

Leading the nuclear industry from day one

Through our broad legacy of nuclear contractors, AECOM traces its history back to the very forefront of the nuclear industry. In 1947, we began work at the Brookhaven Graphite Research Reactor — the first peacetime nuclear reactor built exclusively for research. We were also one of the Manhattan Project's original six industrial partners. As the industry evolved, we continued to build upon our nuclear expertise, creating our continuous 60-year record of providing management, engineering, construction and modification solutions to virtually every commercial nuclear power plant currently operating in the U.S. and many that have since been retired.

Our legacy companies were engineer- and/or constructor-of-record for 49 nuclear power plants, including the first nuclear units in Spain, Italy, Brazil, Mexico and Taiwan. Consumers still depend on much of this nuclear baseload today. After the great build-out of the 1970s and 80s, our employees have helped to maintain the reliability of the operating fleet by accomplishing thousands of technical services tasks and life-extension modifications through a solid engineering services organization that has supported our customers as alliance partners, engineers-of-choice and consultants.

We provide complete resources for feasibility studies, costing, technical evaluation, environmental assessments, permitting and licensing, conceptual and detailed design, procurement, construction, operating services, maintenance, modifications and decommissioning.

Having a global focus, supported by 87,000 employees serving clients in more than 150 countries, we offer our clients a wide range of technical and engineering services including owner's engineer for nuclear new build, license renewal, alternate source terms assessments, control room habitability projects and independent spent fuel storage options for today's dry cask storage technologies.

To help vital operating assets meet today's challenges we've:

- Created a culture of safe work execution, with one site achieving 10 million man-hours without a lost time accident over a 10-year period
- Helped to reduce outage durations to less than 30 days, and at some plants, less than 20 days
- Increased power output through power uprate programs
- Mitigated component obsolescence through

digital upgrades and component replacement programs

- Enhanced human performance through empowerment, training and continuous learning
- Improved plant performance through our integrated project design and installation teams
- Continued to deliver, with joint venture partner SGT, world-class performance steam generator replacement projects and a project execution model for large nuclear plant capital projects

The no. 1 ranked* global engineering design firm, AECOM is a leading construction contractor. We combine specialties in architecture, building engineering, construction services, economics, energy, environment, government, mining, oil & gas, consulting, program management, transportation and water.

To learn more, go to aecom.com or email power@aecom.com.

*Engineering News-Record 2017 rankings



Imagination power.

We're partnering with visionary owners to deliver the power that energizes the world.

The nuclear power industry demands a highly specialized, diverse skillset and knowledge base. As the engineer and/or constructor of more than 39,000 megawatts, we provide support for new nuclear technologies, the small modular reactor market, operating plant technical services including major component replacements, facilities that support the nuclear fuel cycle, and D&D for facilities no longer in use.

Learn what our 60 years of nuclear experience can do for you at aecom.com or email power@aecom.com

AECOM Imagine it. Delivered.