

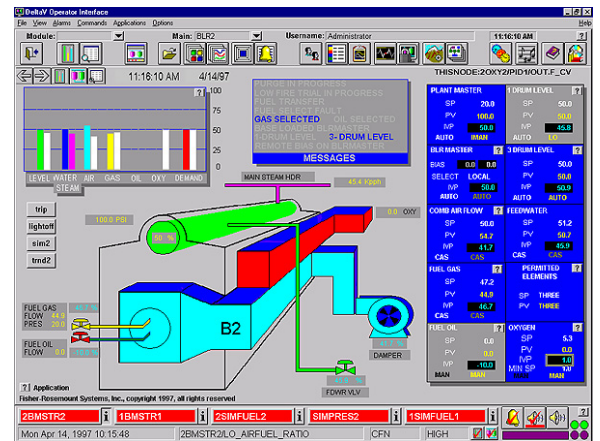
Boiler House Control System Upgrade Chemical Company – Virginia, USA

Client Benefits

A large chemical company in Virginia needed to upgrade and replace obsolete control systems within the power house. They also wanted to provide a consolidated operator interface to the boilers and their related equipment. Peregrine accomplished this by installing a Distributive Control System (DCS), which has facilitated improvements to overall boiler efficiencies and control room operation.

The Opportunity

The company was searching for a cost effective way to implement the capital-intensive task of upgrading outdated individual boiler control systems. They also wanted to preserve their capital for use in core business areas while addressing this urgent utility need.



The Solution

As a result of the analysis performed by Peregrine under the Utility Services and Lease Agreement, Peregrine funded and installed a new DCS and replaced the existing control devices on eight of nine boilers.

The following is an overview of the scope of work:

- Purchase of hardware, software, and operator interface stations
- Programming and installation of all equipment
- Redundancy provided for controllers, I/O's, operator interfaces and power supplies
- Field devices replaced as needed to achieve efficiency gains (fuel savings)
- DCS connected to the plant PC network for real-time viewing

The project is slated for completion in late 2003.