

Uranerz Energy Corporation, Nichols Ranch Uranium In Situ Recovery Project

Site Location and Project Description

The Nichols Ranch in situ recovery (ISR) Project is located in the Pumpkin Buttes Uranium Mining District of the Powder River Basin in Johnson and Campbell counties, Wyoming. The Nichols Ranch ISR Project is divided into two units, the Nichols Ranch Unit and the Hank Unit. The Hank Unit is located approximately 6 miles east of the Nichols Ranch.

Project Licensing and Operating History

The Nuclear Regulatory Commission (NRC) issued Source Material License SUA-1597 to the Uranerz Energy Corporation (Uranerz) in July 2011 for uranium production at the Nichols Ranch ISR Project. The Nichols Ranch ISR Project began operations in April 2014 after successful completion of a pre-operational inspection led by the NRC Region IV office. The licensee will load uranium on resins to be transported to the Highlands/Smith Ranch facility for further processing. There is no yellowcake production at this time at the Nichols Ranch ISR Project.

Groundwater Protection and Airborne Effluent and Environmental Monitoring Program

The licensee is required by commitments made in its application and by license conditions to a comprehensive groundwater monitoring program and an airborne effluent and environmental monitoring program. The licensee submits semi-annual effluent reports as required by regulation.

Additional Information

For more information about the Nichols Ranch Project, visit the NRC uranium recovery website at <http://www.nrc.gov/info-finder/materials/uranium/> or contact the NRC facility project manager, Ron Linton, at (301) 415-7777 or ron.linton@nrc.gov.