

Southern California Edison
A.23-03-005 – Cal City PTC

DATA REQUEST SET E D - S C E - 0 0 4

To: Energy Division
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Job Title: Sr. Environmental Project Manager
Received Date: 5/1/2024

Response Date: 6/26/2024

Question 01:

PEA Section 5.3.4.5 states: “Total duration of construction activities could extend for up to 24 months, but it is unlikely the activities within the vicinity of identified sensitive receptors would occur for longer than 2 months, which has been identified as the minimum time for evaluating cancer risks following OEHHA guidance. Section 3.6.5, Work Schedule, describes the various activities that generally range from 1 to 20 days. Staging areas that will be used for a period greater than 6 months would not be located within 1,000 feet of identified sensitive receptors.”

However, based on Google Earth imagery dated June 2023, the general disturbance area for construction of the Cal City Substation improvements would be about 430 feet northwest of the closest existing residence off Mendiburu Road, and Staging Area 1-17, which is identified as a preferred staging area, would be approximately 290 feet west-northwest of that same residence. PEA Table 3-11 indicates construction of the Cal City Substation improvements would last for more than 1.5 years and PEA Table 3-10 indicates the staging areas would be active for approximately 2 years. Given that substation construction and staging area activities would occur for well over 2 months within 430 feet and 290 feet, respectively, from the nearest sensitive receptors, please prepare a health risk assessment for diesel particulate matter that would be generated by that work.

Response to Question 01:

Southern California Edison Company (SCE) has prepared a health risk assessment (HRA) to determine the potential for construction to pose health risks to sensitive receptors near construction activities anticipated at Cal City Substation, specifically. As detailed in the attached HRA memorandum, the Proposed Project’s construction activities at Cal City Substation, including Staging Area 1-17, would not result in health risks to nearby sensitive receptors that exceed Eastern Kern Air Pollution Control District’s cancer and hazard risk thresholds. The HRA was conducted using emissions data provided in updated Air Quality calculations spreadsheets for the Proposed Project, which were submitted to the California Public Utilities Commission (CPUC) in May 2024.

The following materials are attached to this response:

- A. 23-003-005 ED-SCE-004 Q. 1_Construction HRA Memo
- A. 23-003-005 ED-SCE-004 Q. 1_Construction HRA Memo Model Files