

Delivering Powerful Solutions for the Next Generation

Bechtel's commercial nuclear power business is a global leader in the licensing, design, procurement, and construction of nuclear power plants. From a new build to plant completion and recovery, or existing facilities modifications to advance reactor technology development, Bechtel has the breadth of knowledge to lead a wide range of nuclear projects. Bechtel has been an integral partner to the nuclear power industry since its

inception, and remains at the forefront by providing a range of services and technical expertise that no other contractor can match.

With more than 60 years in the nuclear power industry performing nuclear security, production, laboratory, cleanup, and naval nuclear propulsion work, Bechtel is an industry-leading organization with capabilities across the lifecycle of facilities and sites for commercial

and government customers. We provide customers the expertise and capabilities of over 5,100 professionals, including 150 internationally recognized technical specialists, 100 nuclear specialists, 11 Bechtel Distinguished Engineers and Scientists, and 9 Bechtel Fellows who are nationally or internationally known in their respective fields of seismology, civil/ structural design, water use, meteorology, hydrology, soil structure interaction, metallurgy, and hydraulics. With this much know-how, Bechtel has the ability to deliver first-of-a-kind solutions for any nuclear technology.

To date, Bechtel has been a major architect/engineer participant on more than 150 nuclear power plants worldwide and has provided the following services around the world:

- construction of 42 plants
- architect/engineer services for 71 plants
- 34 steam generator replacements
- 11 reactor head replacements
- 7 extended power uprates
- first major underground pipe replacement in the nuclear industry

Bechtel is leading the way in constructing tomorrow's nuclear power solutions. Currently, Bechtel is supporting a number of new generation activities, such as front-end engineering and design (FEED) development for Horizon Wylfa Newydd; construction completion for Vogtle 3&4; licensing services for the Clinch River SMR; and project management and consulting services at Olkiluoto 3, Hinkley Point C, Shin Kori 3&4, Shin Hanul 1&2, and Barakah 1-4. Additionally, we have been selected to perform innovation research for small modular nuclear plant projects by the U.S. Department of Energy.

With Bechtel's vast experience in delivering nuclear solutions, we play a critical role in helping customers deliver current and future nuclear projects, and will continue to lead future generations on the journey to providing clean, reliable energy.





INFRASTRUCTURE
MINING & METALS
NUCLEAR, SECURITY & ENVIRONMENTAL
OIL, GAS & CHEMICALS

Delivering Powerful Solutions

75,000 + MW
of completed nuclear design and construction projects

40+ years
operating plant and specialty engineering

9 COL
combined operating license (COL) applications for 5 advanced reactor technologies

6 new builds
currently engaged on 6 nuclear new builds

4 advanced technologies
design certification support and first-of-a-kind engineering for 4 advanced reactor technologies

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