

# BNL ALARA Center Data Base

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## PACIFIC NUCLEAR FIELD IMPLEMENTATION

**Keywords:** CONTAMINATION REMOVAL; FULL SYSTEM DECONTAMINATION; DECONTAMINATION

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**Project Manager:**

**Objectives:** Summarize Pacific Nuclear's scope of work for field implementation of the PWR full reactor coolant system (RCS) decontamination at Consolidated Edison of NY's Indian Point 2 Nuclear Power Station.

**Comments:** Pacific Nuclear has turnkey responsibility for all engineering, equipment, construction, decontamination processing and waste processing services, including craft labor for implementation of the full RCS decontamination project. The tasks being performed include:

- 1) Engineering for plant interface modifications
- 2) Engineering and fabrication of decon process system
- 3) Development of operating procedures for decon process
- 4) Construction of plant interface modifications
- 5) Decon process system testing and installation
- 6) Tie-in to reactor coolant system
- 7) Decon implementation (5 step CAN-DEREM/AP process)
- 8) Waste equipment supply and waste processing
- 9) Plant restoration and demobilization

**Remarks/Potential for dose limitation:** A full RCS decontamination final report will be prepared and issued describing the results of the decontamination process and the results of several tests which will be performed as part of the national demonstration of PWR full system decontamination.

**References:** Sheffield, J., "Pacific Nuclear Field Implementation," *Fifth Workshop on Chemical Decontamination*, Electric Power Research Institute, Charlotte, North Carolina, 1993.

**Duration:** from: 1992 to: 1995

**Funding:** N/A

**Status:** In progress

**Last Update:** October 4, 1993