



## International Europe

### Client

United Kingdom Atomic Energy  
Authority (UKAEA)

### Location

United Kingdom

*CH2M HILL has developed a UKAEA-specific version of its online, integrated Program and Project control systems, which have been produced quickly and cost effectively, and give UKAEA best-in-class capability to perform program controls. These systems have been acclaimed by both the NDA and UKAEA's now prime competitor, British Nuclear Group, as being world-class. The CH2M HILL team has since moved more fully into the actual decommissioning work at the UK sites. Major efforts have been mounted at the Dounreay site in Scotland, and the Windscale site in West Cumbria, where the project plan and associated engineering work is advancing rapidly.*

## United Kingdom Atomic Energy Authority Program Integration Support

### Project Description

As the UKAEA began the transition from a Non-Departmental Public Body to a role as a private engineering contractor, the UKAEA solicited assistance from CH2M HILL to develop its integrated programs, assist in the cultural changes required for the company to take up its new role, and to develop all of the necessary business systems required to carry out a geographically diverse, technically challenging, and institutionally complex nuclear cleanup program. CH2M HILL was awarded this contract following a competitive tender to all of the private companies currently engaged in nuclear decommissioning world-wide.

Specifically, CH2M HILL provides embedded support to UKAEA in the following areas:

- Development and implementation of baseline plans, including work breakdown structure, schedule, cost estimate and project controls, for the decommissioning of five UKAEA nuclear sites
- Support for the development of advanced decommissioning techniques for UKAEA reactors and facilities
- Development and implementation of program controls management systems
- Providing change management in support of UKAEA transition from a nuclear research and operations concern to a project management company
- Assistance in the developing relationship between UKAEA and its future prime regulator and customer, the NDA

The program integration team has consisted of managers and employees who have taken up various management and advisory roles within the UKAEA. This flexible approach of providing specific skill resources has enabled UKAEA to receive specialist skills required to deal with specific technical and managerial issues, while maintaining full-time support in the major program integration work areas. During the first two years with CH2M HILL support, UKAEA has iteratively produced three detailed baseline plans and two shorter term work plans for each of its five sites. These baseline plans have been dramatically improved with CH2M HILL influence, with the overall cost cut in half, and the overall schedule duration also cut in half. Hailed by the London Times, these have been the most dramatic cost and schedule improvements in the UK cleanup baseline during that time period.