SOUTHERN CALIFORNIA EDISON
An EDISON INTERNATIONAL Company

Laura Placencia
Project Analyst
State Regulatory Operations

February 8, 2015

Re: Responses to A.15-04-013 RTRP-CPUC Deficiency Report-SCE-002

Dear Ms. Hietter,

Please find enclosed a CD which includes responses to the following Deficiency Report Responses:

- A.15-04-013 RTRP-CPUC Deficiency Report-SCE-002 Q.01 Response + Attachment
- A.15-04-013 RTRP-CPUC Deficiency Report-SCE-002 Q.13 Response + Attachments (zip files)

Should you have any questions or concerns, please feel free to contact me **at (626) 302-6838** or **Laura.Placencia@sce.com**.

Sincerely,

Laura Placencia
Project Analyst, State Regulatory Operations
Southern California Edison Company

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Southern California Edison
RTRP A.15-04-013

DATA REQUEST SET A.15-04-013 RTRP-CPUC Deficiency Report-SCE-002

To: CPUC
Prepared by: Kenneth Spear
Title: Project Manager
Dated: 12/02/2015

Question 01:

Provide preliminary engineering plans and a detailed route map for the entire RTRP 230 kV alignment and substations. The preliminary engineering and detailed route maps need to include the locations of all temporary and permanent work spaces including:

- **Pole work areas (e.g., crane pads)**
- **Lattice steel tower work areas**
- **Conductor stringing pull and tension areas**
- **Guard structures**
- **230-kV conductor field snub areas**
- **Temporary downline, access and spur roads**
- **Permanent access roads**
- **Temporary staging yards**

The Final EIR provides a calculated area of disturbance for each work area in Table 2.5-3a; however, there is no mapping of these work areas that show the maximum limits of the area of disturbance. Further engineering details and mapped locations of the disturbance area are required to verify the impacts to environmental resources and determine the conflicts with recent developments. As an example, the pole and work area at Wineville Avenue and Landon Drive appear to conflict with recent development in the area.

Response to Question 01:

Attached is a detailed route map for the entire RTRP 230 kV alignment and substation. The map includes both temporary and permanent work locations.

Please note, the temporary and permanent work areas associated with RTRP, including the depicted structure locations for tubular steel poles (TSPs), lattice steel towers (LSTs) and access roads, are preliminary and subject to change pending the CPUC's approval of RTRP's CPCN application and final engineering by SCE. Therefore, the depiction of the route for the RTRP 230 kV alignment and substation attached here identifies potential areas of disturbance ("buffers") within which the work areas described in the FEIR's description of "Land Disturbance" at pgs. 2-87 to 2-89, and specifically in Table 2.5-3a, will be located. These buffers have been established around the preliminary structure locations to capture potential work areas so that:

- An environmental assessment of the areas of potential disturbance can be performed;

- Property owners who may potentially be impacted by the Proposed Project are identified; and
- Flexibility is provided to allow the work areas to be adjusted in a manner which minimizes impacts to sensitive resources and/or avoids obstructions during construction.

Final placement of the work areas described in FEIR Tables 2.5-3a –b will be undertaken consistent with assumptions and mitigation measures described in the FEIR to minimize land disturbance impacts, including compliance with: all regulations and policies outlined in the Western Riverside County Multiple Species Habitat Conservation Program (MSHCP) (*see* FEIR at 3-134, 3-251); the best management practices and siting and design criteria set forth in Section 7 and Appendix C of the MSHCP (see FEIR at 3-134, 3-251); assumptions and mitigation measures (MM) supporting biological resources (MM BIO-1 through BIO-13, see FEIR section 3.2.4, *Biological Resources*); and assumptions supporting potential Project impacts to land use and planning (see FEIR section 3.2.9, *Land Use and Planning*).

The size of the buffer areas directly relate to the type of construction work to be conducted at a particular location. Examples of these construction areas are as follows:

- TSPs - 200 ft. radius
- LSTs - 300 ft. radius
- TSP/LST stringing location - 600 ft. radius

Once structure locations are verified during final engineering, the buffer areas around the structure will be reassessed and the specific work areas around the structures will be further defined.

