



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV
URANIUM RECOVERY FIELD OFFICE
BOX 25325
DENVER, COLORADO 80225

FEB 14 1994

Docket No. 40-8903
SUA-1471, Amendment No. 18

Homestake Mining Company
ATTN: Harold Barnes
650 California Street
San Francisco, California 94108-2788

Dear Mr. Barnes:

Pursuant to Title 10, Code of Federal Regulations, Part 40, and in accordance with your letter dated January 11, 1994, Source Material License SUA-1471 is hereby amended to authorize the use of water collected as part of the ground-water corrective action program for conditioning soils to be used for interim cover or the radon barrier by adding Condition No. 38 to read as follows:

38. The licensee is authorized to use water collected as part of the site ground-water corrective action program for conditioning soils during placement of the interim cover or the radon barrier on the tailings impoundments. The licensee shall also analyze samples of the collection water being used for this purpose for radium-226 and 228 content semiannually. If sample results exceed 30 pCi/l combined radium, the licensee shall perform an evaluation of the potential impacts of using this water on the required design of the radon barrier and submit the evaluation for NRC review within 30 days of receipt of sample results.
[Applicable Amendments: 18]

All other conditions of this license shall remain the same. The license is being reissued to incorporate the above revision.

An environmental assessment for this action is not required since this action is categorically excluded under 10 CFR 51.22(c)(11), and an environmental report from the licensee is not required by 10 CFR 51.60(b)(2).

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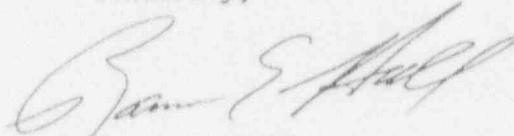
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Homestake Mining Company

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The issuance of this amendment was discussed via telecon between Mr. Fred Craft of Homestake and Mr. Pete Garcia of my staff on February 4, 1994.

Sincerely,

A handwritten signature in cursive script, appearing to read "Ramon E. Hall".

Ramon E. Hall
Director

Enclosure:
Source Material License SUA-1471

cc:
F. Craft, HMC
B. Garcia, RCPD, NM
E. Montoya, NMED