

Nuclear Operating Plant Services

Reducing Costs, Maximizing Safety



Computer design and engineering

Tailored solutions that optimize total life-cycle operating costs and maximize worker safety have made Bechtel the supplier of choice for many U.S. nuclear plants. Outages are shortened through meticulous planning, scheduling, and execution. By helping our customers to improve system and equipment reliability, they achieve more successful return-to-service startups and longer successful runs.

Bechtel's nuclear expertise is collected and disseminated through our *Center of Excellence* in Frederick, Maryland, where project managers and engineers can tap the most extensive knowledge base in the industry. Experts companywide share years of nuclear industry experience and transfer skills from other Bechtel businesses that have designed and constructed some of the most complex projects in history.

We offer a comprehensive array of operating plant services, including:

- Engineering and design
- Maintenance and modifications field execution
- Project and task management
- Planning, scheduling, and cost control
- Station blackout assessments
- Supply chain management
- Plant recovery support
- Cost-reduction initiatives
- System capability assessments



On-site modifications



Field maintenance support



Bechtel has also developed value-added portfolio offerings in:

- License renewal
- Power uprates
- Alternate source term
- I&C upgrades
- Nuclear analyses

Representative customers and plants for which Bechtel Nuclear provides value-added services, working in close collaboration with customers, include:

- Southern Nuclear — Farley, Hatch, and Vogtle
- PECO Nuclear — Limerick and Peach Bottom
- Southern California Edison — San Onofre
- Wisconsin Public Service — Kewaunee
- AlliantIES — Duane Arnold
- AEP — D.C. Cook



Focus on safety



Testing and inspection



Field repair