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Technology

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AVANTech Completes Delivery of Makeup Water Treatment System for the Hanford Waste Treatment Plant

AVANTech, Inc. has completed the delivery of a 350 gpm (~80 m³/Hr) make-up water treatment system for Bechtel's River Protection Project at the Department of Energy's Hanford site. AVANTech's scope of work required complete integration of the entire make-up treatment facility including; automated controls, distribution systems for domestic water, process water and demineralized water, power distribution and interconnecting piping. The contract included system design, engineering, fabrication and full system testing and validation prior to site delivery. Technologies deployed included cartridge filtration, chlorination, chemical pre-treatment, reverse osmosis and ultraviolet light sterilization. All operations are accomplished through a Human Machine Interface (HMI) located in the facilities central control room.

AVANTech is a water-treatment company with a commitment to providing service second to none! AVANTech was founded in 1999 and has expanded its business by applying the exceptional talents of its technical team. AVANTech's approach to facility integration makes us uniquely qualified to provide turnkey services. Our personnel have extensive experience in the planning, design, manufacturing and operation of water-treatment systems for industrial and government clients. AVANTech technologies have enabled facilities to establish zero liquid discharge operations by completely recycling all of their wastewater. "This contract is an excellent example of our ability to integrate clients' complex requirements in a simple and cost effective manner." "AVANTech is committed to customer service excellence by implementing creative engineered solutions that create unique value for our water/ wastewater customers," stated AVANTech President Jim Braun.

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