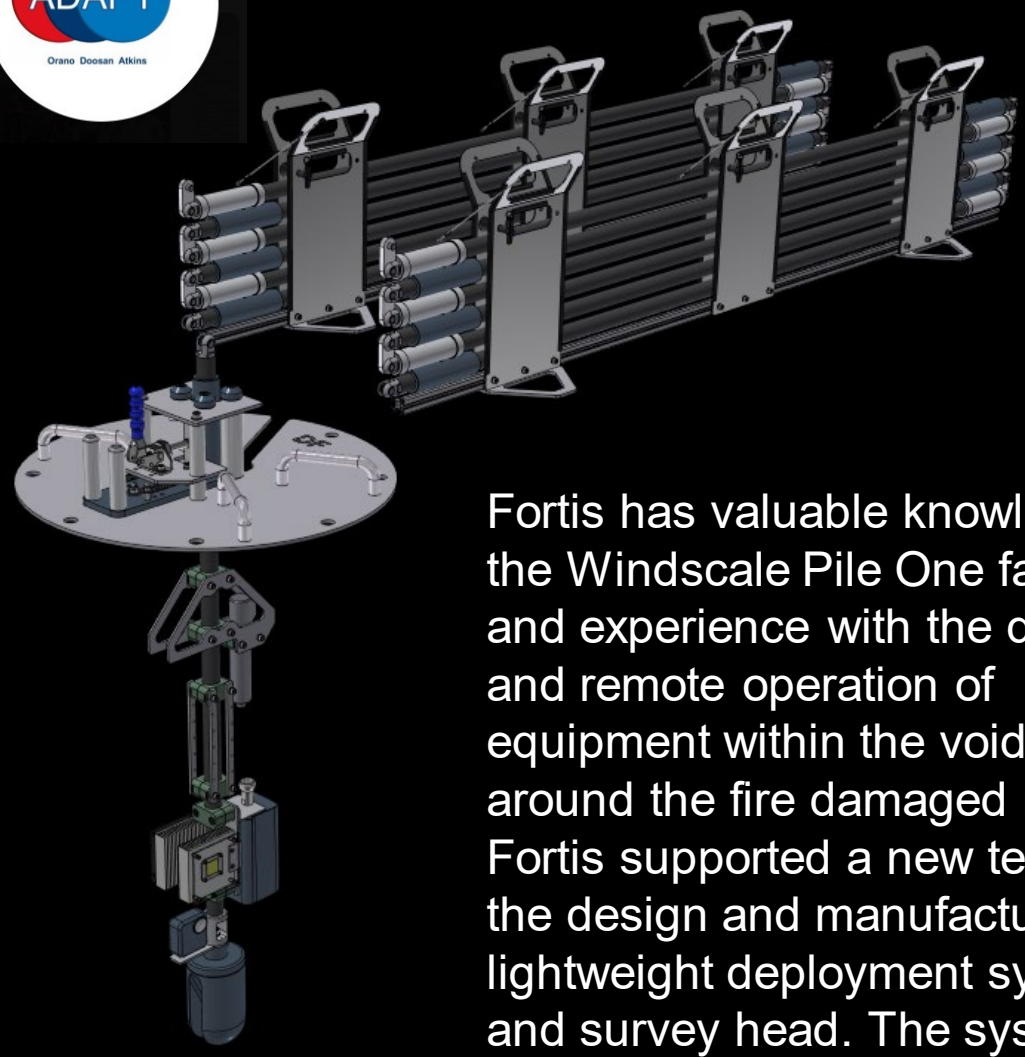
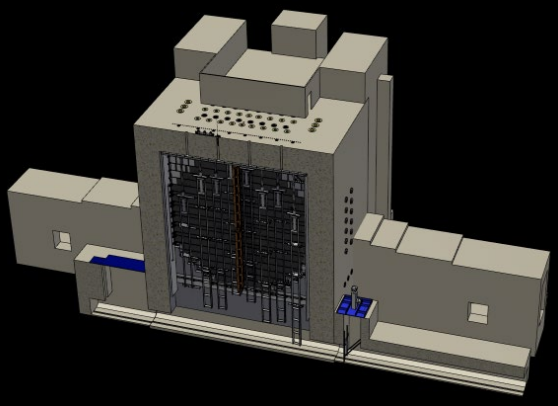
FORTIS
REMOTE TECHNOLOGY

MECHANICAL DESIGN CASE STUDY

Survey Head & Deployment System

ADAPT
Orano Doosan Atkins





Fortis has valuable knowledge of the Windscale Pile One facility and experience with the design and remote operation of equipment within the voids around the fire damaged reactor. Fortis supported a new team with the design and manufacture of a lightweight deployment system and survey head. The system gained access to the Discharge Void through a penetration in the Pile Cap and using solely manual operation incrementally positioned a sensor head up to 24m away, gaining valuable insight into the condition of the reactor structures.