CA 92680

126-441-11
WINIFRED FIELD
11421 BOWLES AVE
GARDEN GROVE CA 92841

126-441-12
JAN R WEBB
10602 SYCAMORE AVE
STANTON CA 90680

126-441-13
AIDEE ARRIAGA-LUNA
10592 SYCAMORE AVE
STANTON CA 90680

126-441-14
ALBERT TRANG LE
12472 GLEN ST
GARDEN GROVE CA 92840

126-441-15
LESLIE JOHNSON
10572 SYCAMORE AVE
STANTON CA 90680

126-441-16
JOSE M & RUTILLA MADRIGAL
10562 SYCAMORE AVE
STANTON CA 90680

126-441-17
LIEU T NGUYEN
10552 SYCAMORE AVE
STANTON CA 90680

126-441-18,19
NORMAN GILLESPIE
10542 SYCAMORE AVE
STANTON CA 90680

126-442-01
UNITED OIL TWO
8051 MAIN ST
STANTON CA 90680

126-442-02
JOHN B DOBSON
2584 N FOUNTAIN ARBOR WAY
ORANGE CA 92867

126-442-03
HONG MY TRAN DANG
13341 SAFFORD ST
GARDEN GROVE CA 92843

126-442-04
ALEJANDRO LOPEZ FRANCO
10651 FERN AVE
STANTON CA 90680

126-442-05
MILTON WADLER
23825 ANZA AVE
TORRANCE CA 90505

126-442-06
JOSE ALEJANDRO PAZ
10671 FERN AVE
STANTON CA 90680

126-442-07
TOM MATSUI
10681 FERN AVE
STANTON CA 90680

126-442-08
LAM NGUYEN
317 N NEWHOPE ST
SANTA ANA CA 92703

126-442-09
NAM THIPHUONG NGUYEN
7037 HAMPTON WAY
STANTON CA 90680

126-442-10
MANUEL C RAMIREZ
10702 SYCAMORE AVE
STANTON CA 90680

126-442-11
GARY W PITTMAN
27754 COLD SPRINGS RD
MENIFEE CA 92587

126-442-12,13,14
GRIMAR LLC
10856 VALJEAN AVE
GRANADA HILLE CA 91344

126-442-15
CECILIO & CONSUELO TOBIAS
7772 SANTA GERTRUDES AVE
STANTON CA 90680

126-442-16
MARIA DI DONATO
4481 E VAIL ST
CERRITOS CA 90703

126-442-17
IGNACIO H GARCIA
10632 SYCAMORE AVE
STANTON CA 90680

126-442-18
CHAU MINH LE
1678 W CHANTICLEER RD
ANAHEIM CA 92802

126-443-04
JOSE & LILIANA OLIMON
10551 SYCAMORE AVE
STANTON CA 90680

126-443-05
LARRY R LEWIS
6549 MOHICAN DR
BUENA PARK CA 90620

126-443-06
SKY NGUYEN
10672 MALLARD DR
GARDEN GROVE CA 92841

126-443-08
SEBASTIAN & MARIA C GARCIA
10611 SYCAMORE AVE
STANTON CA 90680

126-443-09
VICTORIA NERI
8131 MAIN ST
STANTON CA 90680

126-443-10
MARIA G LOPEZ
10602 COURT AVE
STANTON CA 90680

126-443-11
LAN DANG TRAN
10592 COURT AVE
STANTON CA 92680

126-443-12
PAUL & SANDRA M GUEBARA
3464 ALDER PL
CHINO HILLS CA 91709

126-443-13
GILBERT P & LORI A LUNA
2440 W GREENACRE AVE
ANAHEIM CA 92801

126-443-14
EPITACIO MADERA & ALICIA M LAMAS
10562 COURT ST
STANTON CA 90680

126-443-16
ROBERT J BINER
5091 WAGON WHEEL DR
YORBA LINDA CA 92886

126-443-18
REYNA VANESSA COBIAN
10581 SYCAMORE AVE
STANTON CA 90680

126-443-20
HUY HOANG
10591 SYCAMORE AVE
STANTON CA 90680

126-443-21
RAMON & RAFAELA LEON
11352 BARCLAY DR
GARDEN GROVE CA 92841

126-443-28
CARLOS SOLIS MORALES
10552 COURT AVE
STANTON CA 90680

126-444-01,04,17,19
KIWI RIVERTON
PO BOX 707
STANTON CA 90680

126-444-03
OUSA FRESQUEZ
13791 ROXEY DR
GARDEN GROVE CA 92843

126-444-06
HARRY R DOGE
10691 SYCAMORE AVE
STANTON CA 90680

126-444-07
CASEY CARGILL
869 CONGRESS ST
COSTA MESA CA 92627

126-444-09
IGANCIO LOPEZ
10682 COURT AVE
STANTON CA 90680

126-444-11
CONSTRUCTION NTV
19 NEW JERESEY
IRVINE CA 92606

126-444-12
CONSTRUCTION NTV
15 VICTORY RD
TUSTIN CA 92782

126-444-15
NGUYEN & TA INVESTMENT
18947 SECRATARIAT WAY
YORBA LINDA CA 92886

126-444-16
