

# Nuclear Power

Building on the past . . . powering the future



**T**he nuclear power industry is undergoing unprecedented change. Electric demand is rising, while safety and environmental standards are becoming more stringent. As the U.S. electric industry deregulates, nuclear power plants must reduce costs to compete in the new market. Owners of older plants face decisions on the complex issues of license renewal and decommissioning.

No company is better equipped to help you meet these challenges than Bechtel. Since the earliest commercial nuclear reactors a half century ago, Bechtel has played a pivotal role in every phase of the industry's development. We have designed and/or built more than half of the nuclear power plants in the United States, and we currently provide operating services to many of those plants and others as well. Worldwide, Bechtel has played an important role on more than 150 nuclear units.

This unparalleled experience has made Bechtel employees the most productive in the industry. We have raised the bar in project management and are continually refining our work processes. Our world-class procurement programs bring the benefits of Bechtel's size and market reach to each project's bottom line. ISO 9000 quality standards are integrated into our project practices. Most importantly, our zero-accidents philosophy has led to a safety record that is second to none in the industry.

Bringing these innovations to each project is essential. Our Center of Excellence in Frederick, Maryland, is the creative hub where lessons from throughout the world are shared, new solutions are developed,

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and project managers draw on Bechtel's collective expertise for the benefit of current and future projects.

Bechtel offers the most complete selection of services available: Operating plant services. Plant recovery support. Plant license renewal. Decontamination and decommissioning. Steam generator replacement. New nuclear generation. We combine these services into comprehensive engineering, construction, and procurement contracts, creating a “one-stop shop” dedicated to achieving the lowest life-cycle operating and maintenance costs.

Within and outside the nuclear industry, Bechtel has built its reputation on meeting new challenges and setting new standards. Nuclear project requirements will continue to change, but Bechtel's commitment to safety, innovation, and cost-effective performance will not.