



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

February 3, 2020

David Pierce
Closure Manager
Grants Reclamation Project
Homestake Mining Co. of CA
P.O. Box 98/Highway 605
Grants, NM 87020

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION REVIEW OF ZEOLITE
WATER TREATMENT SYSTEM LICENSE AMENDMENT REQUEST,
HOMESTAKE MINING COMPANY OF CALIFORNIA, GRANTS
RECLAMATION PROJECT, AMENDMENT 55 TO MATERIALS LICENSE
SUA-1471, EA-16-114, DOCKET NUMBER 040-08903

Dear Mr. Pierce:

Enclosed, please find Amendment 55 to Materials License SUA-1471 and supporting Safety Evaluation Report approving the Homestake Mining Company of California (HMC) Zeolite Water Treatment System license amendment request for the Grants Reclamation Project (Grants) site in Grants, NM. This amendment revises license condition 35.

By letter dated December 11, 2017,¹ HMC submitted a license amendment request to the U.S. Nuclear Regulatory Commission (NRC) staff for review and approval. HMC supplemented the application by letter dated February 22, 2018.² Specifically, HMC proposed the use of a zeolite water treatment system as an additional method to remediate groundwater at the Grants site and amend to Materials License SUA-1471, license condition 35, to include the zeolite system. The NRC staff published a notice and opportunity to request a hearing and petition for leave to intervene in the *Federal Register* on August 9, 2018.³ No hearing requests were received. On January 24, 2019,⁴ the NRC staff requested additional information related to the review. On May 17, 2019,⁵ HMC responded to the request for additional information.

The NRC staff has completed its review of the proposed license amendment request and supplemental information and found it acceptable for approval. The NRC staff published an environmental assessment related to this review⁶ and a Finding of No Significant Impact in the

¹ Agencywide Documents and Management System (ADAMS) Package Accession No. ML17361A006.

² ADAMS Accession No. ML18066A583.

³ 83 FR 39470.

⁴ ADAMS Accession No. ML18218A560.

⁵ ADAMS Accession No. ML19149A366.

⁶ ADAMS Accession No. ML19263C623.

Federal Register.⁷ HMC agreed to these changes to Material License SUA-1471, condition 35, in correspondence dated January 28 and 30, 2020.⁸

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

If you have any questions regarding this letter or the enclosures, please contact Mr. Ron C. Linton at (301) 415-7777 or by e-mail to Ron.Linton@nrc.gov.

Sincerely,

/RA/

Bill Von Till, Chief
Uranium Recovery and Materials
Decommissioning Branch
Division of Decommissioning, Uranium Recovery
and Waste Programs
Office of Nuclear Materials Safety
and Safeguards

Docket No.: 04008903
License No.: SUA-1471

Enclosures:

1. Safety Evaluation Report
2. License Amendment No. 55

cc: K. Vollbrecht (NMED) (via ListServ)
C. Burrus (OSE) (via ListServ)
M. Purcell (EPA) (via ListServ)
B. Tsosie (DOE) (via ListServ)

⁷ 84 FR 67480, ADAMS Accession No. ML19263B857.

⁸ ADAMS Package Accession No. ML20031D507.

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION REVIEW OF ZEOLITE
WATER TREATMENT SYSTEM LICENSE AMENDMENT REQUEST,
HOMESTAKE MINING COMPANY OF CALIFORNIA, GRANTS
RECLAMATION PROJECT, AMENDMENT 55 TO MATERIALS LICENSE
SUA-1471, EA-16-114, DOCKET NUMBER 040-08903
DATE: February 3, 2020

DISTRIBUTION: REvans, RIV HGepford, RIV MPoston, RIV
BPham, DUWP MBurgess (NMSS) SWoods, OE
Homestake Listserv

ADAMS Accession No. Package ML19323D121***via email**

Office	DUWP	DUWP	DUWP
Name	RLinton *	GAlexander *	BNelson *
Date	11/21/19	11/21/19	11/21/19
Office	DUWP	OGC*	DUWP
Name	CHolston *	Ilrvin *	BvonTill
Date	11/26/19	12/16/19	2/3/2020

OFFICIAL RECORD COPY