

Project:

Montgomery Point Lock & Dam
Dewatering Project
DACW03-97-C-0025

Location:

White River, Desha Co.
Tichnor, AR

Owner Representative:

Corps of Engineers,
Little Rock District
Mitch Eggburn, P.E.
35B Wild Goose Lane
Tichnor, AR 72166
Ph. 870-850-7106 x102 or 501-324-7192
Fx. 870-850-6507
Email: mitchell.t.eggburn@swl02.usace.army.mil

General Contract / Project Manager:

J.A. Jones / Atkinson Construction
P.O. Box 849
Rosedale, MS 38769

Subcontract Amount:

\$2,082,639

Maintenance Contract Amount:

\$825,000

Start & Completion Date:

Dec-1998 to Oct-2004



Description of the Project:

This project provided critical dewatering facilities for the construction of a new Lock & Dam. It also provides power for construction and lighting. We executed the contract on a **Design/Build** basis for review and approval by the COE. The 7 Mega-Watt, 25KV, power distribution system serves 78 well pumps. This system started with a 25KV, Outdoor, Deadfront, **Medium Voltage Switchgear** lineup with automatic power factor correction capacitor banks. This line up feeds 6 power **Unit Substations**, which include a step down transformer to 480 volt and a ATS, Backup 750KW Generator, and 480 Switchboard. These stations are mounted on elevated platforms to get above the 500 year flood level.

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