

Cold Jet part of Hanford nuclear waste cleanup

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Cold Jet LLC said it will provide equipment for the cleanup of the former Hanford nuclear production site in Hanford, Wash.

Loveland-based Cold Jet will supply two customized, integrated dry ice blasting and production systems to the Hanford Nuclear Waste Treatment Plant being built by **Bechtel National Inc.**, according to a news release. It was hired for the project by subcontractor **Wagstaff Applied Technologies**.

The systems will be part of an automatic weld inspection system in the Low Activity Waste Facility. They will feed pelletized carbon dioxide to a blasting system, which will clean welds on the end caps of steel canisters so that they can be inspected.

The systems, and Cold Jet's equipment, are expected to be operating for 40 years, according to the release.

"We have undertaken years of research and development to meet the stringent standards and requirements that were defined in the original request for this project," said CEO Gene Cooke, adding that Hanford is the largest waste cleanup project in U.S. history.

Opened in 1943, Hanford, which produced plutonium until the 1980s, was once home to nine nuclear reactors. It is one of the most contaminated nuclear sites in the United States, with more than 53 million gallons of radioactive and chemical waste stored in underground tanks.

Cold Jet, a manufacturer of dry ice blasting and production equipment, also has operations in Belgium, China, Canada, Germany and Mexico