

DOCKETED

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LA PALOMA GENERATING PROJECT (98-AFC-02C)
**Petition for Post-Certification Change Emergency Standby Electrical
Generator**

Data Requests

CULTURAL RESOURCES

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BACKGROUND

The Project Owner is proposing a modification to install an emergency standby electrical generator to power the existing West Kern Water District pump station water pumps for process cooling water at the La Paloma Generating Project in the event of grid power loss. The emergency genset would have an accompanying diesel storage tank with secondary containment and would be enclosed in a Connex container (Stantec Consulting Services Inc. 2022, pp.1).

DATA REQUESTS

The petition states that the installation of an emergency and diesel storage tank does not include any groundbreaking activities. (Stantec Consulting Services Inc. 2022, pp.4). Please answer the following questions:

1. Would the project owner need to install electrical conduit(s) between the proposed electrical generator and the water pumps?

The petition should be revised to state that there will be minimal groundbreaking activities at the project site.

The proposed project does not include any substantial groundbreaking activities at the WKWD pump site. All work associated with the proposed project will occur within the current fence-line of the pump station. The existing pump station site was disturbed to a depth of 18 feet for the installation of the inlet piping to the pumps and is currently covered with an inch of gravel, therefore there are no anticipated additional impacts to native soils.

The proposed project will involve some minor ground surface disturbance of approximately 20,000 square feet for the installation of a concrete pad for the generator and fuel tanks skids. The anticipated depth of the concrete pad is not anticipated to exceed two feet. There is also a need to install approximately 89 linear feet of conduit from the proposed emergency generator to the pump station; the anticipated maximum depth of the trench to carry the conduit is 48 inches. Given that project site has previously been excavated to a depth of 18 feet and graded and is currently covered in non-native gravel potential impacts to native soils and thus unanticipated cultural resource discoveries are minimal.

The proposed project would not install electrical conduit between the proposed generator and the water pumps but will install conduit between the proposed generator and the existing pump station building.

2. Would any such electrical conduit(s) be routed above or below ground?

The proposed conduit will be routed below ground.

3. If the conduit(s) connect underground, how would this be done without groundbreaking activities?

Please refer to response #1, where the ground disturbance is clarified to indicate that ground disturbance would be minimal.

4. If the project owner does require groundbreaking activities to connect the electrical conduit(s) from the generator to the water pumps, please describe the groundbreaking activities, including the depth and width of any trenches or the depth and diameter of any borings.

The proposed project will require a concrete pad for the for the generator and fuel tanks skids. The anticipated area of disturbance is 20,000 square feet and approximately 2 feet of depth.

The proposed project will also require 89 linear feet of conduit between the proposed generator and the existing pump station. The anticipated depth is between 36 inches and 48 inches. The anticipated width of the trench is approximately 3 feet maximum. Total soil disturbance is estimated at 1,068 cubic feet.

REFERENCE CITED

Stantec Consulting Services Inc. 2022 – La Paloma Generating Project. La Paloma Generating Project (98-AFC-02C) Petition to Amend. October 9, 2019. TN 241487. February 8, 2022.