

## CONTROL SYSTEMS INTEGRATION

- Distributed Control Systems (DCS)
- Programmable Logic Controllers (PLC)
- Hybrid Control Systems
- PC Based Systems / NT Platforms

## ELECTRICAL SYSTEMS DESIGN

- Power System Analysis
- Sub-Station Design
- Protective Relaying
- Plant Switchgear
- Power Generation / Industrial Systems

## Cleaner Air for New England - Reducing NOx

ControlPoint has been selected to provide the control systems for NOx control processes at 4 Coal Fired Power Plants in Kentucky, Ohio, and Indiana. Mandated by the Clean Air Act, the system will reduce power plant emissions that migrate northeast to the New England region.



ControlPoint's system control package utilizes a Honeywell Hybrid Controller with a full feature HMI graphics software. The system is fully integrated with the existing power plant Distributed Control System. ControlPoint is providing the entire control system including engineering and design, hardware and software specification, system procurement, assembly/fabrication, logic programming, HMI configuration, and on-site system startup.

## New SCADA System Nears Completion

Engineering and design of a new SCADA System will soon be complete for the City of Meriden, Connecticut on a project that will update their entire water system control and data acquisition system. Working with US Filter Control Systems, ControlPoint has responsibility for site systems design, electrical engineering, and control system loop development.



The SCADA System will establish central control of twenty-six facilities including filter stations, pumping stations, tank storage sites, wells, and reservoirs located around the city. The City's Water Division serves some 58,000 residents who require an average of 6 to 7 million gallons a day.

## Modifying the DCS Program at MIT

ControlPoint began modifying MIT's Foxboro I/A Distributed Control System programming for the facilities chiller plants. Plant sequence control and graphic displays were modified on the new DCS system's Central Processing Unit as each Chiller becomes available. The system serves the campus chilled water requirements for space conditioning.