

Steam Generator Replacement

Leading the Industry



North Anna, Virginia, U.S.A.

Since the first steam generator replacement at a U.S. power plant more than 20 years ago, Bechtel has performed more SGR projects than any other contractor. Our experience to date, as the prime contractor for an SGR, comprises 24 projects compared to the next closest competitor with 4 projects. Leading the industry in technology and safety, Bechtel has set and re-set industry records for the lowest radiation exposures, the shortest outages, and personnel safety.

Our success is rooted in the close working relationship we establish with customers and the detailed planning and preparation that have become Bechtel hallmarks. We have an outstanding relationship with the U.S. Nuclear Regulatory Commission and draw on an unparalleled set of resources for each project:

- More than 400 experienced managers, engineers, and technicians
- Specialty contractors with wide-ranging nuclear experience
- An extensive lessons-learned database
- Industry-leading SGR technology

Bechtel offers a full range of SGR and outage management services, from feasibility studies and procurement support to engineering, licensing, project management, and implementation.

BECHTEL'S INDUSTRY ACHIEVEMENTS

- Shortest overall replacement schedule ever achieved — 68 days breaker to breaker
- Lowest U.S. SGR accumulated radiation exposure — 104 man-rem



Indian Point, New York, U.S.A.



Ginna, New York, U.S.A.

- First U.S. one-piece replacement
- First replacement using a construction opening in the containment roof
- First U.S. replacement using a construction opening in the containment wall
- First SGR performed under 10 CFR 50.59
- First U.S. replacement to use optical templating to aid fit-up of new steam generators
- First replacement of Combustion Engineering-designed steam generators

COMPLETED PROJECTS *

- Turkey Point Units 3 & 4
- H. B. Robinson Unit 2
- Indian Point Unit 3
- Palisades
- North Anna Units 1 & 2
- V. C. Summer
- Almaraz Units 1 & 2
- R. E. Ginna
- Kori Unit 1
- Byron Unit 1
- Braidwood Unit 1
- South Texas Project Unit 1
- D. C. Cook Unit 1
- Farley Unit 1

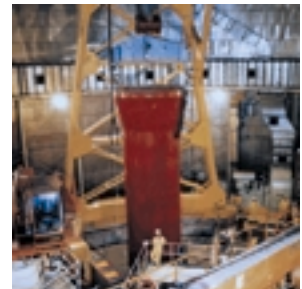
CURRENT PROJECTS *

- Arkansas Nuclear One Unit 2
- Farley Unit 2
- Kewaunee Unit 1
- Shearon Harris
- South Texas Project Unit 2
- Palo Verde Unit 2
- Sequoyah Unit 1

*Data as of October 2000



Palisades, Michigan, U.S.A.



H. B. Robinson, South Carolina, U.S.A.



Turkey Point, Florida, U.S.A.