PUBLIC UTILITIES COMMISSION
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298

September 27, 2017

Don Dow
Project Manager
Southern California Edison
2 Innovation Way, 3rd Floor
Cubicle 375A
Pomona, CA 91768

RE: Mesa 500-kV Substation Project – Notice to Proceed (NTPR)-1 for initial project construction activities

Dear Mr. Dow:

Southern California Edison (SCE) has requested authorization from the California Public Utilities Commission (CPUC) to commence construction on select activities for the Mesa 500-kV Substation Project (Mesa Substation Project). NTPR-1 shall include the removal, replacement, relocation, modification, and/or construction of: lattice steel towers (LST), temporary steel poles, tubular steel poles (TSPs), a lightweight steel pole, concrete foundation, conductor, wood poles, telecommunications cables and associated splice boxes, manholes, streetlights, a Metropolitan Water District waterline, a detention basin, and substation construction support components. Construction for NTPR-1 will be confined to the following activities:

Substation Support Components

Staging Yards
SCE or its contractor will establish three staging yards that will be used for substation construction, as well as for the construction of additional transmission, subtransmission, distribution, and telecommunications features.

Site Preparation
Site preparation activities will involve grading, vegetation removal, construction trailer installation, and land disturbance associated with the preparation of construction staging areas, and the installation of construction roads and of approximately 2,300 linear feet of new permanent access roads. SCE or its contractor(s) will also engage in activities associated with the installation of temporary chain-link fencing around the future Mesa Substation site.

Retaining Walls
Three permanent retaining walls combined with three perimeter walls will be installed at the project site. The first wall is along Potrero Grande Drive, the second wall is on the corner of Potrero Grande Drive and Greenwood Avenue, and the third is along the southern perimeter of the project.

Metropolitan Water District Waterline Relocation
SCE or its contractor(s) will engage in activities associated with the Metropolitan Water District waterline relocation, including the removal of approximately 2,700 feet of an MWD 72-inch-diameter waterline. The pipe will be replaced with an approximately 3,200 foot long, 84-inch-diameter waterline.

Storm Drain
Activities associated with the storm drain component under NTPR-1 include the installation of 21 manholes, v-ditches totaling approximately 6,007 linear feet, 33 inlets, 2 headwalls/wingwalls, a detention basin (approximately 387 feet by 396 feet, or 2.67 acres), and approximately 4,900 linear feet of storm drain pipe (in various diameters from 18 to 72 inches).

Groundwater Monitoring Wall Decommissioning
The 11 existing on-site groundwater monitoring wells will be decommissioned by SCE or its contractor(s) over a period of 5 to 10 business days.

Mechanical Electrical Engineering Room
SCE or its contractor(s) will engage in activities associated with the construction of one of the two proposed Mechanical Electrical Engineering Rooms (MEERs). Under NTPR-1, SCE will construct the basement of the senior MEER, connected to the proposed 500-, 22-, and 66-kV switchracks.

Modifications to Existing Mesa Substation
SCE or its contractor(s) will engage in activities within the existing Mesa Substation including, vegetation removal and temporary fencing around the existing substation, modifications to the existing switchrack apparatus, and install new polyvinyl chloride duct banks to connect the existing operating theater telecommunication rom with the new MEER.

Transmission Line Relocations

- Replace 20 existing 220-kV lattice steel tower (LST) structures with 10 new LST structures and 2 new tubular steel pole (TSP) structures. Structure removal will include existing conductor and foundations to various depths.
- Install 6 temporary steel poles and 16 spans of temporary conductor to re-route existing 220-kV lines.

Subtransmission Line Relocations

- Replace 15 existing 66-kV LSTs with four new TSP structures and one light weight steel pole within the substation property and in the transmission ROW areas adjacent to Mesa Substation.
- Install 12 temporary wood poles and nine double-circuit spans of conductor.

