



**Homestake Mining Company of California**

**Alan D. Cox**  
*Project Manager – Grants*

24 March 2010

Mr. John Buckley  
c/o Document Control Desk  
Fuel Cycle Facilities Branch (Mailstop T8-A33)  
Division of Fuel Cycle Safety and Safeguards  
Office of Nuclear Materials Safety and Safeguards  
U. S. Nuclear Regulatory Commission  
11545 Rockville Pike  
Two White Flint North  
Rockville, MD 20852-2738

Re: Docket No. 40-8903  
License No. SUA-1471  
2009 Annual Irrigation Evaluation

Dear Mr. Buckley:

Attached are two copies of Homestake's 2009 Annual Irrigation Evaluation report for the Grants Reclamation Project. This document has also been transmitted to the New Mexico Environment Department (NMED). Also enclosed is a pdf version of the report with links between text, figures and tables.

This report contains the additional evaluation items outlined in Homestake's "Grants Reclamation Project Additional Evaluation of the Section 28, 33 and 34 Irrigation Program, September 2009".

Thank you for your time and attention on this matter. If you have any questions or require additional information, please contact me at the Grants office (505) 287-4456, ext. 25 or via cell phone at (505) 400-2794.

Sincerely,

*for* HOMESTAKE MINING COMPANY OF CALIFORNIA  
Alan D. Cox

Enclosures (2)

XC: Mr. R. Chase, Barrick - SLC, (cd only)  
Mr. B. Ferdinand, Barrick - SLC, (cd only)  
Mr. G. Hoffman, Hydro-Engineering - Casper, (cd only)  
Mr. S. Appaji, Region VI EPA - Dallas, (cd only)  
Mr. B. Spitzberg, Chief, Decommissioning Branch, (cd only)  
Mr. D. Hicks, DOE - Denver (cd only)  
Mr. J. Schoeppner, NMED - Santa Fe (encl. - 2 copies)  
Grants Superfund Regulatory (cd only)