

# The Exelon Nuclear Management Model

Our consistency and success is driven by the Exelon Nuclear Management Model, a proprietary, process-based operations methodology built on two principal foundations: (1) a written guide to operations developed over 11 years and contained in more than 2,000 programs, policies, processes and tools, and (2) the documented institutional knowledge of key functional area managers trained and experienced in standardized execution.

The Exelon Nuclear Management Model is a rigorous, formal, detailed guide to every aspect of safe nuclear plant operations. It promotes a value-based culture of safety and reliability. It leads to short, efficient refueling outages. It relies on the best long-term asset management strategies. It institutes a culture of continuous improvement. It creates a passion for high performance that exceeds goals.

The Exelon Nuclear Management Model is the reason Exelon outperforms all other operators. It enables us to replicate sustained high-level safety and performance metrics across every unit we manage, making Exelon's fleet an industry leader year after year.

## Management Model



## Transferable Benefits



## Demonstrated Results

SALEM-HOPE CREEK PERFORMANCE IMPROVEMENTS



### PROCESS EXECUTION

- (1) **Standard best policies and programs:** Key nuclear functions are broken into 74 categories and best practices are made standard to leverage synergies and replicate top performance.
- (2) **Tightly defined work process:** The detailed definition of process steps across all functions reduces the potential for deviation. Integrated work control in the Exelon Nuclear Management Model means there is no room for error.
- (3) **Rigorous execution:** Strict adherence to rigorous execution of process requirements and continuous management engagement ensures desired results.

### OVERSIGHT AND ACCOUNTABILITY

- (1) **Strong oversight and results assessment:** Intrusive and intensive oversight and engagement from management is standard. Tiers of performance metrics allow for constant, detailed performance tracking.
- (2) **Focus on accountability:** Accountability is specific, defined, accepted and enforced.

### CONTINUOUS IMPROVEMENT

- (1) **Continuous process improvements:** Benchmarking and analyses of issues reports, operating experiences, common cause analyses, and root cause evaluations lead to process refinement and continuous improvement.

The Exelon Nuclear Management Model is portable, adaptable and scalable. Because it is detailed and comprehensive, it can be utilized at all nuclear plants to replicate Exelon's high level of performance to the benefit of those looking to develop nuclear operations.

- (1) **Accelerated time frame:** The Exelon Nuclear Management Model supports an aggressive implementation schedule and helps meet forecasted demands.
- (2) **Cost avoidance:** It lowers the initial investment as well as operating and maintenance costs, and reduces long-term capital spending. It promotes knowledge transfer and accelerates the ability of new owner-operators to manage operations independently.
- (3) **Certainty and sustainability:** It promotes stakeholder credibility and contributes to lower risk and capital costs.
- (4) **Superior operations:** It improves program safety for employees and the public. Because it leads to higher capacity factors and lower production costs, it increases the potential for faster payback on investment.

**Exelon**  
Nuclear Partners

TRACK RECORD OF NUCLEAR EXCELLENCE

