

Nuclear Power Plant Decommissioning

Plant: Rancho Seco Nuclear Power Plant
Project: Nuclear Steam Supply Decommissioning Support
Unit: Single Unit Plant
Location: Herald, CA
Owner: Sacramento Municipal Utility District
Year: 1999 -2008

Scope:

Bigge Power Constructors, as subcontractor to SMUD, performs the following nuclear power plant decommissioning work involving heavy lift and heavy transportation for the Rancho Seco Spent Fuel Movement Project

- Moved the spent fuel from the Fuel Pool into the storage canisters.
- Moved the canisters to the specialized transport vehicle
- Transported the spent fuel canisters to the on-site storage moving a total of 21 canisters.
- Loaded the 21 canisters the ISFSI.

Job Challenges:

Bigge Constructors successfully dealt with the following challenges on this project.

- Engineering unique solution for lifting and transportation utilizing specialized equipment
- Handling of twenty-one spent fuel canisters

