

**PROJECT FACT SHEET**

**Customer:** **ANSTO** — Australian Nuclear Science & Technology Organisation

**Project:** Design and Construction of Switchboards to support the Nuclear Reactor

**Project Profile:** Nilsen is one of a handful of switchboard builders worldwide that has undertaken an array of type tests specifically for nuclear reactors. Examples are specific heat dissipation modelling and testing, vibration testing (in case of an earthquake) and terrorist proof testing.

Nilsen's Scope of Works included:

- Design of switchboards
- Building of the Switchboards
- Extensive development of Type Testing methodologies
- Switchboards commissioning

Nilsen's technical expertise and ability enabled it to comprehend the nuclear reactor electrical issues.

