

Project Synopsis

Title : Reinstatement of Doha Fuel Oil Pump House

Client : Kuwait National Petroleum Company - Kuwait

Brief Project Description

Kana Designed, Supplied & Commissioned /Reinstated Hot standby PLC based Telemetry Control System for Remote Operation & Control of Fuel Oil Transfer Pumps from Product Loading Control Room (PLCR) and Washeries Control Room (WCR) at Mina Al Ahmadi Refinery, utilizing the existing network and integrated it to Foxboro DCS.

Monitored & Controlled Locations

Doha Fuel Oil Pump house Local Control Room (LCR)
Product Loading Control Room (PLCR)
Washeries Control Room (WCR)

Equipment at Doha Fuel Oil Pump House Local Control Room

1. Hot standby PLC System with remote I/O
2. Communication Interface to PLCR & WCR
3. Communication Interface to Foxboro DCS

Equipment at Product Loading Control Room

1. PLC System with Distributed I/O
2. Interface to Control room Annunciators, Mimic display .
3. Communication Interface to communicate with LCR.

Equipment at Washeries Control Room

1. PLC System
2. Interface to Control room Annunciators, Mimic display
3. Communication Interface to communicate with LCR.

Communication Medium

Dedicated Wire Line

Total No. of I/O's

Approx. 2000 I/O's

Major Equipment

- Hot Standby PLC - Modicon Quantum from Schneider
- Communication Modems - Dataforth - USA

The System was commissioned & Handed Over in Dec. 1997



KANA CONTROLS

AUTOMATION SOLUTIONS

