



State of Utah

Department of
Environmental Quality

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Executive Director

DIVISION OF RADIATION
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Director

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May 2, 2007

Mr. Harold Roberts
Vice President – Corporate Development
Denison Mines (USA) Corp. (DUSA)
1050 Seventeenth Street, Suite 950
Denver, CO 80265

Re: March 28, 2007 DUSA Submittal Regarding the February 8, 2007 DRC Round 6 Interrogatory for the White Mesa Mill Cell 4A Lining System Design Report: **DRC Review Findings, Request for Information - -Round 7 Interrogatory, and Conditional Approval to Begin GCL Hydration Demonstration Project**

Dear Mr. Roberts,

We have reviewed the subject submittal. This Round 7 Interrogatory is a response to the submittal. It identifies issues and concerns related to cell design and re-lining project that continue to be unresolved. Additionally, this letter authorizes DUSA to begin a hydration demonstration project under certain conditions. As previous, URS staff performed this review and prepared the Interrogatory, which is attached for your consideration and resolution.

We request you completely address the items identified, both in the body of the interrogatory, as well as Attachment A, a Technical Memorandum to the interrogatory. This will allow us to proceed expeditiously to the construction permit for the Cell 4A relining project. On April 30, 2007 Messrs. Loren Morton and Dave Rupp met with you at the DRC office in Salt Lake City, and discussed these items.

The four main topics of the interrogatory are:

1. Resolution of the cleanup issues by DMC to demonstrate that the existing subgrade for Cell 4A has radiation and contamination levels that are acceptable. This is currently being addressed under a separate cover.
2. Adjustment of the specifications regarding, a 12-inch minimum thickness of soil cover over bedrock and below the GCL, an 8-inch maximum thickness of loose soil lifts, subgrade compaction and moisture content specifications to be established by soil type, and the designation of all tests in the specifications and CQA Plan to be done “in conformance” with standard specifications.
3. Incorporation of specific listed items into the GCL hydration demonstration project. DUSA is authorized to begin the proposed hydration demonstration project as outlined in a letter from

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GeoSyntec Consultants dated March 27, 2007, in accordance with the following conditions: a.) The project must be continued, i.e. sampling and testing GCL moisture content, until the GCL hydration level is at a minimum of 140% in accordance with ASTM D 5993, and b.) The test pad must be moved away from the toe of the slope and preclude storm water run-on from effecting the test pad.

4. Resolution of specific items listed in regards to the slimes drain and its ability to dewater the tailings in a timely manner. Specifically addressing the potential for clogging the slimes drain during the impoundments operational life is also an important item that must be not be omitted in the design.

Your response will need to include adjusted plans and specifications, to reflect the results of the above. Please contact us if you have any questions.

Sincerely,

Dane L. Finerfrock
Director

DLF:LBM:DAR:dr

cc: Britt Quinby, URS

Attachment

F:/drupp/.../Rnd7TransLtr.doc

File: IUC Cell 4A Relining Project