

Our Vision

Delta Mobrey is a **I&C** supplier to the **nuclear power** industry, providing customers with nuclear safety instrumentation and control solutions designed to improve the safety, reliability and performance of the stations while reducing the operating costs.

Delta Mobrey designs and manufactures a range of nuclear safety instrumentation and today supports over 100 nuclear reactors worldwide. This includes all existing reactors in the UK and more than 60 reactors in China.

Delta Mobrey has supplied **process instrumentation** viz. pressure, temperature, and flow measuring instrumentation into the nuclear industry for over 60 years. The company involvement started with Calder Hall at the UK's Sellafield site – the world's first commercial reactor, which was connected to the grid in August 1956.

Since these early days nuclear continues to offer commercial levels of power and is viewed as essential to meet the UK's clean energy needs. Together with renewables and energy efficiency, nuclear can reduce carbon emissions. We believe

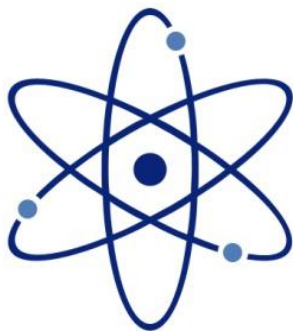
nuclear power is the backbone in achieving net zero targets by 2050.

Keeping informed about industry changes ensures that we adapt our products to suit the changing market requirements. As such we are continuously monitoring and engaging with our global partners to meet their current and future requirements, be it on the innovation side, such as SMR's or AMR's or on decommissioning specific sites. Our wealth of experience allows us to offer solutions that meet the challenging requirements within this highly regulated industry. Also, a number of nuclear power plants are looking to upgrade their existing sites to maintain the levels of efficiency and to continue delivering the level of output required commercially.

The value proposition of Delta Mobrey to customer includes:

- The ability to serve customers throughout the plant and the plant life cycle with a range of solutions.

- Modular and field proven product designs with up-to-date proprietary and Internationally Recognised qualifications to the latest Standards and Codes.
- The ability to design and develop bespoke solutions to meet a number of difficult performance requirement.
- An experienced and qualified workforce, with decades of experience working on nuclear instrumentation.
- A longstanding field experience with more than 1800 reactors-years of successful operation of Delta Mobrey installed instrumentation.



Our history

UK

1956 - Ongoing

For more than 60 years, Delta Mobrey has been involved in the major nuclear programmes worldwide. Delta Mobrey instruments were specified in the very first nuclear reactors built in the UK. Today, Delta Mobrey has had product solutions installed on every UK reactor type.

Delta Mobrey have been supporting the reactor life extension programmes in the UK with new and upgraded instruments. Delta Mobrey has also supported the complete Fuel manufacture and reprocessing cycle working with Springfields and Sellafield (BNFL)

“Ensuring the safety and availability of all the nuclear reactors for 30 years and more by providing support for ongoing supply of key instrumentation” North America

1995

Supply of Differential pressure switch to the nuclear power plants working on CANDU reactor technology in Canada.

Europe

1990s, - Ongoing

Delta Mobrey have been supplying number for instrumentation (Differential Pressure and Temperature Switch) over 3 decades that are installed in the reactor Containment build to monitor the HELB/ LOCA event in all the current operational power plants in Sweden.

2016 – Ongoing

Delta Mobrey has been supplying to one of the two major nuclear power plants in Finland.

Asia

1995 - Ongoing

Delta Mobrey have been supplying classified and non-classified instrumentation to the First nuclear power plant in China and to the new power plants ever since, including the new indigenous Hualong reactors.

“More than 60% of the nuclear reactors in China are using our Instrumentation solutions”.

2009 – Ongoing

Supply of Pressure, Temperature switches and transmitters for the 16 power stations (on 5 nuclear power plants) in Korea

2018

Supply of Pressure, Differential Pressure, and temperature switches for the two-power station in Pakistan working on the new Hualong reactor technology



Our experience and references

We have designed, and manufactured analogue and digital safety instrumentation and control solutions in nuclear reactors of all types all over the world, including, PWR, BWR, PHWR.





“Instrumentation solutions in more than 100 nuclear reactors worldwide.”

Our Solutions

To meet stringent performance requirement that meets local and international standards

A specialist in pressure, temperature, level and flow sensors, Delta Mobrey has provided a range of generic and bespoke instruments to the industry across all the UK Nuclear Fleet including Magnox, AGR, PWR and DFR and PFR.

Our range of solutions covers digital and analogue safety and control systems, safety critical instrumentation and long-term support solutions. Our product solutions are used within containment, in the nuclear island, in safety shut down applications, critical areas of process control, alarm and general process monitoring.



*Emphasis Assessed 588 Series
Gas flow meter*



*Nuclear 300 Series
Differential Pressure Switch*



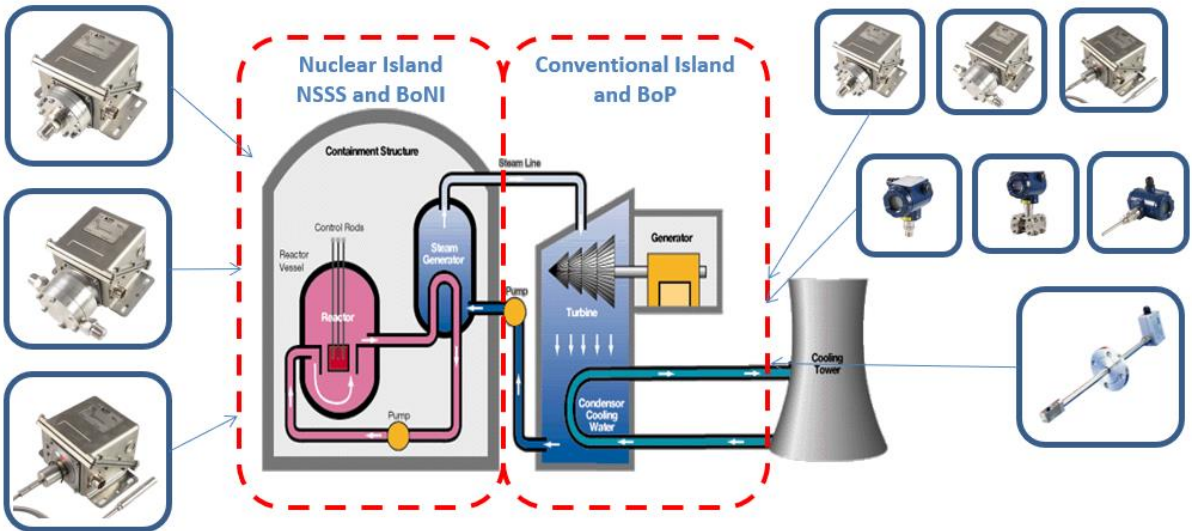
*Nuclear S20 Series
Pressure Switch*



Nuclear 200 Series
Pressure Switch



Nuclear 700 Series
Temperature Switch



Examples of Installed products



Vacuum System



Emergency Cooling Water



Fuel Charge Machine



Switches in Fuel Charge Unit



Flow Transmitters
in Sizewell B



Fast Reaction Air
Temperature Switch



DP Switch Measuring HELB in
Containment

Delta Mobrey Limited

Riverside Business Park, Dogflud Way
Farnham, Surrey GU9 7SS UK
Tel +44 (0) 1252 729140
sales@delta-mobrey.com



Learn more about Delta Mobrey.

[VIEW ALL PRODUCTS](#)