

**4.8 HAZARDS AND HAZARDOUS MATERIALS****4.8.1 Proposed Project**

This section describes the existing hazards and hazardous materials in the proposed project area for Segment 1 of the proposed Antelope Transmission Project. The proposed project involves construction of a new 25.6-mile-long 500 kV T/L between the existing Antelope and Pardee substations, as well as modification and expansion of the Antelope Substation and minor modifications to the Pardee Substation. The proposed 500 kV T/L route and the proposed Antelope Substation expansion area are not known to contain hazardous materials or other related risks to human health and safety. The proposed project would include removal of an existing 66 kV line along the majority of the proposed 500 kV T/L route. SCE would perform a Phase I Environmental Site Assessment (ESA) prior to construction to confirm that no soil contamination exists in areas to be graded or excavated as part of this project.

The proposed Segment 1 500 kV T/L route between the Antelope and Pardee substations traverses areas, including the Angeles National Forest, with seasonally high fire hazard.

**4.8.2 Alternatives**

Similar to the proposed 500 kV T/L route, the Alternative 1 500 kV T/L route is not known to contain hazardous materials. If Alternative 1 were selected, SCE would perform a Phase I ESA prior to construction to confirm that no soil contamination exists along this alternative route. The seasonally high fire hazard present along the proposed route is also applicable to the Alternative 1 route.