

5.4 GEOLOGICAL AND PALEONTOLOGICAL RESOURCES

This section describes the portions of the Modified Project that may affect the analysis, rationale, conclusions, and Conditions of Certification contained in the Commission Final Decision for the Approved Project as it relates to geological and paleontological resources.

5.4.1 Summary of Project Changes

The Modified Project removes the deeper foundations that would have been required within the power blocks for each of the four units of the Approved Project. No other aspect of the Modified Project is relevant to the analysis of geological or paleontological resources.

5.4.2 Changes in Environmental Impacts

The only change in environmental impacts to geological and paleontological resources is a reduction in the potential to discover paleontological resources for the Modified Project due to elimination of the deeper foundation excavations associated with the Approved Project.

5.4.3 Compliance With LORS

There are no differences in the LORS analysis between the Modified Project and the Approved Project. LORS relating to the design of the Modified Project as contained in the Final Decision would ensure the Modified Project is designed to minimize impacts to and from geologic hazards.

Similarly, there are no specific LORS designed to protect paleontological resources that would be applicable to the Modified Project in a manner different than would be applicable to the Approved Project.

5.4.4 Conditions of Certification

No changes to Conditions of Certification in the areas of Geological or Paleontological Resources are necessary for the Modified Project.