

CJS ENGINEERING LTD

PROJECT LIST—NUCLEAR INDUSTRY

Plant & systems

Ongoing technical ‘call-off’ support to **Plant Engineering Group** on design/draughting/tracing tasks such as site surveys, plant layout, enquiry drawings, schedules, diagrams etc.

3D modelling of boiler closure units at Hartlepool & Heysham, to aid safety case work during station outages.

Survey & layout of new electrical equipment to be installed at Hinkley Point.

Conceptual / scheme design & associated equipment for nuclear waste handling & retrieval.

Conceptual / scheme design & associated equipment for defuelling nuclear submarines.

Pipework weld identification assignment for reactor-associated pipework.

Layout of pipework modifications on CO2 plant to increase flow rate, Heysham.

Ventilation system for Heysham simulator complex.

Updating of station cable-routing drawings, Hartlepool.

Bespoke mechanical equipment

Ongoing technical ‘call-off’ support to **Remote Operations Group** involving design, detail, and project management on the following in-service inspection kit:

Handling equipment for spent fuel elements at Wylfa Dry Store Cell 4

Carousel handling unit for short-latch shield plug.

Standpipe remote grinding head.

Eyeball camera inspection device

Core monitoring hoist unit.

Hot box photographic camera.

Under-core viewing rig.

Channel bore monitoring unit.

Boom camera.

Trepanning tool unit.

Channel Bore Monitoring Unit support structure.

Reactor Void Manipulator & mast.

Temperature monitoring stringers (2, 3 & 7 pot versions)

Thermocouple substitute unit (1 pot version)

Hoist unit for TMS installation handling system.

TMS umbilical handling equipment

Shield plug & lower umbilical support rings

Air measurement unit/ insulation panels

Technical resourcing solutions

Many projects in this industry require on-site presence and we have supplied teams of design engineering personnel to work at various nuclear sites in the UK.

CJS Engineering Ltd

The City Business Centre, Llanthony Road, Gloucester, GL2 5JH

Tel. 01452 307626, Fax 01452 306127

Email. sales@cjs-eng.co.uk, Web. www.cjs-eng.co.uk