

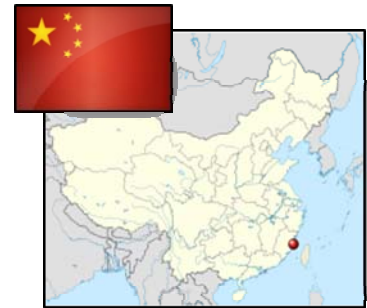
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## Pyrocontrole's DT038 sensor chosen by the Nuclear Power Institute of China to equip the Fuqing nuclear power plant in China

At the beginning of this year, **Pyrocontrole**, acknowledged as an expert in temperature measurement, won a new contract with the **Nuclear Power Institute of China** acting on behalf of the Chinese **CNNC Group**. The **DT038 sensor** will now be fitted on reactors 3 and 4 at the **Fuqing nuclear power plant**. Chosen for its **top-class performance**, the **DT038 fast-response sensor demonstrated its technological advantages**.

Installed in the **reactor's primary loop**, the **DT038 sensor** provides accurate, instantaneous temperature measurements, with a **response time under 1.5 seconds**, even in the event of rapid temperature variations.

**Qualified as K1 according to the RCC-E**, it combines high technology and rugged design to withstand even the severest conditions in terms of irradiation, seismic hazards, temperature and pressure. **Pyrocontrole** will thus be supplying **47 DT038 sensors** to equip reactors 3 and 4 of this CPR-1000 (1000 MW) pressurized-water power plant, scheduled to begin operation in 2015 and 2017 respectively.



Localisation de la centrale de Fuqing

Already present on the Chinese nuclear market, **Pyrocontrole** has thus strengthened its position as a partner of choice acknowledged by the major groups.

An **expert in temperature measurement** for industries with severe operating conditions, **Pyrocontrole** began developing qualified measurement solutions for the nuclear industry at the end of the 1970s, building up acknowledged know-how which it has continued to enhance with the latest technological advances. Working as a **partner** with prime contractors and end-users, **Pyrocontrole** has designed a **comprehensive offering of K1, K2, K3 and NC qualified temperature sensors**.

A part of the **Chauvin Arnoux Group**, the European leader in measurement, **Pyrocontrole** translates all types of measurement, test and control requirements into industrial solutions for the most demanding process industries.

View the entire Pyrocontrole offering at [www.pyrocontrole.com](http://www.pyrocontrole.com).



**DT038 SENSOR:**

- Qualified as K1 according to RCC-E
- Temperature range: 0 / + 400 ° C
- Fast response time < 1.5 sec.
- Fitted on the 900 and 1300 MW series
- Designed and manufactured in France



► **Step into the heart of a nuclear power plant**  
**View our Nuclear offering**

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