



Malcolm L. Shannon, Jr.  
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March 20, 2008

Via Mail and E-Mail: dtm1@nrc.gov

Mr. Charles Miller  
Director, Office of Federal & State Materials and Environmental Management  
Programs  
United States Nuclear Regulatory Commission  
2 White Flint North, Mail Stop T8F5  
11545 Rockville Pike  
Rockville, MD 20852

RE: Letter of Intent - WildHorse Energy, Inc., West Alkali Creek-Project (Bison Basin); Fremont County, Wyoming.

Dear Mr. Miller:

In accordance with the telephone call received yesterday from Mr. Douglas Mandeville, of your office, WildHorse Energy hereby notifies you that it intends to submit an application for a US NRC Source Material License for its West Alkali Project located in southern Central Wyoming. We currently expect to submit the application in late 2009 or early 2010. The NRC will be notified of schedule changes.

In support of the application WildHorse has started conducting environmental baseline studies at the West Alkali Project site. Briefly, those studies and activities completed, in-progress or scheduled to be conducted are:

1. A meteorological station was installed on the site and continuous weather data have been collected since August 2007.
2. Sixteen groundwater monitoring wells have been installed to date and several more will be installed this spring. The wells make up a groundwater monitoring network that will be used to establish the baseline groundwater quality and to characterize hydrogeologic conditions of the ore zone as well as other water bearing zones.
3. An archaeology survey of the site was completed in October 2007.
4. Wildlife studies were initiated last May 2007 with a preliminary sage grouse lek survey.
5. Pygmy rabbit and prairie dog surveys were completed on October 2007.



6. Additional wildlife surveys including sage grouse, nesting raptors, breeding birds, and mountain plover will be conducted this spring and summer 2008.

7. Other baseline studies to be conducted in 2008 include:

- a. groundwater, surface water,
- b. air quality,
- c. soils,
- d. radiation, and
- e. socio-economic studies.

Thank you very much for your attention. Please let us know if you have any questions.

Sincerely,

Malcolm L. Shannon, Jr.  
Vice President of U.S. Operations

Cc: Bill VonTill (via [rwv@nrc.gov](mailto:rwv@nrc.gov))



**Bill VonTill - Fwd: Request for information via Paul Bergstrom**

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**From:** Stephen Cohen  
**To:** Bill VonTill  
**Date:** 3/21/2008 8:03 AM  
**Subject:** Fwd: Request for information via Paul Bergstrom

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>>> "Richard Blubaugh" <rblubaugh@powertechuranium.com> 03/20/2008 11:31 AM >>>  
Steve,

I trust you received my voice mail regarding the anticipated licensing of our Wyoming projects. This affirms that Powertech does not anticipate filing a new license application for either its Aladdin or Dewey Terrace Projects that are located in Wyoming within the next three years. As previously stated in our LOI dated January 2007, we do anticipate submitting a license application for the Dewey-Burdock Project in South Dakota later this year.

As I understood the other question from Paul Bergstrom, you need to know if there are federal surface or minerals associated with our Wyoming and South Dakota projects. There are federal minerals associated with Dewey-Burdock. We expect there will be some federal surface as well.

Aladdin does not have any federal surface but does have a relatively small amount of federal minerals.

Dewey Terrace has both federal surface and minerals.

Please do not hesitate to contact me directly should you have any additional questions regarding the prospective licensing action for the Dewey-Burdock Project or our other uranium projects.

Richard E. Blubaugh  
Vice President - EH&S Resources  
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