



Nuclear Services/Field Services

Outage Management/ Improvement Services

Background

Since 1980, Westinghouse has provided premier, value-added outage management/improvement services for its nuclear utility customers and helped them meet the ever-present challenge of improving plant safety, reliability, availability and capacity. Westinghouse's vast experience is unequaled in the industry and uniquely qualifies it to offer superior services to customers.



Westinghouse Outage Management

Description

Westinghouse outage management/improvement services can be customized and scaled to meet each customer's specific needs.

The following service details are typical of outage management/improvement services:

Personnel

- Outage management
- Outage control center support
- Containment coordination
- Scheduling personnel
- Issue management oversight
- Quality Control/Assurance personnel
- In-processing/unescorted access authorization support
- ALARA Engineers
- Health Physics/radiation protection support
- Scaffolders/material handlers
- Rigging support
- Outage crane support
- Tooling stewardship

Processes

- Outage planning and preparations/schedule optimization
- Benchmarking, standardization and site assessments
- Window analysis
- Risk management and assessments
- Outage safety, ALARA, human performance and communication plans
- Crew, equipment, process and technology integration
- Work package integration
- Cost control and reduction
- Value stream mapping
- Failure modes and effects analysis
- Plant-specific, long-term outage performance strategies
- Application of lessons learned, operating experience and best practices
- Issue resolution and recommendations
- Headquarters technical support available 24 hours a day
- Industry technical communications
- Asset management (to aide in establishing maintenance and inspection intervals and priorities)

Benefits

No outage is routine; each can present challenges and opportunities for improvement. Westinghouse's background, extensive outage experience, and exceptional training and qualification program allows its outage managers and field personnel to plan, prioritize, execute, address and effectively resolve emergent issues.

Experience

Over the past several years, eight utilities have benefited from the Westinghouse outage management/improvement services.