Specific locations for conductor splicing or field snubs, guard structures, and permanent access roads will also be identified during final engineering.

Note, since the originally identified staging yard 2 location is no longer available due to a new housing development, an alternate location has been tentatively identified approximately 350 ft. north of Cantu Galleano Ranch Rd on the west side of Etiwanda Ave.

Southern California Edison
RTRP A.15-04-013

DATA REQUEST SET A.15-04-013 RTRP-CPUC Deficiency Report-SCE-002

To: CPUC
Prepared by: Kenneth Spear
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Dated: 12/02/2015

Question 13:

Provide GIS data for the following:

• Project alignment, substations, and all temporary and permanent impact areas defined in response to Item 1 above

• Biological resources including

- o **Vegetation communities**
- o **Special status species locations**
- o **Jurisdictional resources**

• Cultural resources including

- o **Resource locations and boundaries**
- o **Survey boundaries**

Response to Question 13:

Attached is the requested GIS data for Question 13.

Description:
The project description is based on planning level assumptions. Exact details would be determined following California Public Utilities Commission (CPUC) approval of the Certificate of Public Convenience and Necessity (CPCN) for the Riverside Transmission Reliability Project (RTRP), completion of final engineering, identification and confirmation of field conditions, availability of labor, material, and equipment, and compliance with applicable environmental and permitting requirements.

Use Limitation:
These Geographic Information Systems (GIS) locations of project components may change based on any of the following: the CPUC's RTRP CPCN approval; the completion of final

engineering; any changes to existing field conditions and/or the identification of yet unknown field conditions; system outage constraints; as well as any constraints caused by compliance with applicable environmental and/or permitting requirements.

Data provided by:
Preliminary Engineering performed by Powers Engineering as submitted in EIR.

- Pole Location
- Transmission Line
- Substation
- Access Roads

Data provided by SCE:

- Ground Disturbance Area Data (GDAD) buffer areas
- Tentative Material Yards.

Biological Data provided as submitted in EIR.

Please note, GDAD buffer areas indicate potential areas of disturbance within which the work areas described in the FEIR's description of "Land Disturbance" at pgs. 2-87 to 2-89, and specifically in Table 2.5-3a, will be located. These buffers have been established around the preliminary structure locations to capture potential work areas so that:

- An environmental assessment of the areas of potential disturbance can be performed;
- Property owners who may potentially be impacted by the Proposed Project are identified; and
- Flexibility is provided to allow the work areas to be adjusted in a manner which minimizes impacts to sensitive resources and/or avoids obstructions during construction.

Final placement of the work areas described in FEIR Tables 2.5-3a –b will be undertaken consistent with assumptions and mitigation measures described in the FEIR to minimize land disturbance impacts, including compliance with: all regulations and policies outlined in the Western Riverside County Multiple Species Habitat Conservation Program (MSHCP) (*see* FEIR at 3-134, 3-251); the best management practices and siting and design criteria set forth in Section 7 and Appendix C of the MSHCP (*see* FEIR at 3-134, 3-251); assumptions and mitigation measures (MM) supporting biological resources (MM BIO-1 through BIO-13, *see* FEIR section 3.2.4, *Biological Resources*); and assumptions supporting potential Project impacts to land use and planning (*see* FEIR section 3.2.9, *Land Use and Planning*).

The size of the GDAD buffer areas directly relate to the type of construction work to be conducted at a particular location. Examples of these construction areas are as follows:

- TSPs - 200 ft. radius
- LSTs - 300 ft. radius
- TSP/LST stringing location - 600 ft. radius

Once structure locations are verified during final engineering, the buffer areas around the

structure will be reassessed and the specific work areas around the structures will be further defined. Specific locations for conductor splicing or field snubs, guard structures, and permanent access roads will also be identified during final engineering.

Lastly, since the originally identified staging yard 2 location is no longer available due to a new housing development, an alternate location has been tentatively identified approximately 350 ft. north of Cantu Galleano Ranch Rd. on the west side of Etiwanda Ave.