

SCR INSTALLATION

AQUILA
SIBLEY, MO

DESCRIPTION

Installation of a Selective Catalytic Reduction (SCR) of a 420 MW unit.

SERVICES PROVIDED

NAES Power Contractors is responsible for supplying the site management team, all craft labor and all subcontracts. The scope of work includes receiving, fabricating and installing all SCR material and equipment including the structural steel, ductwork expansion joints, the SCR reactor, and the SCR catalyst.

This is a very complex project that involves the fabrication and installation of 1,400 tons of steel in a very confined area of an operating power plant with limited lay-down and preassembly space. NAES Power Contractors developed and implemented a unique constructability plan that called for the Babcock Power/NAES Power Contractors site team to closely coordinate material arrivals, component and preassembly fabrication on the ground and then final placement of components, some weighing up to 140,000 lbs utilizing a 600 ton Demag crane. Close coordination with both the Aquila plant team and the Babcock Power team has been critical to making this project successful.

- Supplied site management team, craft labor and all subcontracts
- Fabricated and installed all SCR material and equipment (including structural steel, ductwork expansion joints, SCR reactor, and SCR catalyst)
- Developed and implemented a construction plan for the project's unique requirements



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