Telecommunications Line Relocations

- Remove and reattach existing skywrap fiber optic cabling wrapped around the overhead ground wire strung between two existing 220-kV LSTs.
- Connect cable to a new splice box installed approximately 25 feet above ground, and connect splice box to a new underground conduit.
- Re-route optical ground wire (OPGW) from splice box on existing 500-kV structure through new riser and underground conduit to connect to existing conduit.
- For both re-routes, install three manholes, approximately 1,100 feet of new conduit and approximately 4,800 feet of underground fiber cable.

Distribution Line Relocations

- Remove eight existing 16-kV wood poles within the substation property and replace one 16-kV wood pole on the south side of Highway 60 with a new 16-kV TSP.
- Install approximately 2,250 feet of new underground cable in existing conduits through five existing vaults or manholes, including installation of a new pad-mounted switch.
- Replace approximately 200 feet of underground conductor from an existing manhole to an existing pole.
- Replace two existing street light poles and associated overhead conductors with new concrete street lights fed by underground conductors installed in approximately 500 feet of new 3-inch conduit.

Additionally, existing access roads will be modified and new permanent access roads will be installed. These activities are further described in the Final Environmental Impact Report (FEIR) and FEIR Errata for the Mesa Substation Project [as adopted by the CPUC (Decision 17-02-015)].

NTPR-1 is granted by the CPUC for the proposed construction activities based on the understanding that SCE and its contractor(s) will meet the following Conditions:

- SCE shall comply with all Applicant Proposed Measures (APM) and Mitigation Measures included in the Mitigation, Monitoring, Compliance, and Reporting Program (MMCRP) for the Mesa Substation Project. All project compliance plans and permit conditions shall be implemented during construction activities. Some measures are on-going/time-sensitive requirements and shall be implemented prior to and during construction where applicable.
- Copies of all relevant permits (i.e., Section 1600 Streambed Alteration Agreement, Biological Opinion, Section 404 Permit, etc.), compliance plans (i.e., MMCRP, SWPPP,

etc.), and this Notice to Proceed shall be available on-site for the duration of construction activities. Copies of permits shall be provided to the CPUC.

- Preconstruction clearance surveys for biological, cultural, and paleontological resources shall be conducted as appropriate prior to construction activities by CPUC-approved monitors.
- All project personnel shall undergo Worker Environmental Awareness Program training on environmental issues, including requirements of the MMCRP, prior to starting work. A log shall be maintained on-site with the names of all project personnel trained and sign-in sheets shall be submitted to the CPUC monthly.
- No movement or staging of construction vehicles or equipment shall be allowed outside of the approved workspace areas. If additional temporary workspace areas or access routes, and/or changes to construction techniques are required, CPUC must review and approve.
- If construction debris or spills enter into environmentally sensitive areas, the jurisdictional agencies and the CPUC shall be notified immediately.
- SCE shall acquire all necessary encroachment permits from Caltrans prior to conducting work within the Caltrans ROW.
- If hazardous materials will be stored on-site over threshold quantities, then a Hazardous Material Business Plan shall be submitted to the CPUC 30 days prior to storage of these materials.
- If transformer oil will be delivered to the project site, then a Spill Prevention, Control, and Countermeasure Plan shall be prepared and submitted to the CPUC 30 days prior to delivery.
- SCE shall send pre-construction notifications to sensitive receptors located within 100 feet of construction activities at least 30 days prior to construction.
- SCE shall submit resumes for biologists, cultural resources consultants, and paleontological monitors prior to the start of construction for approval by the CPUC.
- SCE shall not begin vegetation removal or construction-related activities in occupied coastal California gnatcatcher habitat until financial assurances have been received by United States Fish and Wildlife Service and the CPUC receives confirmation of receipt, per Conservation Measure 5 in the Biological Opinion.

Sincerely,

Lisa Orsaba
CPUC Project Manager

Cc:
Jenny Vick, E & E Project Manager

Lori Rangel, SCE Environmental Project Manager

Attachments: Notice to Proceed Request-1 for Initial Project Related Activities for the Mesa 500-kV Substation Project