

May 27, 2004

Mr. Alan D. Cox, Manager  
Homestake Mining Company  
P.O. Box 98/Highway 605  
Grants, New Mexico 87020

SUBJECT: MAY 17, 2004, MEETING SUMMARY, LICENSE SUA-1471 - DOCKET NO.  
40-8903, HOMESTAKE URANIUM MILL, GRANTS, NEW MEXICO

Dear Mr. Cox:

The purpose of this letter is to transmit the enclosed meeting summary from the meeting between the U.S. Nuclear Regulatory Commission (NRC) staff and Homestake Mining Company on May 17, 2004, in Denver, Colorado. Enclosed are the meeting summary (Enclosure 1), agenda (Enclosure 2), and sign-in sheet (Enclosure 3).

If you have any questions regarding this letter or the NRC staff review, feel free to contact me at (301) 415-6251 or by email at [rwv@nrc.gov](mailto:rwv@nrc.gov).

In accordance with 10 CFR 2.390 of NRC's "Rules of Practice for Domestic Licensing Proceedings and Issuance of Orders," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

**/RAI**

William von Till, Project Manager  
Fuel Cycle Facilities Branch  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 40-8903

Enclosures:

1. Meeting Summary
2. Meeting Agenda
3. Meeting Sign-In Sheet

cc: M. Purcell, USEPA  
D. Mayerson, State of NM  
J. Sanders, State of NM

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DISTRIBUTION (w/ Encl.):

FCLB r/f                      JWhitten, RIV                      Maria Schwartz, OGC

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**ML041530602**

OFC	FCFB		FCFB		FCFB	
NAME	W. vonTill		B. Garrett		B. Nelson	
DATE	5/27/04		5 /27/04		5/27/04	

**OFFICIAL RECORD COPY**

## MEETING SUMMARY

DATE: May 17, 2004

TIME: 1:30 pm

PLACE: Executive Tower Hotel Johann Room, Denver, Colorado

PURPOSE: Update of the CAP for Homestake - Grants

BACKGROUND: Meeting topics centered on an application currently under NRC staff review regarding a proposal to revise background groundwater standards and a future application to revise the groundwater corrective action plan.

ATTENDEES: Refer to Enclosure 3

### DISCUSSION:

This meeting was held at the request of Homestake Mining Company (HMC) to discuss issues related to its request to revise groundwater standards and a future revision of its groundwater corrective action plan. The meeting was open to the public, however, no members of the public attended. The meeting agenda is Enclosure 2 and the meeting sign-in sheet is Enclosure 3.

HMC discussed information related to its application to revise groundwater background standards. The discussion focused on the separate standards for the alluvial, Chinle, and mixing zone aquifer units. HMC discussed whether vanadium, thorium-230, radium, and nitrate should be in the license as site groundwater standards for the parts of the Chinle aquifer unit. HMC may send a separate letter to the NRC discussing this issue. The NRC staff informed HMC that Jeff Sanders was no longer a contact for the New Mexico Environmental Department (NMED) and that a comment letter was sent to the EPA from NMED. Homestake then discussed the development of an updated groundwater corrective action plan which may be submitted to the NRC in the future. HMC and the NRC staff discussed what would be necessary for such an application.

### ACTIONS:

Once the NRC staff obtains the NMED comment letter, staff will send a copy to HMC. HMC may submit a proposal to the NRC regarding site groundwater standards for vanadium, thorium-230, radium, and nitrate as a supplement to the background groundwater application.

Enclosure: The only hand-out was the agenda, refer to Enclosure 2.



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
HEADQUARTERS**

**MEETING ATTENDANCE FORM**

Subject     NRC and Homestake Mining Company    

Date:     May 17, 2004     Location:     Executive Towers, Denver, Colorado    

**PLEASE PRINT ALL INFORMATION LEGIBLY**

<b>NAME (e.g. J.B. Doe)</b>	<b>COMPANY TITLE (V.P. Nuclear Operations)</b>	<b>PHONE NUMBER (Area code) XXX=XXXX</b>
Diana Diaz	NRC	(301) 415-6640
Louis Miller	MFG	(970) 223-9600
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Bill von Till	NRC	(301) 415-6251
Maria E. Schwartz	NRC	(301) 415-1888
Gary Janosko	NRC	(301) 415-7244
Bob Nelson	NRC	(301) 415-7298
Ron Linton	NRC	(301) 415- 7777