GLORIA GUEBARA VALENCIA
11561 STANTON AVE
STANTON CA 90680

126-444-18
LOGAN T PLUMLEE
10671 SYCAMORE AVE
STANTON CA 90680

126-452-04
BURKE STANTON LLC
260 BAKER ST #100
COSTA MESA CA 92626

126-452-08
STANTON PARTNERSHIP
1666 20TH STREET #100
SANTA MONICA CA 90404

126-452-13
FLAM FAMILY PROPERTIES
5537 E SEASIDE WALK
LONG BEACH CA 90803

126-452-14,18
CAROLE J LOGSDON
39905 VIA SCENA #153
PALM DESERT CA 92260

126-452-15
CHOP CHOP
316 VIA LIDO NORD
NEWPORT BEACH CA 92663

126-452-16
8400 CERRITOS
8400 CERRITOS AVE
STANTON CA 90680

126-452-17
CERRITOS BUISNESS PARK L P
P O BOX 1085
TUSTIN CA 92781

126-511-02,03,39
MELVIN W SMITH
501 S PERALTA HILLS DR
ANAHEIM CA 92807

126-511-04
FRED J STECHER
8536 CENTRAL AVE
STANTON CA 90680

126-511-05
LAURIE RAY & PILIN C LARSEN
PO BOX 127
STANTON CA 90680

126-511-08
WILLIAM R KENNEDY
1509 E CHAPMAN AVE
ORANGE CA 92866

126-511-18,36
HILLARY T DEUCHAR
8551 #NAME? RD
STANTON CA 90680

126-511-19
ROQUE CENTER
10936 DALE AVE
STANTON CA 90680

126-511-20
DARRYL L HANN
8625 CENTRAL AVE #D
STANTON CA 90680

126-520-04
SUZANNE JANE ROTH
1509 E CHAPMAN AVE
ORANGE CA 92866

126-531-03
VIOLETTE & BEN SHENOUDA
8441 MONROE AVE
STANTON CA 90680

126-531-04
MUFFS WAREHOUSE
135 S GLASSELL ST
ORANGE CA 92886

126-531-05,07
RICK W WRIGHT
8422 STANDUSTRIAL ST
STANTON CA 90680

126-531-06
RANGEL RAFAEL B
18032 LEMON DR #C212
YORBA LINDA CA 92886

126-531-10
JAMES WINTHROP DE WOLFE
PO BOX 1663
SUNSET BEACH CA 90742

126-531-11
SALVADOR VALENCIA VILLEGAS
8351 MONROE AVE
STANTON CA 90680

126-531-12,13
KRUGER PROPERTIES II
8341 MONROE AVE
STANTON CA 90680

126-531-31
SCOTT RUSSELL L & CHERYL L
8281 MONROE AVE
STANTON CA 90680

126-531-36
LAURIE LEE REUTER
6621 E PACIFIC COAST HWY #270
LONG BEACH CA 90803

126-531-38126-532-15
ORANGE COUNTY FLOOD CONTROL
300 N FLOWER ST 6TH FLOOR
SANTA ANA CA 92703

126-531-39
RICKING LLC
616 E CHAPMAN AVE
ORANGE CA 92866

126-531-40,43,126-553-18
STANTON ENERGY RELIABILITY CTR
650 BERCUT DR #A
SACRAMENTO CA 95811

126-531-42
SPACE PROPERTIES TWO LLC EXTRA
P O BOX 320099
ALEXANDRIA VA 22320

126-532-03
RONNENBERG INC
11292 WESTERN AVE
STANTON CA 90680

126-532-04
LILLIAN ROSSI
8322 MONROE AVE
STANTON CA 90680

126-532-05
VICTOR MANUEL LOZANO
28 VIA MONARCA
MONARCH BEACH CA 92629

126-532-06
HORACE E CADDY
11281 LAURIANNE LN
GARDEN GROVE CA 92841

126-532-07
ROBERT J PAVLOVICH
6451 GLOBAL DR
CYPRESS CA 90630

126-532-08
REBECCA CLARK VALE
4641 WINTHROP
HUNTINGTON BEACH CA 92649

126-532-09
ROBERT T LADNER
8372 MONROE AVE
STANTON CA 90680

126-532-10
ENTLOGMON LP
1020 N BATAVIA ST #B
ORANGE CA 92867

126-532-13,16
ROMANIAN PENTECOSTAL APOSTOLIC
BETHEL
10801 DALE AVE
STANTON CA 90680

126-532-14
CITY OF GARDEN GROVE
11222 ACACIA PKWY
GARDEN GROVE CA 92840

126-541-07
STANTON WESTPORT
2201 DUPONT DR #700
IRVINE CA 92612

126-541-08
HARLAN M LASSITER
6507 E SAINT GERMAIN CIR
ORANGE CA 92869

126-541-22,126-554-18,26
DEBRA L HARPER
8141 ELECTRIC AVE
STANTON CA 90680

126-541-23,126-554-27
JOHNSON & TURNER PAINTING CO
8241 ELECTRIC AVE
STANTON CA 90680

126-541-26
BLAND HUFFMAN
