



Denison Mines (USA) Corp.  
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## VIA PDF AND FEDERAL EXPRESS

February 12, 2010

Mr. Dane Finerfrock, Executive Secretary  
Utah Radiation Control Board  
Utah Department of Environmental Quality  
168 North 1950 West  
P.O. Box 144810  
Salt Lake City, UT 84114-4810

Dear Mr. Finerfrock:

### **Re: White Mesa Uranium Mill – Second Round of Interrogatories From Review of License Amendment Request and Environmental Report For Cell 4B**

Reference is made to Denison Mines (USA) Corp's letter of February 8, 2010, in response to the document entitled *Utah Division of Radiation Control, Denison Mines (USA) Corp, Interrogatories From Review of License Amendment Request and Environmental Report for Cell 4B, Under UAC R313-24 and UAC R317-6, Interrogatories – Round 2*, dated January 28, 2010, prepared by URS Corporation on behalf of the State of Utah Department of Environmental Quality, Division of Radiation Control (the "Interrogatories").

### **Interrogatory R313-24-3-01A/02 – MILDOS Evaluations**

Enclosed please find a report dated February 12, 2008 from SENES Consultants Limited that addresses the following Interrogatories (referred to as R313-24-3-01A/02 and numbered as items 2.1.1 and 2.1.2 in Denison's February 8, 2010 letter):

*2.1.1 Compare the operational doses projected by MILDOS modeling to doses inferred from air monitoring results (operational). Demonstrate that the inferred operational doses corroborate MILDOS results and provide confidence that applicable regulations will be satisfied during operations and following closure, reclamation, and decommissioning.*

*2.1.2 Provide a sensitivity analysis to demonstrate whether reasonable variations in MILDOS input parameters (related to Cell 4B performance) due to uncertainty will change the conclusion of these analyses (i.e., that projected doses are less than regulatory limits).*

Also enclosed are the input/output files for the additional MILDOS run performed by SENES and described in their enclosed report.

**Interrogatory R317-6-6.3-35/02 – Geologic Cross Sections**

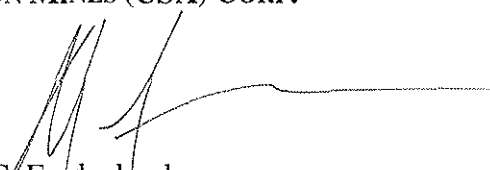
Enclosed please find a report dated February 12, 2008 from Hydro Geo Chem, Inc. that provides geologic cross sections depicting the three-dimensional configuration of the contact between the Brushy Basin and the Burro Canyon formations representing the area beneath and downgradient of the Cell 4B footprint, as contemplated by Denison's response to Interrogatory R317-6-6.3-35/02, numbered as item 2.24 in Denison's February 8, 2010 letter.

If you should have any questions or require additional information, please contact the undersigned.

Yours very truly,

**DENISON MINES (USA) CORP.**

By:

  
David C. Frydenlund  
Vice President, Regulatory Affairs and Counsel

cc: Ron F. Hochstein  
Harold R. Roberts  
David E. Turk  
Douglas B. Chambers, Ph.D, SENES Consultants Limited  
Stewart J. Smith, Hydro Geo Chem, Inc.