

Aker Kvaerner's track record

UK nuclear industry

Ongoing projects		
Project	Date	Scope
Vault Waste Retrieval, Magnox Dissolution plant (MXD) at Dungeness	1989 to date (various projects)	Scope included the design concept and then engineering, supply, construction, commissioning and operation to safely retrieve and dissolve Magnox splitters and radioactive sludges.
Legacy Ponds Remediation, Sellafield	2003 - ongoing	The ACKtiv Nuclear JV provides project management, detailed design, procurement, installation and commissioning to clean up the Legacy Ponds. Client has acknowledged the pro-active safety culture on this contract.
Upgrade Low Waste Repository (Drigg)	Commenced 2006 – 5 year contract	Management of a portfolio of projects, including the design, procurement and installation of new equipment and facilities; and the decommissioning and demolition of redundant facilities. Significant consideration given to the protection of the environment as part of project strategy and implementation.
Retrievals project, Sellafield	2007 - 2012	Project scope covers the full project lifecycle from concept through design, development, procurement, installation and commissioning through to operational support. The initial phase of the project is scheduled to run until March 2012 and this will be followed by a period of operational support. The project will contribute significantly to the post operational clean out of the First Generation Magnox Storage Ponds, and the ultimate safe decommissioning and site remediation of this historic spent fuel storage facility.
Export project, Sellafield	2007 - 2009	Project scope covers the full project lifecycle from concept through design, development, procurement, installation and commissioning through to operational support. The project will contribute significantly to the post operational clean out of the First Generation Magnox Storage Ponds, and the ultimate safe decommissioning and site remediation of this historic spent fuel storage facility.

Historic Projects		
Project	Date	Scope
Effluent Plant Maintenance Facility (EPMF) and Effluent Plant Services Building (EPSB)	Mid 1980's	Front end design studies including safety and environmental studies for the maintenance facilities required to service buildings proposed to support other plants on the "9-acre site" at Sellafield.
Fuel Handling Plant (Pond 5)	Mid 1980's	Commissioning support provided by a team of five people.
SIXEP (Site Ion Exchange Effluent Plant), Sellafield	Mid 1980's	Engineering assistance, pre-handover and commissioning of a plant designed to reduce the environmental impact of Sellafield.
STP (Solvent Treatment Plant)	Early 1990's	Commissioning Peer Review
EP1 (Magnox Encapsulation Plant)	Completed 1992	Aker Kvaerner provided a team of multi-discipline engineers, which peaked at around 100, to assist BNFL with the testing and commissioning of EP1 over a 20-month period.
WVP (Windscale Vitrification Plant)	Completed 1992	Pre-handover testing and non-active commissioning of WVP and Vitrified Product Store
EARP Enhanced Actinide Removal Plant, Sellafield	Completion 1992	The scope included design, supply, construction, testing, commissioning and training. The design and build contract for EARP was awarded to Aker Kvaerner in December 1987 following an earlier FEED study (comprising process design, conceptual engineering, capital cost estimate and preliminary safety case report documentation by Aker Kvaerner working alongside BNFL).
THORP Thermal Oxide Reprocessing Plant, Sellafield	Completion 1993	Assistance re: engineering, commissioning, operation and maintenance support in three areas: <ul style="list-style-type: none"> Reagents Area testing Chemical Separation Area testing Chemical Separation Area process commissioning
SMP (MOX Pellet Handling Plant), Sellafield	Completion 1995	The work involved the detailed design, fabrication, specification, procurement, works assembly, testing and commissioning, dismantling and delivery to site of the complete machine.
BEP Box Encapsulation Plant, Sellafield	1997-2004	GBP 180 million contract. Design, procurement, construction and commissioning of the Box Encapsulation Plant and Product Store
Safety Case, BNG British Nuclear Group, Sellafield	1999 - 2004	GBP 9.5 million contract. Safety case production, preparation of clearance certificate, etc.
Integrator Projects	1999-2005	Infrastructure Projects, ITF, COSR, HA Projects – see below for more details.
HA (High Activity) Projects for high level waste plants, Sellafield	2000 - 2005	Approx 45 000 manhours (20 – 25 people) per year for Aker Kvaerner. Assistance re: follow up and implementation of improvements and findings from COSR (Continued Operations Safety Case) related to the improvement to enhance plant yield and up-time. Also provision of training and safety documentation for plant operation.
COSR (Continued Operations Safety Case) at B38, Sellafield	2001	COSR implementation management, follow up findings from COSR