P O BOX 5343
ORANGE CA 92863

126-541-27
CR & R
11292 WESTERN AVE
STANTON CA 90680

126-541-28
JUDITH R DE RUYTER
10980 BOATMAN AVE
STANTON CA 90680

126-541-32
GLEN ALAN WILSON
17181 SANDRA LEE LN
HUNTINGTON BEACH CA 92649

126-553-03,04,05
B C WILSON ENTERPRISES
PO BOX 1919
AVALON CA 90704

126-553-06,126-554-05
EDITA SZEKELY
5 TIDEWATER
IRVINE CA 92614

126-553-07,126-554-09,42
STEVEN B FREEDMAN
8192 MONROE AVE
STANTON CA 90680

126-553-08
INDUSTRIAL SALVAGE FREEDMAN
8192 MONROE AVE
STANTON CA 90680

126-553-11
TED ELLERY DICKSON
832 SAN NICOLAS CIR
HUNTINGTON BEACH CA 92648

126-553-14
GEORGE KATCHERIAN
4263 BIRCH ST
NEWPORT BEACH CA 92660

126-553-15
HILL COMMERCIAL INVESTMENTS
1051 N GROVE ST
ANAHEIM CA 92806

126-553-16
MARK L FERRARA
8097 PACIFIC ST
STANTON CA 90680

126-553-17
TRASK DEVELOPMENT
4 HUTTON CENTRE DR #750
SANTA ANA CA 92707

126-553-20
EXTRA SPACE PROPERTIES 112
PO BOX 320099
ALEXANDRA VA 22320

126-553-22
CITY OF STANTON
7800 KATELLA AVE
STANTON CA 90680

126-554-03,04
EDWARD E FISHER
2884 W LYNROSE DR
ANAHEIM CA 92804

126-554-06,41
BERT J GRIFFIN
1601 N ACACIA AVE
FULLERTON CA 92831

126-554-10,11
JEFFREY E & APRIL ROSE PENN
PO BOX 11376
WESTMINSTER CA 92685

126-554-12
A & S CONCRETE
8140 MONROE AVE
STANTON CA 90680

126-554-13,16
ELECTRIC MONROE PROPERTIES
235 DEININGER CIR
CORONA CA 92880

126-554-14
ERNEST SATORU & HIROKO ARAI
PO BOX 3187
VISTA CA 92085

126-554-15
SETSUKO KOHARA
9132 MARYLEE DR
GARDEN GROVE CA 92841

126-554-17
JURADO MICHAEL J SR & NANCY
9252 BIXBY AVE
GARDEN GROVE CA 92841

126-554-19,20
8151 ELECTRIC
6251 VATCHER DR
HUNTINGTON BEACH CA 92647

126-554-25,31,32,33
LKB INVESTMENTS
8210 ELECTRIC AVE
STANTON CA 90680

126-554-34
GARY AMES
8180 ELECTRIC AVE
STANTON CA 90680

126-554-35
FCI INVESTMENTS
8160 ELECTRIC AVE
STANTON CA 90680

126-554-36
209 FABRICANTE
8150 ELECTRIC AVE
STANTON CA 90680

126-554-39
WAYNE A REIDEL
17810 LONGVIEW CIR
YORBA LINDA CA 92886

126-554-40
BERT FARLEY
PO BOX 5160
BUENA PARK CA 90622

126-554-43
STEVEN A ESPENSCHIED
6251 VATCHER DR
HUNTINGTON BEACH CA 92647

126-554-44,126-562-07
ORANGE COUNTY TRANSIT
P O BOX 3005
GARDEN GROVE CA 92840

126-554-49
GLENN B BALDWIN
8250 ELECTRIC AVE
STANTON CA 90680

126-554-50,51
MICHAEL J SHAW
12452 LORALEEN ST
GARDEN GROVE CA 92841

126-554-52
KINDNESS CAPITAL MANAGEMENT
6461 GLOBAL DR
CYPRESS CA 90630

126-554-53
JEFFREY C STOLL
4650 VIA DE LA MULA
YORBA LINDA CA 92886

126-561-03,14
SCOTT P GRIFFITHS
10761 COURT AVE
STANTON CA 90680

126-561-04,09
KREIG LOPOUR
10762 CHESTNUT
STANTON CA 90680

126-562-03
VIRGINIA CARR
5561 YUBA AVE
WESTMINSTER CA 92683

126-562-04
DENNIS R VON LOSSBERG
327 17TH ST
HUNTINGTON BEACH CA 92648

126-562-06,10
REISING JAMES P TRUST
10831 COURT AVE
STANTON CA 90680

126-563-02,09
TIMOTHY SERAPHINE AVILA
PO BOX 2566
CYPRESS CA 90630

126-563-06
CHRISTINE AGUIRRE
10751 CHESTNUT AVE
STANTON CA 90680

126-591-01
SURFDOG PROPERTIES
2100 W ORANGEWOOD AVE #110
ORANGE CA 92868

126-591-02
KEV MC NEIL PROPERTIES
118 EMERALD
NEWPORT BEACH CA 92662

126-591-03,126-591-04
KEV MC NEIL PROPERTIES
