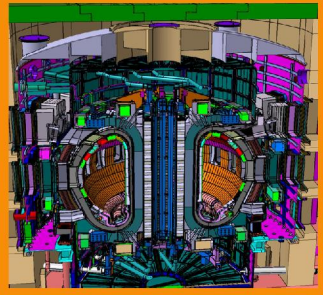


Project:

ITER Hot Cell Concept Development



Client:

ITER Joint Work Site, Japan
European Fusion Development Agreement, Germany
Ansaldo Ricerche, Italy

Organisation & Management:

Oxford Technologies Ltd was subcontracted to Ansaldo Ricerche (EFET). We utilised 5 professional staff on this 11 month project.

Aim:

The project concerned the development of a concept for the ITER Hot Cell. The aim of this study was to review, assess & make proposals concerning remote handling systems required for the 30 year lifetime of ITER.

Implementation:

The study was conducted in stages:-

- > Definition of the hot cell task requirements
- > Derivation of a suitable remote handling concept to satisfy the requirements
- > Substantiation of the suitability of the concept

A key element was a comprehensive campaign of identifying known Hot Cell requirements involving meetings with ITER component engineers. The concept was substantiated against each requirement & presented as a final report supported with detailed Virtual Reality models and animations.