

4.8 HAZARDS AND HAZARDOUS MATERIALS

4.8.1 Proposed Project

This section describes the existing hazards and hazardous materials in the project area for Segments 2 and 3 of the Antelope Transmission Project (refer to Figure 3-1). Segment 2 consists of 21.0 miles of 500 kV T/L and 0.5 mile of 220 kV T/L between the Antelope and Vincent Substations as well as T/L tie-ins at both substations (refer to Figures 3-1 and 3-2). Segment 2 also includes approximately 4.4 miles of 66 kV subtransmission line relocation south of the Antelope Substation. Segment 3 consists of a proposed 25.6-mile-long 500 kV T/L between the Antelope Substation and Substation One (new), and a new 9.6-mile-long 220 kV T/L between the two new substations, Substation One and Substation Two (refer to Figures 3-1 and 3-3).

The proposed T/L routes, as well as the proposed substation sites for Segments 2 and 3, are not known to contain hazardous materials, wastes, or other related risks to human health and safety. SCE would perform a Phase I Environmental Site Assessment (ESA) prior to acquisition of new property to confirm that no soil contamination exists in areas to be graded or excavated as part of this project.

The proposed T/L routes for Segments 2 and 3 traverse area with seasonally high fire hazard.

4.8.2 Alternatives

Similar to the proposed 500 and 220 kV T/L and 66 kV subtransmission line relocation routes and substations, the alternative T/L routes and substation sites are not known to contain hazardous materials, wastes, or other related risks to human health and safety. If an alternative T/L route or substation site were selected, SCE would perform a Phase I ESA prior to construction to confirm that no soil contamination exists. The seasonally high fire hazard present along portions of the proposed T/L routes is also applicable to the corresponding portions of the alternative T/L routes.