

New Rapid Response Temperature Sensor is RCC-E Qualified for Nuclear Power Generation Applications

A new nuclear qualified direct immersion RTD temperature sensor, designed and tested to be installed directly into the bypass of the primary coolant loop of Pressurized Water Reactors, has been introduced by Weed Instrument of Round Rock, Texas, USA.



The new sensor, Model N9355 RTD, has been environmentally and seismically qualified to the RCC-E “K2” equipment qualification standard which is typically specified for French designed and/or operated nuclear power plants.

The N9355 is extremely rugged and is able to withstand severe vibration and shock, while providing a time response of 1.5 seconds or less. The material selection and external wire wound element design of this unique sensor ensure longer installed life and low drift at both elevated temperatures and high vibration, resulting in lower cost of ownership.

Weed Instrument is the world’s largest supplier of temperature sensors, thermowells and transmitters for nuclear power generation applications. Most of the company’s products for the nuclear industry are IEEE qualified. With the addition of the RCC-E qualification, Weed will be able to further expand its penetration of rapidly expanding international nuclear markets.

Weed maintains a quality program that meets the specific requirements of the global nuclear industry. It encompasses ISO 9001:2000, 10CFR50 Appendix B, ANSI N45.2, ASME NQA-1 and ASME NCA 3800.

For more information about the new Model N9355 RTD, contact Dave Robertson, Weed Instrument, 707 Jeffrey Way, Round Rock, Texas 78664. Phone 512/434-2950; Fax 512/434-2951.

Email: nuclear@weedinstrument.com

Web: www.weedinstrument.com