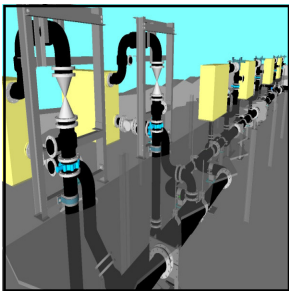
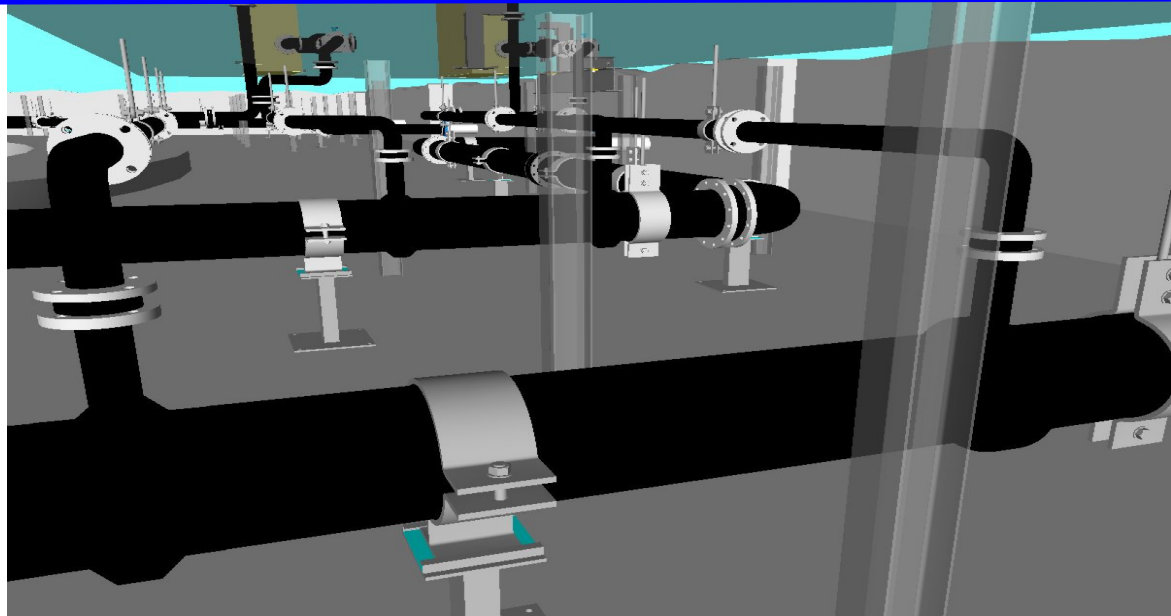


Project Profile



Project Title	Torness Reactor 1 Reactor Sea Water (RSW) Pipework Replacement
Client	British Energy / Boulting Nuclear.
Project Value	£850,000
Contract Conditions	British Energy conditions of contract for supply or repair and installation of plant (2005).
Duration	30 weeks
GHA Livigunn Services	Civil Engineering Design, Structural Engineering Design, Mechanical Engineering Design, Stress Analysis and Seismic Qualification of the total design.

Description

Replacement of Reactor 1 RSW pump pipework and Minus 9 level distribution pipework for quadrants A, B, C & D in HDPE.

Due to the aggressive nature of the sea water the client asked Boultings / GHA Livigunn to replace the existing glass flake lined carbon steel pipework with HDPE.

The design process was completed using our in-house 3D design software, pipework stress analysis software, and finite element analysis software.