

Nuclear

Nuclear Related Projects

Schedule of Involvement of the Company and its Personnel

Project	Client	Description
DML Dockside Cranes	DML	Assessment and verification of the racking and slewing gear on the SRC 80 tonne refuelling crane
SILWR	Qualter Hall	Design of waste screening system to BNFL Environmental Services, Equipment Functional Specification for the Sorting Table
Shiplift Modelling	Owen Williams	IPR & ITA of Shiplift modelling at Devonshire Docks, Barrow-in-Furness
EHJ Mooring at RNAD Coulport	SKF	Static strength analysis - 10,000-year storm and full 100 year storm fatigue evaluation of EHJ structure.
DML Dockside Cranes	Butterley	Blast analysis of Dockside Crane at Devonport Docks (D154 Project)
BNFL EOT Cranes	Wellman Booth	Seismic validation of 2 EOT Cranes
Load Follower Device ITA	Hydrax	Used for the RAH at Devonport Docks
Dungeness Gas Circulator Crane	Butterley	Seismic analysis & structural calculations
DML Dockside Cranes	Butterley	Seismic Design & Validation of 7 Dockside Cranes at Devonport Docks (D154 Project)
Dungeness B Superheater	Taywood Engineering	Thermal analysis of super heater outlet header & seals
BNFL Shield Doors	Butterley	Design & Seismic analysis of Shield Doors & restraints
Piping Systems at Sizewell B	Kvaerner Boving	Design & Analysis of ACW & ECW Piping Systems
BNFL Lifting Rig	Butterley	Design of 4 te Lifting Attachment
BNFL EOT Cranes	Butterley	Seismic validation of several EOT Cranes
Torque Tightening Machine	Butterley	Design & Seismic validation of lifting bogie for reactor head torque tightening machine
Sizewell B Flask Handling	Butterley	ITA of Flask Handling rig
BNFL Shield Door	Butterley	Design & Seismic validation of Shield Door
Submarine Lifting Frame	NNC	Seismic validation of lifting frame for nuclear submarines
Decay Stores Assessment	NNC	Impact assessment within the AGR Decay stores
Fuel Charging Machine for AGRs	NNC	Dynamic modelling and seismic analysis of fuel charging machine and fuel assemblies for the AGRs at Hinkley Point, Torness & Heysham
Sizewell B Polar Crane	NNC	Seismic analysis of Polar Crane, Servicing Reactor

Other Nuclear Related Projects work on by Bennett staff in previous employment

- Mechanical Seals for Cooling Pumps BNFL
- Mechanical Seals for Cooling Pumps CEGB Berkeley
- Thorp Project BNFL - Seismic Analysis of Structural Modules, Pressure Vessels, Piping & Glove boxes



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