

# Complete Nuclear Power Plant Lifecycle Support

Instrumentation suitable for use in **SIL 1, SIL 2 and SIL 3** rated (IEC61508) Safety Instrumented System (SIS) Loop applications, supplied with up to **10 Year Warranty**.

Application Engineering support, providing standard & customised or **Bespoke solutions**.

Instrument Refurbishments, Upgrades or Back Engineered Like-4-Like Replacements..

**Obsolescence Support**, incl; Rochester (RIS), GEC, TCS, Crompton, Transamerica, Protech, as well as many *Other* instrument Replacements.

Instrument Spares, Re-Calibrations, Refurbishments, Repairs & Replacements.

**Design**

**Seismic Qualified** Instrumentation for use in the various process safety monitoring, control and shut-down systems across plant, incl;

Nuclear Island Equipment & Systems, Reactor Monitoring & Control Systems, Steam Turbine & Generator Equipment Systems, Fuel Route Systems, Waste Handling Systems & General Balance of Plant Control Systems.

**45+ Years Experience & Quality track record**

**New Build**

Robust Reliable **Type A** Instrumentation.

**No Software or uProcessors!**

Proof Test, Calibration & Site Acceptance Testing (SAT) support.

**Commissioning**

Approx 500+ Approved instrument spec's listed within the EDF Energy Catalogue I.D system.

**Decommissioning**

**Plant /Systems Life Extension**

**Operation & Maintenance Support**

**AMELEC**  
SIGNAL CONDITIONING

[www.amelec-uk.com](http://www.amelec-uk.com)  
[sales@amelec-uk.com](mailto:sales@amelec-uk.com)

