

July 11, 2018

ANNOUNCEMENT

Sartrex is pleased to announce the successful completion of the Startup Instrumentation System for Korea Hydro & Nuclear Power Co. Ltd. (KHNP).

The Startup Instrumentation System (SUIS) helps operating staff in the continuous monitoring of neutron flux, at all times during the change of the state of the reactor ('Approach to Critical' or 'Startup'). The in-core and out-of-core instrumentation is divided into three independent channels to provide redundancy. The start-up instrumentation is connected into the three channels D, E, F of first shutdown system and can automatically trip the reactor if any two of the channels fail, or indicate neutron flux in excess of the trip set-point.

The Startup Instrumentation System was recently re-designed and developed by Sartrex, using the latest technology. It has been designed to work in demanding conditions.



Startup Instrumentation System



The Sartrex SUIS Project Team

The Startup Instrumentation System was manufactured by Sartrex as per the quality standards of ASME NQA1, CSA Z299.1, CSA N286.2 and ISO 9001:2015. The Startup Instrumentation System underwent rigorous Electromagnetic Compatibility tests and was qualified to standards such as: IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, MIL-STD-461, CE-101, CE-102, RE-101 and RE-102

For more details please contact our highly experienced Sales / Engineering team at +1 (905) 669-2278 extensions 337 or 394

Sincerely,

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