



# Single Failure Proof Cranes

- NRC Accepted Single Failure-Proof Design
- Single Failure Proof Lifting System Compliant with NUREG 0554, NUREG 0612 and ASME NOG-1
- Redundant Reeving System (Dual Load Path)
- Redundant Hoisting Machinery
- Triple Redundant Holding Brakes
- Two Blocking Protection
- Load Hang Up Protection
- Overload Protection
- Wire Rope Mis-Spooling Protection
- Flux Vector Infinitely Variable Frequency Drives
- Remote Operator Controls Minimize ALARA Concerns
- Site Specific Seismic Design
- Safety Related Procurement of Components
- Design Suitable for New and Existing Facilities



Cask Handling Crane



200 Ton Factory Test Facility

Single Failure-Proof Cranes can be built in accordance with our 10CFR50 Appendix B Quality Assurance program consistent with the requirements of NUREG 0554, assuring a licensable design.