

Leadership by Example

Leading the Way in Nuclear Power

As a proven leader in the nuclear industry, Shaw has offered a broad range of services for more than 60 years. A *Fortune 500* Company, Shaw ranked No. 1 in Power Design by ENR in 2008 and 2009*. Shaw employs 26,000 staff in 150 locations worldwide.

New Plant and Reactor Design and Construction

From the detailed design of the National Enrichment Facility in New Mexico, to design and construction of the Mixed Oxide Fuel Fabrication Facility in South Carolina, to engineering support for the Lungmen nuclear power plant in Taiwan, Shaw can perform virtually every aspect of nuclear design/construction projects around the world.

AP1000™ Consortium

Shaw and Westinghouse are building the first four AP1000 units in China, the first of which has recently completed first concrete. Shaw and Westinghouse have three contracts for plants in the U.S. for engineering, procurement, and construction of six units, two each in Georgia, South Carolina, and Florida. These are the first contracts awarded to build new commercial nuclear power plants in the U.S. since the 1970s.

Engineering

As the engineer/constructor for 18 U.S. nuclear plants, Shaw has continuously maintained ASME-III (N) certifications and is providing engineering services to more than 50 nuclear power plant operating units—more than half of the U.S. fleet.

Piping, Tank, and Structural Steel Fabrication Modules

As a world leader in pipe fabrication, Shaw supplied piping to 58 of the 104 operating nuclear power units in the U.S., and is certified by ASME to perform all activities required for construction of nuclear plant piping components. Shaw is constructing a state-of-the-art module fabrication facility in Lake Charles, LA, to support construction of AP1000 modules.

Plant Completions and Restarts

Building on our extensive experience in plant completions and restarts worldwide, Shaw played a significant role in the successful completion of the Browns Ferry Unit 1 restart project.

Plant Upgrades and Upgrades

As a power uprate industry leader, Shaw has performed uprates and studies on more than 53 operating PWRs and BWRs, adding more than 2,500 MW to the U.S. grid.

Maintenance and Modifications

As a leading provider of commercial nuclear power plant maintenance and modifications services in the U.S., Shaw has active contracts covering nearly 36 percent of the operating units and participated in record-setting outages for PWRs and BWRs in the U.S.

Decontamination and Decommissioning

Shaw has performed D&D services for 15 commercial, research, and U.S. Army nuclear reactors and to numerous government facilities. Shaw completed decommissioning of Maine Yankee and Connecticut Yankee.

Spent Fuel Dry Storage

Shaw designs, licenses, and constructs ISFSIs; performs spent fuel management studies; and provides fuel movement and cask loading and handling services. We performed design, licensing, and project management for the private dry fuel storage facility.

The AP1000 technology is based on standard Westinghouse pressurized water reactor technology that has more than 2,500 reactor years of proven and highly successful operation.



Advanced design features

- Passive safety systems
- U.S. design certification
- Short engineering and construction schedule
- Reduced components and commodities
- Modular construction
- Severe accident mitigation features

For more information contact:

Alan Latti
Phone: +1 856.482.3097
E-mail: alan.latti@shawgrp.com

Tom Nauman
Phone: +1 617.589.1034
Email: tom.nauman@shawgrp.com

* Shaw ranked No. 1 in Power Design by Engineering News-Record (ENR), Top 500 Design Firms, 2008 and 2009.