

Case Studies

Industry: Utility-Power Plant

Application: Control Room

Customer: Indiana-Kentucky Electric - Clifty Creek Power Generating Facility.

Location: Madison, Indiana



The Need: The **Clifty Creek Power Plant** along the Ohio River in Madison, Indiana built in the 1950's to provide energy for a federal uranium enrichment plant in Portsmouth, Ohio is a 2,365 megawatt power generating facility. It has implemented a major project aimed at reducing NO_x emissions by more than 80% through adding selective catalytic reduction (SCR) systems and other systems to their facility.

As part of that project, their six (6) control rooms were converted over to the latest in -computerized monitoring equipment, requiring computer control consoles. The customer wanted a long lasting, rugged, all steel computer console suitable for 24/7/365 operations.

This project was stagger over approximately a year, as each of the existing control rooms were taken out of service while rooms were completely re-fitted with newer technology equipment. Mainline managed the console fabrication and delivery for the project, so just in time shipment of each of the six (6) consoles met the customer's requirements.

The Product Used: The **SMC System 2000** Command Bridge solution provided Indiana-Kentucky Electric the monitoring design needed for their six (6) control rooms.

Why Mainline & SMC?: Indiana-Kentucky found that design of **SMC/System 2000** met their construction criteria, and that the console's ruggedness met the industrial nature of the environment required. The deal closer seemed to be our willingness to meet the staggered delivery schedule which spanned over 1 year and the project management required for timely deliveries that were required, to eliminate any downtime.