

Selected Nuclear and Heavy Lift Design and Review Projects

Liftech has performed analysis and design of various polar crane structures for nuclear power plants; analysis and design of a polar crane structure for a 350 ton steam generator replacement (SGR); analysis and design for an 800 ton lift component for removal of a nuclear reactor and cask; and peer review of cranes and rigging design for offload and transport of replacement components including jack trolley hardware, rotating spreaders, and support beams. We have provided design review services to specialty rigging contractors such as Rigging International, Bigge Crane and Rigging Co., Bechtel Power, and utility companies. Liftech also provided audit services for the heavy lift systems.

Project Name Location	Start Year	Project Description	Reference
Transformer Offload Talbot County Energy Facility	2002	Peer review of cranes and rigging for the offload of a transformer at Talbot Energy Facility for Siemens Westinghouse.	Terry Bride Siemens Westinghouse
Equipment Offload Blythe Energy Project	2002	Peer review of cranes and rigging for the offload and transport of gas turbines and generators at Blythe for Siemens Westinghouse.	Terry Bride Siemens Westinghouse
Connecticut Yankee Haddam Nuclear Plant Decommissioning	2000	Analysis, review, inspection program, and documentation to recommission the existing polar crane in the plant.	Vincent Ursitti Bechtel Power
Connecticut Yankee Haddam Nuclear Plant Decommissioning	1999	Analysis and design of components for an 800T lift for removal of a nuclear reactor and cask at the Connecticut Yankee – Haddam Nuclear Plant.	Steve Bone Rigging International
Steam Generator Replacement Commonwealth Edison	1997	Peer review of cranes and rigging for steam generator replacement at a nuclear power plant.	Roger Guise Commonwealth Edison
Steam Generator Replacement Rochester Gas & Electric	1996	Peer review of cranes and rigging for steam generator replacement at RGE nuclear power plant.	Rochester Gas & Electric
Steam Generator Replacement Mihama nuclear power plant, Japan	1994	Analysis and design of polar crane structure for replacement of 350 ton steam generators at Mihama nuclear power plant, Japan.	Steve Bone Rigging International

Project Name Location	Start Year	Project Description	Reference
Steam Generator Replacement Japan	1993-4	Analysis and design of jack trolley hardware, rotating spreaders and support beams, for replacement of 350 ton steam generators at a nuclear power plant in Japan.	Joel Lavering Rigging International
Steam Generator Replacement Palisades, Pennsylvania	1990	Analysis and design of jack trolley hardware, rotating spreaders, and support beams, for replacement of 350 ton steam generators at Palisades, Pennsylvania.	Joel Lavering Rigging International
San Onofre Nuclear Power Plant.	1980	Design of polar and gantry cranes for Paceco Corporation.	Bill Reynolds
Various	1970s to 80s	Design of various polar and gantry cranes for nuclear power plants for Paceco Corporation.	Bill Reynolds