

Exelon[®]

Nuclear Partners

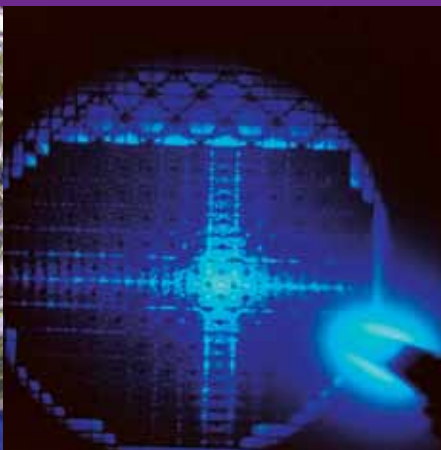
Nuclear Operating Services



Services for Nuclear Operators

Exelon Nuclear Partners offers a range of services that draw upon the proven *Exelon Nuclear Management Model* to improve nuclear performance and safety. Our services lead to better outcomes across a multitude of functions, all leading to higher capacity factors and shorter outages so owner-operators can maximize revenue from their facilities.

Our services fall into two categories: (1) complete nuclear operating services and (2) performance improvement services.





Nuclear Operating Services

Exelon Nuclear Partners offers comprehensive nuclear operating services for owner-operators who want help running their facilities or turning around plants that are underperforming.

Under a nuclear management services contract, Exelon Nuclear Partners can assume complete management oversight and operation of your facility. The plant is treated like part of the Exelon fleet, the full *Exelon Nuclear Management Model* is implemented, and staff are trained to implement the protocols and processes of the *Model*.

With this type of intensive oversight and the full deployment of the *Exelon Nuclear Management Model*, existing plants can quickly begin to experience improved performance including higher capacity factors, shorter outage durations, higher safety ratings and better plant performance.

In addition to immediate performance improvements, the *Exelon Nuclear Management Model* also provides long-term asset management strategies to enhance and extend the performance of the facility.

Exelon Nuclear Partners' operating services could be a short-term management contract, or a longer-term relationship where we assume the licensed operator role. In either case, we are committed to complete knowledge transfer so that owner-operators fully understand our operating philosophy and learn to implement and maintain the *Exelon Nuclear Management Model*.

Performance Improvement Services

Exelon Nuclear Partners offers targeted performance improvement services for owner-operators who want to elevate their performance and improve outcomes in key nuclear functions. These services include:

Outage duration optimization

Exelon consistently executes short refueling outages. In 2008, our average refueling outage was 24 days, compared to 38 days for the rest of the industry.

Our success is driven by careful planning and a multi-path approach that considers safety, schedules, and resource allocation. At the client's request, we can also incorporate advanced tooling and our own custom-designed equipment such as 360-degree reactor vessel work platforms, specialized robotics and a multitude of innovative tooling and process enhancements to streamline operations and maximize productivity while maintaining safety.

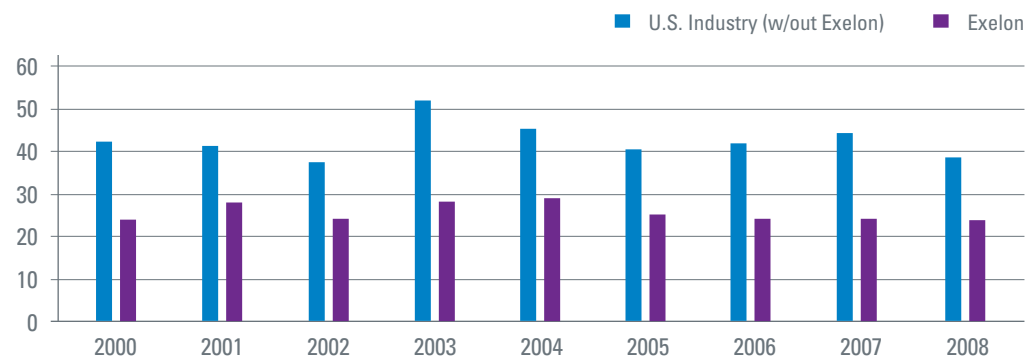
Exelon Nuclear Partners can perform either an advisory role (serving in key management positions) or fully execute your refueling outage by planning and executing all aspects of the process. Either way, we will help you shorten your refueling outages and bring your plant back online sooner.

Equipment reliability

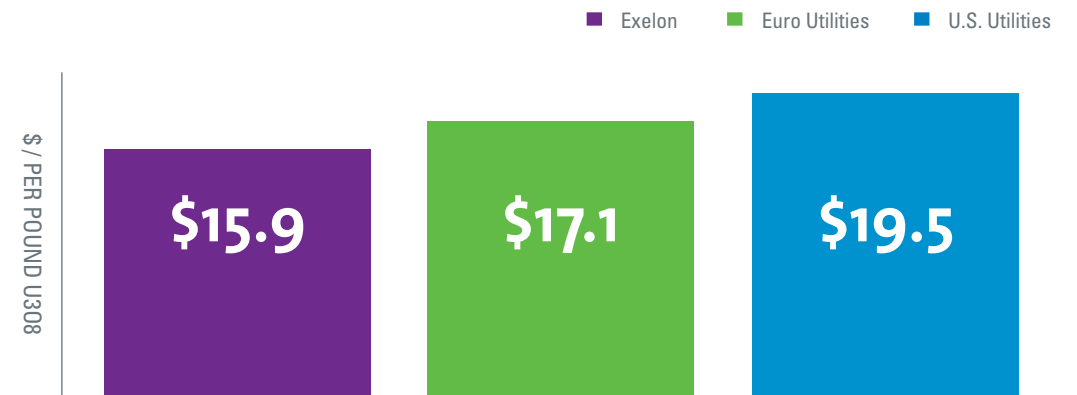
Equipment reliability is a hallmark of Exelon's success; our forced loss rate is consistently among the lowest in the U.S. nuclear industry.

