INP Reference

FZ Jülich – District Heat Extraction

LOCATION: Jülich and Weisweiler, Germany

SYSTEM/TECHNOLOGY: Siemens S5, Coros, WinCC

SERVICES: Commissioning, Project management, Basic-engineering and pre-engineering, Detail engineering

INDUSTRY BRANCH/TYPE OF PLANT: Transmission & Distribution, Power Generation, Power plants

CLIENT: RWE Service GmbH

Project description

Conversion of the Coros operator station to a current SIMATIC WinCC system at the research center location in Jülich. The S5 controls and the communication interface are to remain unchanged.

- One-to-one implementation of the Coros operator screens and faceplates for WinCC
- The look and feel of Coros should remain preserved for the operator
- Coros should remain ready for operation (in addition to the WinCC system) until commissioning

INP Services

- Planning the messages, signals, measurements and limits using a Coros expert
- Adopting the existing Coros operator screens in the 16:9 screen format according to WinCC and speeding up the operator screens
- Creating the faceplates in WinCC
- Replacement of the WinCC communication parameters with the Coros configuration
- Conversion of the H1 interface via a switch to the RJ45 interface for WinCC
- Reconfiguration of the S5 communication parameters
- Programming of the cyclical archiving of variables and curve data
- Changes and optimizations to the operator screens at the customer's request
- System commissioning of the new operator station
- Commissioning of the new operation, the faceplates and individual signals (drive systems, measurements, alarms and notifications, etc.)

POINTS OF CONTACT



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