THE SPEAR GROUP

Nuclear Energy

We specialize in providing **Professional Services**

Nuclear Energy

Nuclear power plays a major role today in the energy mix in the USA, with 98 operating nuclear power reactors in 30 states, operated by 30 different power companies. Since 2001 these plants generate up to 807 TWh per year and account for about 20% of the total electricity generated in the USA. The nuclear industry sector invests about $7.5 billion per year in maintenance and upgrades of these plants.

Per the U.S. Department of Energy (DOE), nuclear's percentage of the power mix to drop to 11 percent by 2050 from the current 20 percent, and many reactors are expected to be decommissioned. Many factors, including the availability of cheap natural gas, public and safety concerns, falling prices of renewable energy components and deregulation in many states have contributed to this expected decline.

Nuclear Energy Industry Facts

- There are 98 operating nuclear power reactors in 30 states, operated by 30 different power companies
- The nuclear energy sector in the USA supports around 475,000 jobs
- The nuclear industry accounts for 20% of the total electricity generated in the USA and 64% of clean air energy
- The U.S. has 98 of the world's 450 commercial nuclear reactors

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How can the Spear Group assist the Nuclear Energy Industry?

To supplement their internal expertise, extend their capabilities and stay ahead of market needs, utilities will need to enlist trusted external service providers for needed support and industry knowledge.

We can assist our clients to prioritize their investments, make project-related decisions, and add efficient, repeatable processes to virtually any area of their operations. Our long history, experience and expertise in project and process management in the electric utility industry enables us to deliver results for our customers every single time. In this way, the Spear Group promotes a culture of continuous improvement as projects are completed and new programs are launched.

The Spear Group can assist in the following areas:

- ***Navigating Multiple Infrastructure Projects***
- ***Contract Management and Administration***
- ***Document Control Administration***
- ***Project Controls and Engineering***
- ***Permitting, Site Selection and Right of Way Acquisition Facilities***
- ***Construction Management and Inspection***
- ***Plant Decommissioning and Closure Management***

The Spear Group is a firm believer in integrating innovation and technology into everything it does. We use technology to drive capabilities and effectiveness. Our employees are constantly learning and applying new technologies while integrating innovation into day-to-day tasks, problem solving skills, and brainstorming new ideas. It is with this mindset that we come and intentionally build lasting partnerships with our clients. In this respect, the Spear Group is leading the way in the industry with best practice project management and controls.