29341 SPOTTED BULL WAY
SAN JUAN CAPISTRA CA 92675

126-591-05,06,12
VIP FAMILY PARTNERS
8322 STANDUSTRIAL ST
STANTON CA 90680

126-591-10,11
LEASING SRP
8322 STANDUSTRIAL #C
STANTON CA 90680

126-591-13
CHARLES D CURREY
2725 JEFFERSON ST #1
CARLSBAD CA 92008

126-591-14
HOWARD E WHITTAKER
12360 LEE LN
GARDEN GROVE CA 92840

126-591-15
TROY FORD
8452 STANDUSTRIAL ST
STANTON CA 90680

126-591-17
MARY H WELLS
PO BOX 799
SANTA MONICA CA 90406

126-591-18
EUREKA ENTERPRISES
5828 LOS ARCOS WAY
BUENA PARK CA 90620

126-591-19
A & P LEASING
8322 STANDUSTRIAL #C
STANTON CA 90680

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Memorandum

2600 Michelson Drive, Suite 500
Irvine, CA 92612
United States
www.jacobs.com

Subject **Stanton Energy Reliability Center (16-AFC-1C)**
Petition for Post-Certification Project Change - Addendum
Additional Construction Laydown Area

To: John Heiser – CEC CPM

From: Doug Davy, Jacobs

Date: May 22, 2019

Copies: Tim Bofman, SERC, LLC
Greg Lamberg, WPower, LLC
Sharon Stureman, SERC, LLC
Karen Parker, Jacobs

Stanton Energy Reliability Center, LLC (SERC, LLC) submitted a Petition for Post-Certification Project Change for the Stanton Energy Reliability Center (SERC) (16-AFC-1C) on May 21, 2019. This document requests the addition of a construction laydown, staging, and parking area adjacent to and north of the SERC project site to SERC's California Energy Commission (CEC) license project description. The proposed staging area is located in a vacant lot off of Dale Avenue in Stanton, California that is owned by Southern California Edison (SCE). A high-voltage transmission line right-of-way serving the nearby Barre Substation occupies the lot and the Stanton Storm Channel bisects the lot. The lot is accessible from the SERC site on both sides of the storm channel.

California Energy Commission Staff have requested additional information regarding the use of the construction laydown, laydown, and parking area. This addendum to the Petition for Post-Certification Change addresses the Staff's request for information in Table 1, below.

Table 1. Staff Information Requests and Responses

Information Request	Response
How will the construction contractor prepare the site for use? Will there be vegetation grubbing and/or earthwork/ grading?	The contractor will mow the existing ruderal vegetation. The contractor will not grade the site.
What is the proposed depth of ground disturbance of the proposed laydown area?	There will be no ground disturbance other than installation of posts for temporary fencing.

Table 1. Staff Information Requests and Responses

Information Request	Response
How will materials be stored on the laydown yard? Will they be laid on the bare ground, on gravel, or on wood dunnage?	Materials will be laid on top of the bare ground and on wood dunnage such as pallets. Gravel will not be placed on the ground before use.
How many construction vehicles will be required to prepare the laydown yard for use?	One or two mowers will be required to prepare the site for use (mowing existing vegetation).