

# Legacy Ponds Remediation

**Customer:** British Nuclear Group  
**Project:** Legacy Ponds Remediation  
Ponds Area Project  
Gantry Refurbishment System  
**Date:** 2004 Ongoing  
**Services:** ACKtiv JV Alliance  
Design, Procurement, Installation, Commissioning  
**Value:** £2.6 Million



## Scope of Work

The Legacy Ponds projects at Sellafield are being executed by an alliance team comprising of British Nuclear Group and ACKtiv Nuclear Joint Venture. The ACKtiv Nuclear JV brings together three of the most well respected engineering, construction and full asset lifecycle service organisations in the Nuclear sector - Aker Solutions, Carillion and Atkins.

As part of the Legacy Ponds projects the ACKtiv Nuclear JV are delivering the Ponds Area project.

## Description

The Pond Area Project involves refurbishing the Skip Handler and gantry and returning it to operational service to enable resumption of pond management activities, including the removal of legacy wastes.

The ACKtiv Nuclear JV were presented with the technical challenge of designing a method for the refurbishment of the gantry and associated support steelwork which was exacerbated by the inaccessibility coupled with the inherent pond working constraints. The Gantry Refurbishment System (GRS) has been designed and manufactured to provide safe access for personnel and materials to the refurbishment works. The GRS was developed utilising the Front End Loading process (FEL) which initially considered a variety of access and lifting options.

The success of the project was ensured by the singularly focused and sustained commitment of a core project team involving members of British Nuclear Group and ACKtiv Nuclear JV from the beginning of optioneering through the design, manufacturing and testing stages.

The supply element of the project was the subject of a Nuclear Decommissioning Authority (NDA) PBI milestone which was met ahead of target at a project performance rating of excellent.

