

Drigg Portfolio Management Project

Customer: British Nuclear Group Ltd
Project: Drigg Portfolio Management Project
Date: September 2006 – December 2011
Services: Managing a portfolio of projects including design and installation of new works and decommissioning and demolition of redundant facilities.
Value: GBP 5m+
Location: Low Level Waste Repository, Drigg



Scope of Work

British Nuclear Group awarded Aker Solutions a contract to support the management team at the Low Level Waste Repository in the delivery of a portfolio of projects.

These encompass design, procurement and installation of new equipment and facilities and also decommissioning and demolition of redundant facilities.

The Low Level Waste Repository, because of its previous and current usage, presents a difficult challenge to both new build and decommissioning activities due to the presence of radiological and chemical contamination together with explosive residues. As the site is also a protected habitat for flora and fauna, environmental and ecological considerations have been significant in project strategy selection and execution.

Principal Project Description

Trench Cap Performance Monitoring: The design and installation of a monitoring system to allow ongoing assessment of the performance of the interim cap over the original disposal trenches. This project was initiated to ensure compliance with Environment Agency requirements.

Retrievals Facilities Remediation Project: The decommissioning and demolition of redundant buildings associated with the temporary storage and retrieval for disposal of radiologically contaminated wastes.

Low Level Waste Activity Monitor: The design, installation in a new build facility and commissioning of a monitoring system to record the density of containers consigned to the repository for final disposal. This project was initiated to ensure compliance with Environment Agency requirements.

Slab Remediation: The remediation of redundant foundations, a legacy of previous demolition works, affected by radiological, chemical and explosive residue contamination.

Key Features

- Technical and logistical challenge in an ecologically sensitive area
- Safe and effective delivery in a radiological and chemically hazardous environment