

**Tuesday, January 9, 2006 Teleconference Call Minutes**  
Re: Cabot Reading Site Status Conference Call

**AGENDA**

- 1) Acceptance of Minutes of January 3, 2006 Teleconference Minutes
- 2) Rip Rap Status Report
- 3) Status Review on Dose Assessment Technical Review
- 4) Schedule
- 5) Other items

**PARTICIPANTS:**

Steffan Helbig, (STEP, rep. Cabot)  
Tom Potter (STEP, rep. Cabot)  
Dave Harmanos (GeoSystems, rep. Cabot)  
Robert Maiers (PADEP)  
Jeffrey Whitehead (PADEP)  
Brian Werner (PADEP)  
Ted Smith (NRC)  
Shamica Walker (NRC)  
Ted Johnson (rep. NRC)

**MINUTES**

- 1) Draft minutes sent by S. Helbig this AM. Will look for comments from NRC, finalize and forward. Cabot will forward to PADEP.
- 2) Status Review on Rip Rap Design Submittal

Dave Harmanos has completed the PMF calculations. Using several sources he has a high degree of confidence in the number of approximately 300,000 cfs. The design criteria and cross sections are being drafted now. We expect to have an outline ready for submittal this week and draft submittal next week. Cabot asked for a review of what format/items would the NRC expect in the submittal.

Ted Johnson responded:

- Write up on the technical basis for the calculations
- Provide back up calculations in appendices

- Describe methods and procedures for placement. (S Helbig pointed out that we may use conservative rock size and gradation in combination with placement to ensure a durable cover)
- Provide available data and confirmatory test results relating to rock quality and durability
- Provide many cross sections with detail blow ups such as toe and apron with dimensions
- Describe quality assurance/quality control procedures
- Provide site-specific radiological H&S plan. (S. Helbig stated that we would prefer to have the H&S plan in the rip rap submittal. However, if it was not finalized, it would be included as a draft in the rip rap design or submitted later so as not to delay the process)

PADP asked if the submittals were responding to a specific RAI. NRC and Cabot representatives summarized that the submittals were responding to the general questions in an earlier RAI and details developed during the conference calls. The details are captured in the minutes and they will be available.

Ted Johnson suggested that Cabot send the rip rap submittal directly to him to expedite the schedule. S. Helbig agreed that it could be sent concurrently to him and Ted Smith to avoid a turn around delay. Ted Smith agreed that this should be acceptable.

### 3) Status Review on Dose Assessment Technical Review

Shamica Walker and Tom Youngblood have been coordinating their reviews. Tom has completed review of the compliance scenarios and is working on the alternate scenarios. He is reviewing Cabot's Response to the Johns Hopkins Draft Report. He will evaluate what level of uncertainty in the volume of slag is acceptable.

Shamica is waiting for some minor input from Cabot to finish her review. Tom Potter and Shamica reviewed the items:

- Reference(s) to support the exposure times for workers performing limited and major excavation
- Narrative to better develop the exposure times for other scenarios (trespasser and worker). It is not anticipated that there will be any additional independent reference data for these times because none is known to exist.
- Cabot will correct some minor typographic and labeling errors in the RA

#### **4) Schedule/Action Items**

- Cabot is working on finalizing the rip rap design and the submittal ASAP. If the submittal is received by Ted Johnson by Thursday of this week, we could discuss it on a conference call next week. Cabot will try to make that deadline.

#### **5) Other Items**

PADEP inquired as to the NRC's schedule for approval and Cabot's schedule for construction.

Ted Smith believes that we are currently looking at a mid to late summer approval.

S. Helbig stated that he believes Cabot would like to proceed as soon as possible because it would be preferable to perform the work before the adjacent land is redeveloped or River Road is constructed.

Ted Smith described that Cabot could proceed at risk to develop bid documents and put contracts in place and proceed following approval of the DP. The timing of approval relative to construction season weather conditions may have an impact.

#### **Next Conference Call**

Tuesday, January 17, 2006 10 - 11am. Tentative - if draft rip rap design available by Thursday and key participants are available. Cabot will inform attendees if call is cancelled.