



Grants Office

Alan D. Cox
Project Manager

31 March 2010

Via UPS Overnight

Mr. John Buckley, Site Manager
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: **Grants Reclamation Project**
Docket No. 40-8903
License No. SUA-1471
2009 Annual Groundwater Monitoring Performance Review Report

Dear Mr. Buckley:

Pursuant to NRC License SUA-1 471, Docket 40-8903, License Condition 35(E), Homestake Mining Company of California (HMC) hereby submits two (2) copies of our 2009 Annual Monitoring Report / Performance Review for the Grants Reclamation Project. This report is an updated performance review of the groundwater corrective action program for the Grants site. Included in each report copy is a CD containing an electronic PDF file version of the report.

HMC noted in the past that monitoring conditions on the site are subject to change and may require periodic judgment decisions relative to the ability to supply certain data to meet the Table 2 - Groundwater Monitoring Program (8-99) requirements, as modified by NRC License provisions. With respect to the well monitoring requirements outlined in Table 2, monitoring well 446 and 492 were not sampled in 2009 as the wells are either obstructed or supply inadequate water for sampling. We are recommending, via the pending Corrective Action Plan review, that these wells be replaced by an alternate well for monitoring in this area.

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

Sincerely yours,

**HOMESTAKE MINING COMPANY
OF CALIFORNIA**

Alan D. Cox

Enclosures (2 copies 2008 Annual Performance Review report)

xc: B. Spitzberg, NRC Arlington, TX (w/encl.)
J. Schoeppner, NMED (encl. - 2 copies)
S. Appaji, Region VI EPA, (w/encl.)
D. Hicks, DOE Denver (w/encl.)
Grants Superfund Repository (CD only)

R. Chase, SLC, (electronic copy.)
T. Grandy, SLC (electronic copy)
B. Ferdinand, SLC, (electronic copy)
G. Hoffman, Casper (w/o encl)