

August 4, 2004

Alan D. Cox, Manager  
Grants & Southwest U.S.  
Homestake Mining Company  
P.O. Box 98 / Highway 605  
Grants, NM 87020

SUBJECT: HOMESTAKE MINING COMPANY FINANCIAL SURETY, SOURCE  
MATERIALS LICENSE SUA-1471 - REQUEST FOR ADDITIONAL  
INFORMATION (TAC LU0037)

Dear Mr. Cox:

The staff has reviewed your letter dated March 29, 2004, and has determined that it does not contain enough detailed information for the staff to make a determination that the surety is adequate. Appendix C to NUREG-1620, Rev.1, "Standard Review Plan for the Review of Reclamation Plans for Mill Tailings Sites Under Title II of the Uranium Mill Tailings Radiation Control Act of 1978," identifies the information that should be provided for surety cost estimates. It states that information including quantities, unit costs, estimates and assumptions should be included for the surety updating process. Although unit cost estimates have been provided, the basis for these estimates was not included. Therefore, we request the following additional information:

1. Provide the basis for unit cost estimates. For example, provide specifics for the unit cost of "new tailings well" (page 1 of 4, Unit Costs Section).
2. Provide specifications of collection wellheads, valves, meters, and pumps.
3. If third party estimates have been used as a basis, please provide a copy of the cost estimates.
4. Provide information about the site regarding quantities of items to reclaim. Topographic maps can be used to delineate areas to be reclaimed and to identify special features (wells, etc.).

Please submit your revised estimate within 30 days of the date of this letter or provide an alternate schedule for doing so. With this letter we have closed our tracking number TAC LU0037 and will open a new one when we receive your response. If you have any questions regarding this letter, please contact me at (301) 415-6251 or by e-mail to [RWV@nrc.gov](mailto:RWV@nrc.gov).

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," 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,

**/RA/**

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

Docket No. 40-8903  
License No. SUA-1471

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

A. Cox

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Sincerely,

**/RA/**

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

Docket No. 40-8903  
License No. SUA-1471

**CLOSES TAC LU0037**

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