

Pyrocontrole Temperature Measurement Expertise for the Nuclear Industry



To meet the **specific needs of the nuclear industry**, Pyrocontrole's engineering teams **design and manufacture temperature sensors** suitable for the **safety requirements** in this sector. This **unique expertise** has been built up over the years since the development of the very first French nuclear power plants and continues to grow today in the context of the third-generation PWR plants.

Qualified to withstand the most extreme conditions in terms of irradiation, seismic requirements, high temperature, pressure, etc., Pyrocontrole's temperature sensor offering fulfils the specific requirements of the nuclear industry:

- Fast-response temperature sensors for accurate instantaneous temperature measurements in the primary circuit, even in the event of rapid variations.
- Tank sensors for measuring the temperature at the bottom of the tank.
- Safety surface sensors which measure pipe temperatures non-intrusively.
- Standard-response sensors which provide highly accurate temperature measurements, from the pressurizer to the machine sets.
- Motor or pump-bearing sensors for monitoring heating inside primary and secondary pump bearings, as well as in safety and lift pumps.
- River sensors.

Pyrocontrole is a qualified industrial partner which **offers customized support**. From definition of the requirements in terms of new installations or modernization through to after-sales service, including engineering and implementation of qualification programs, **Pyrocontrole's teams are there to guide you** throughout your project.

Part of the **Chauvin Arnoux Group**, the European leader in measurement, Pyrocontrole translates all the measurement, testing and control requirements of the most demanding process industries into industrial solutions. Check out the whole Pyrocontrole offering on its website at www.pyrocontrole.com.

Pyrocontrole will be present at the WNE – Paris/ Le Bourget - trade show from 14 th to 16th October. Come and see us at stand H37.

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