

ANSTO OPAL Reactor CNS Replacement

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ANSTO is planning to replace the Cold Neutron Source (CNS) at the end of its design life. The project has a number of challenges due to the activity of the components. Working to ALARA principles and to minimise the reactor shutdown duration, a number of specialised tools and processes are being developed.

The topics that will be discussed in this presentation include the components to be replaced, computer modelling, tooling, mock-up, safety equipment, planning and training. In addition, some lessons have already been learnt and these lessons can be incorporated into future CNS designs.

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