

# DECOMMISSION AND DISMANTLEMENT

PORTLAND GENERAL ELECTRIC  
TROJAN NUCLEAR PLANT  
RAINIER, OREGON



## DESCRIPTION

On-site contractor, decommissioning and dismantlement services at the 1,150 MW pressurized water reactor nuclear plant.

## SERVICES PROVIDED

NAES Power Contractors was the on-site contractor for Portland General Electric (PGE) at the Trojan Nuclear Plant starting in 1985. From 1994 to 2002 NAES Power Contractors provided decommissioning and dismantlement services at the plant. Work was performed under the terms and conditions of the General President's Project Maintenance Agreement (GPPMA).

- Large component removal, 4 steam generators and 1 pressurizer
- Containment post stress tendon removal project, containment roll-up door installation
- Concrete cutting containment, pressurizer shed and bioshield walls
- Pressure grouting pressurizer and steam generators
- Source term reduction projects, removal of radioactive sources inside bioshield; containment demolition, waste processing and production
- Construction of the independent spent fuel storage area
- Remove refueling cavity liner plate
- Reactor vessel and internals removal project
- Maintenance support of concrete cutting, removal and decontamination services
- Dismantle main steam structural support and electrical penetration area
- Decontamination of steam generator blowdown building
- Turbine building decommission, dismantlement and miscellaneous outside demolition
- Construction of 34 vertical concrete casks (VCC)
- Spent fuel loading/fuel transfer

### Headquarters

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NAES Power Contractors provides world class maintenance and construction services for energy facilities, and is a wholly owned subsidiary of NAES Corporation, the global leader in third party power plant operations.