

# AUMA News

## 150 State-of-Art AUMATIC Actuators Slated for Installation At New 500 MW Wisconsin Power Plant

AUMA Actuators, Inc. is supplying more than 150 state-of-the-art electric actuators to control all motor operated valves and many of the dampers at the new 500 megawatt Weston Power Plant Unit 4 being constructed in Wausau, Wisconsin, by Wisconsin Public Service Corporation (WPSC).

When added to three existing units at the Weston site, that location will have a total electric generation capability of 1,010 megawatts. Dairyland Power Cooperative has a 150-megawatt generation share and a thirty percent ownership share in the new unit.

All of the AUMA actuators are furnished with AUMATIC controls and encoders for position and torque sensing permitting plant personnel to set up actuator parameters non-intrusively. The actuators interface with the plant control system via redundant PROFIBUS-DP protocol with V1 services. The AUMA actuators will control the flow of water, steam and air up to 3500 psi throughout the new unit.

"WPSC chose AUMA as a supplier for several reasons; the modular design, Profibus DPV1 communication, onboard diagnostics, robust operating specifications, optional remote mounted heads, and demonstrated precision performance," said Rodney Howard Weston 4 Project Technical Consultant. "Our customers expect WPSC to provide the best value in reliable energy related services. By using intelligent, dependable, cost-effective components such as the AUMA actuators in the Unit 4 design, we intend on meeting our stated corporate mission by utilizing many of the on-board diagnostic features. This will provide operations with fast and accurate heads-up information and enable them to take quick corrective action."

The \$752-million Unit 4 addition will utilize advanced clean coal technology to burn low sulfur coal in a high-efficiency boiler. Construction, which began October 2004, is scheduled for completion in 2008.

### About Wisconsin Public Service

Wisconsin Public Service Corporation, a wholly owned subsidiary of WPS Resources Corporation (NYSE: WPS), is an investor-owned electric and natural gas utility headquartered in Green Bay, Wisconsin. It serves approximately 420,000 electric customers and 305,000 retail natural gas customers in residential, agricultural, industrial, and commercial markets, as well as wholesale customers. The company's service area includes northeastern and central Wisconsin, as well as an adjacent portion of Upper Michigan. Additional information may be found on the Internet at [www.wisconsinpublicservice.com](http://www.wisconsinpublicservice.com).

**AUMA Actuators**, Inc., headquartered in Canonsburg, Pennsylvania, has been a worldwide provider of precision automatic valve controls for more than 40 years for such diverse applications electric power generation, refining, hydrocarbon processing, chemical processing, manufacturing, water and wastewater management, and mining.