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White Mesa Mill



Denison's 100% owned White Mesa mill is a fully licensed, conventional uranium processing mill with a vanadium co-product recovery circuit. Located six miles south of Blanding, Utah in the southeastern part of the state, White Mesa is the only conventional uranium mill currently operating in the United States. It is strategically located within hauling distance of all of Denison's current U.S. mine and exploration properties.

The mill uses sulfuric acid (H_2SO_4) leaching and a solvent extraction recovery process to extract and recover uranium (U_3O_8) and vanadium (V_2O_5). The mill is licensed to process an average of 2,000 tons per day of ore and produce 8.0 million pounds of U_3O_8 per year. In full operation, the mill employs approximately 150 people.

White Mesa is also licensed to process alternate feed materials – uranium-bearing materials derived from uranium conversion, tantalum and other metal processing facilities or material from U.S. government cleanup projects. Usually classified as waste by the generators of the material, Denison processes the material, reclaiming uranium that would otherwise have been disposed of in licensed waste facilities and disposes of the remaining by-product in the mill's licensed tailings cells.