

MOX Pellet Handling Plant

Customer: BNFL (Sellafield Ltd)

Project: MOX Project (SMP) MOX Pellet Handling Plant

Location: Sellafield

Date: 1995

Services: Design, supply, procurement, works erection, testing and commissioning, dismantling and delivery to site

Value: £2.7 million

Scope of Work

The Pellet Handling machine has four main assemblies which operate as two production lines:

- Two off Stacked Tray Transfer Stations which provide the transportation and buffering of full, empty or part full trays between various stations or into or out of buffers.
- Two off Pellet Stacking Stations which receive, sort, weigh and transfer the fuel pellets.

The work involved the detailed design, fabrication, specification, procurement, works assembly, testing and commissioning, dismantling and delivery to site of the complete machine inclusive of all the Mechanical, Electrical, Instrumentation and Control Automation (MEICA) components. The work was undertaken to strict quality assurance and quality control procedures and was done to tight programme deadlines.

