

# Critical Lift Cranes



As nuclear power plants reach 30 or more years of life, serious consideration must be given to the upgrade of lifting equipment. Plant life extension and increased crane operational efficiencies provide the ROI justification.

## Crane Upgrades:

- Increase Safety with Precise Crane Controls
- Incorporate Modern Technology
- Decrease Maintenance and Downtime Costs
- Increase Reliability During Critical Lifts





## Upgrades Feature

- New Hoist Flux Vector and Bridge/Trolley Frequency Drive Systems with Variable Speed Controls
- New Bridge, Trolley, and Hoist Motors
- Radio Control Systems and New Cab/Pendant Controls
- American Crane's State-Of-The-Art Hoist Drive Train Diagnostics
- PLC Controls
- New Electrical Panels
- Replacement of Power and Control Wiring
- Collision Avoidance Systems
- Zone Boundary Limit Protection
- Upgraded Brakes
- New Limit Switches and Load Cells
- New Festoon Systems
- New Runway Conductor Bar Systems

## American Crane Also Offers

- In-House Engineering Staff to Design Upgrades
- In-House Shop Fabrication Capabilities
- Installation Technicians with Nuclear Plant Experience
- Crane Testing at Nuclear Plants
- 10CFR50, App. B Quality Program Available
- Fully Staffed Parts and Service Departments

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