Exelon Nuclear Partners can help you improve your equipment performance. We offer onsite equipment reliability program assessment and recommendations for improvement; timely access to the Exelon Nuclear Engineering Duty Team for assistance with emergent equipment problems; and access to over 500 equipment-troubleshooting procedures.

These services, along with the equipment reliability protocols contained in the *Exelon Nuclear Management Model*, can help improve the reliability of your plant, increasing its time online and your revenue.



REFUELING OUTAGE DURATION



2001-2008 FUEL PROCUREMENT COSTS

Fuel procurement

Exelon Nuclear Partners can assist owner-operators who want to improve their fuel procurement processes to offer greater reliability and lower prices across all segments of the fuel supply chain – uranium, conversion, enrichment and fuel fabrication.

We have long-term relationships with a diverse range of stable suppliers. Our continuous market participation and bulk-buying capability lead to lower fuel costs than most U.S. and European utilities.

Exelon Nuclear Partners can help you manage your fuel portfolio and maintain your inventory in whatever form you prefer, leveraging Exelon's economies of scale and years of experience to lower your fuel costs.

Operating license renewal

Exelon has managed renewal of eight operating licenses in the past eight years, giving us unparalleled experience and interaction with regulatory agencies.

Our in-house team of renewal application specialists has developed a unique multi-year production line based on the strategic sequencing of applications. We employ a consistent, standardized approach that streamlines the process and drives success in delivering a high-quality application the first time, which can save you time and money.

Exelon Nuclear Partners can help you prepare your renewal application, manage your interaction with regulators, and successfully obtain your license renewal. If needed, we can also provide support for contested hearings, or we can provide an independent review and critique of your renewal application.

Training program support

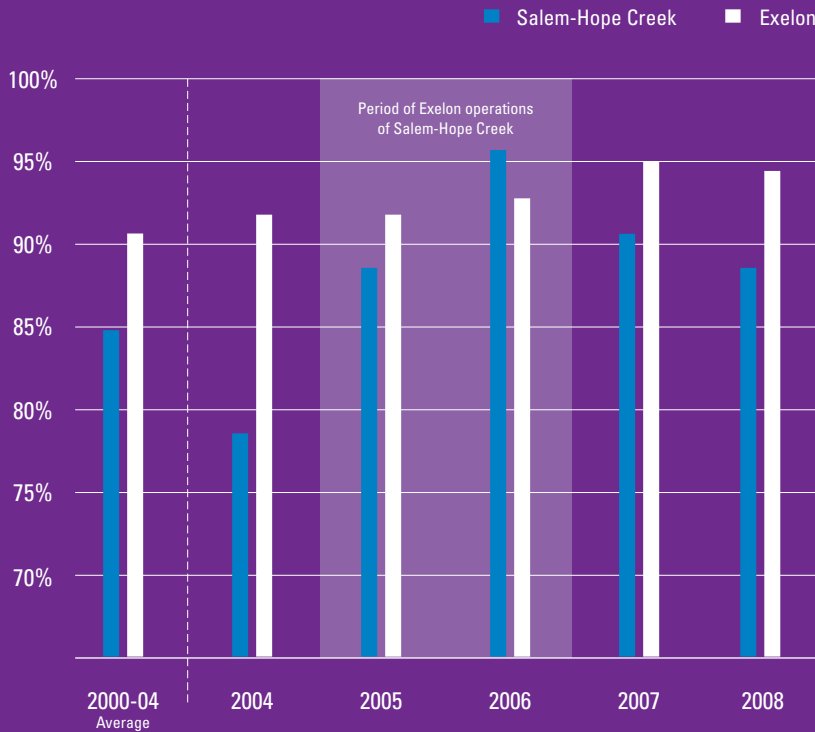
Exelon's technical support and operations team can help you develop an accredited training program based on the world-class *Exelon Nuclear Management Model* to ensure all licensing requirements are met on an ongoing basis. We will take into account the unique requirements of your organization to develop customized programs that produce well-qualified staff with clear roles, responsibilities and reporting structures to ensure effective and efficient operations.

Case Study

In 2005, PSEG asked Exelon to help manage the turnaround of its Salem and Hope Creek nuclear facilities, which were experiencing repeated sub-par performance. Exelon dispatched approximately 30 managers and key functional experts to PSEG's facilities to deploy the *Exelon Nuclear Management Model*.

Within nine months of assuming operation, the Exelon team completed a refueling outage at Salem Unit 1 in a record 25 days (prior to Exelon's involvement, the previous refueling outage took 65 days).

During Exelon's two-year management of the plants, the units experienced a 37 percent reduction in refueling outage duration and a nearly 18-point increase in capacity factor.



SALEM-HOPE CREEK CAPACITY FACTOR BY YEAR

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