

POWERTECH (USA) INC.

RICHARD E. BLUBAUGH
Vice President – Environmental
Health & Safety Resources

December 23, 2010

United States Nuclear Regulatory Commission
Division of Waste Management and Environmental Protection
Office of Federal and State Materials and Environmental
Management Programs
Washington, DC 20555-0001

VIA UPS

Attn: Mr. Ron Burrows, Project Manager

Re: Powertech (USA) Inc.'s Response to the NRC Staff's Requests for Additional Information Concerning the Dewey-Burdock Project, Custer and Fall River Counties, South Dakota; Docket No. 40-9075, TAC No. J00606

Dear Mr. Burrows:

Transmitted with this letter is Powertech (USA) Inc.'s (Powertech) response to requests for additional information regarding Powertech's August 10, 2009 Source Material License application to the U.S. Nuclear Regulatory Commission (NRC). The NRC technical staff's request for additional information (RAI) is necessary in order to complete their review of the proposed Powertech (USA) Dewey-Burdock Project. Two sets of requests were received from the NRC staff regarding the Technical Report (TR) submitted in support of the Source Material License Application.

The first request package dated May 19, 2010 followed a public teleconference that took place on April 08, 2010, where additional technical information was requested from Powertech (USA). The requests were presented in a topic format and included the topics of process and restoration, radiological and miscellaneous issues. The NRC meeting was moderated by Mr. Ronald A. Burrows, NRC Project Manager.

The second request package dated May 28, 2010 includes numerous issues, some of which were discussed during the March 8, 2010 teleconference and, when combined with the May 19th request package, represents a completed NRC staff TR_RAI package for the proposed Dewey-Burdock Project. This second package is presented in a format consistent with the application sections. Sections identified are: 2.5, 2.6, 2.7, 2.9, 3.1, 4.0, 4.1, 5.0, 5.2, 5.3, 5.5, 5.7.2, 5.7.3, 5.7.4, 5.7.5, 5.7.6, 5.7.7, 5.7.8, 5.7.9, 6.0, 6.1, 6.2, 6.3, 6.4, and 7.0. Even though NRC submitted two separate TR_RAI packages on two separate dates to Powertech, the NRC stipulated in their May 19, 2010 letter that Powertech respond to both sets of requests within one TR_RAI response package, and that we ... "submit all appropriate page changes that incorporate the response."

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Due to the differing formats of the two TR_RAI packages and the stipulation that the two TR_RAI packages be submitted within one response package, the format of the enclosed document follows the same formats as the requests and headings are titled to identify separately the two requests in order to minimize any confusion. The document dates are included within the headings, thus distinguishing the first set (May, 19) from the second set (May 29).

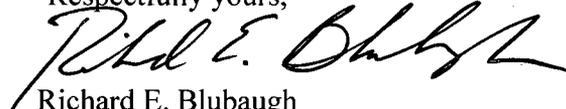
Also, a table titled "Technical Report Revision Index" has been provided to note revised pages, figures, and exhibits. The response package includes by reference ER_RAI responses previously submitted (August 11, 2010) to the NRC in an effort to reduce redundancy. The TR_RAI Response package also includes TR_RAI Response and Replacement Pages wherein all revised or substitute pages, figures and exhibits appropriate to the response package are located.

This letter also serves to formally correct ER_RAI PA-2.3. In a PM-to-PM discussion with Haimanot Yilma on December 6th, we agreed to provide the correction to ER_RAI PA-2.3 in this transmittal letter for the response to the TR RAI. For the land application option, the correct number of acres expected to be irrigated at any one time during the project operation is **630**. The acreage number previously submitted was 730, which was an inadvertent typographical error.

With this letter, Powertech is providing two hard copies and one compact disk (CD) copy to the NRC as previously agreed.

Powertech appreciates the need for the requests for additional information and encourages the NRC staff to review the enclosed information thoroughly and expeditiously. We look forward to further PM-to-PM communications in order to promptly address any need for clarification of the enclosed information. Please do not hesitate to contact the undersigned at your earliest convenience with comments or questions requiring clarification.

Respectfully yours,



Richard E. Blubaugh
Vice President EH&S Resources
Powertech (USA) Inc.

Enclosures

cc: Mark Hollenbeck)
Amy Thurlkill) All Without Enclosure
John Mays)
Wallace Mays)
R.F. Clement)