

March 29, 2011
MEETING NOTICE

REVISED TO INCLUDE CHANGE IN MEETING ROOM AND AGENDA AS OF 3/29/11

MEMORANDUM TO: Bill Von Till, Chief
Uranium Recovery Licensing Branch
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

FROM: Ron Burrows, Project Manager **/RA/**
Uranium Recovery Licensing Branch
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

DATE/TIME: April 7 - 8, 2011
9:00 a.m. – 6:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission
Two White Flint North, Room O4B6
11545 Rockville Pike
Rockville, MD 20852

Newly scheduled Revised Canceled

COMPANY: Powertech (USA) Inc.

DOCKET: 04009075

PURPOSE: Meeting to Discuss Powertech's Responses to NRC Staff's Request for
Additional Information

PARTICIPANTS: NRC Offices Attendees
Bill Von Till Richard Blubaugh, Powertech
Ron Burrows Christopher Pugsley, Thompson & Pugsley
Stephen Cohen et al.
Tom Lancaster
Varughese Kurian
et al.

CONTACT: Ron Burrows, FSME/DWMEP/DURLD
(301) 415-6443
Ronald.Burrows@nrc.gov

CATEGORY: Category 1. The public is invited to observe this meeting and will have opportunities to communicate with the NRC staff after the business portion, but before the meeting is adjourned. **Interested members of the public can participate in this meeting via a toll-free teleconference. For details, please call the NRC meeting contact by April 1, 2011.**

ENCLOSURE: Agenda

NOTE: The NRC's Policy Statement "Enhanced Public Participation in NRC Meetings," May 28, 2002, applies to this meeting. The Policy Statement may be found on the NRC Web site, www.nrc.gov, and contains information regarding visitors and security.

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DISTRIBUTION:

Meeting Attendees JWhitten/RIV LGersey/RIV MClark PJehle PMNS
KMcConnell

ML110880030

Office	DWMEP	DWMEP	DWMEP	DWMEP
Name	RBurrows	BGarrett	SCohen	RBurrows
Date	03/29/11	03/ 29/11	3/29/11	03/ 29/11

OFFICIAL RECORD COPY

MEETING AGENDA
Powertech (USA) Inc.
April 7 - 8, 2011

MEETING PURPOSE: Meeting to Discuss Powertech's Responses to NRC Staff's Request for Additional Information

MEETING PROCESS:

April 7, 2011 -

<u>Time</u>	<u>Topic</u>	<u>Lead</u>
9:00 a.m.	Introductions	All
	Discussion of agenda items (see Attachment)	All
	Summary of Action Items	Moderator
	Public Comment/Questions	Moderator
6:00 p.m.	Adjourn	

April 8, 2011 -

<u>Time</u>	<u>Topic</u>	<u>Lead</u>
9:00 a.m.	Introductions	All
	Discussion of agenda items (see Attachment)	All
	Summary of Action Items	Moderator
	Public Comment/Questions	Moderator
6:00 p.m.	Adjourn	

Enclosure

Agenda Items

Introductions of participants

Discussion of TR RAI and Powertech's proposal to clarify/improve the response

- 1.) TR RAI response issues
 - a. Communications with NRC
 - b. Response format - replacement pages
- 2.) Powertech proposal to clarify and/or improve responses
 - a. WWC Engineering to review and assist with responses
 - b. Petrotek as lead hydrogeology experts
 - c. Proposed submittal of second Question and Answer response with revised responses and incorporation of input from new contractors
 - d. Developing more detailed hydrogeologic response (numerical model of project site)

Review of Significant Items presented in TR and ER RAI responses

- 1.) Geology
 - a. Cross-sections and formation detail showing interbedded shales
 - b. Breccia pipe evaluation
- 2.) Hydrogeology
 - a. Overview of hydrogeology and general site model
 - b. Well field designations and ore bodies removed from application
 - c. Monitoring diagram and discussion of monitor well placement for well fields
 - d. Clarification of TR text based upon regional studies which conflict with site approach
- 3.) Project Design
 - a. Water Balance
 - b. Liquid Waste Disposal
 - i. Class V design
 - ii. Land Application Design
 - iii. Pond designs for both options
 - c. Restoration Design
 - i. Groundwater treatment with minimal groundwater sweep
 - ii. Restoration alternative with groundwater sweep and evaluation of groundwater impacts

Review March 7th email from R. Burrows

- 1.) Clarification of 39 items which could not be located.
 - a. Mapping of interbedded shales TR-RAI -P&R 1
 - b. Activities in zone with unconfined or limited head TR-RAI-3.1-2
 - c. Breccia pipes TR-RAI-P&R-12a
 - d. Plugging of exploration boreholes TR-RAI-P&R-9
 - e. All other items as time allows

- 2.) Review of 67 items deemed “insufficient” and responses to each by Powertech.
 - a. Location of underground mining workings and impact on operations - TR-RAI-P&R-2
 - b. Description of Morrison and relevant borehole data - TR-RAI-P&R 4 and 8
 - c. Surface water interactions from production zones - TR-RAI-P&R 2.7-9 and 10
 - d. Justification for air particulate sampling program TR-RAI-2.9-1
 - e. Discussion of multiple RAI related to sampling of food items TR-RAI-2.9-11 through 17.
 - f. Baseline soils sampling TR-RAI-2.9-40 a, b, c
 - g. Backup systems TR-RAI-MI-3
 - h. Potentiometric data TR-RAI-2.7-8
 - i. Protection of infrastructure from flooding TR RAI 2.7-4
 - j. All other items as time allows

Path Forward

- 1.) Powertech would like to submit revised TR RAI question and answer package incorporating feedback from the April 7th meeting ASAP.
- 2.) Additional discussion or confirmation from NRC requested – improved communications for feedback and guidance
- 3.) Revision of TR application text
- 4.) Proposed Schedule for submittal of revised Q and A package and/or revised TR.