

MAY 15 1964

DRL:DPH
40-1376
SUA-712, Amendment No. 2

A-Z Minerals Corporation
P. O. Box 597
Salt Lake City, Utah

Attention: Mr. R. F. Hollis
Vice President

Gentlemen:

This refers to your letters dated April 20, and April 23, 1964.

Pursuant to your request of April 20, 1964, Condition Nos. 8 and 12 of AEC Source Material License No. SUA-712 are hereby amended to include the date of April 20, 1964, and Condition No. 12(B) is hereby amended as follows:

"12. B. The neutralized raffinate effluent stream at the point of release to unrestricted areas shall be substantially free of radioactive materials contained in suspended solids. The stream shall be sampled continuously or semi-continuously at the point of release to the San Juan River at no greater than hourly intervals and analyzed for radium-226, thorium-230 and natural uranium. Sample sizes shall be proportional to the effluent flow rate and shall not be composited for purposes of analysis over periods greater than one month."

Based on the foregoing, your liquid effluent authorization now applies only to the neutralized raffinate stream. The present amendments are based on the data in your letter of April 20, 1964, which indicates that you are within Part 20 limits with regard to the tailings pond seepage stream. However, the above amendments do require sampling of the tailings pond seepage stream in accordance with the procedures described in your letter of April 20, 1964.

9808310183 640515
PDR ADOCK 040*****
C PDR

OFFICE ►

SURNAME ►

DATE ►

MAY 15 1964

In addition, pursuant to your request dated April 23, 1964, ABC Source Material License No. SUA-712, is hereby amended to delete the Condition added to the license in our letter of April 7, 1964, and is hereby amended to add Condition No. 13 as follows:

"13. For the purpose of complying with Section 20.103(b), 10 CFR 20, the limits given in Appendix B, Table I, of this Part may be deemed to apply to exposures to concentrations specified for 160 hours in any period of 28 consecutive days. In any such period where the number of hours of exposure is less than 160 hours, the limits specified in the Table may be increased proportionately. In any such period where the number of hours is greater than 160 hours, the limits specified in the Table shall be decreased proportionately."

FOR THE ATOMIC ENERGY COMMISSION

Donald A. Nussbaumer, Chief
Source and Special Nuclear Materials Branch
Division of Materials Licensing

DISTRIBUTION:

Doc. Rm.
Br. & Div. rfs
Compliance
Suppl.
N. Doulos, ML (3)
Van Blarcom, (2)
State Health
~~Kingman, ML~~
D. Harmon, ML

OFFICE ▶	ML	ML				
SURNAME ▶	D. HARMON /jc	D. Nussbaumer				
DATE ▶	5/14/64	5/14/64				