

DISTRIBUTION:

Docket File 40-3453

PDR

NRC Region IV

WMUR r/f

WMUR w/f

AEOD

WM r/f

SHO

NMSS r/f

MAuerbach

PJGarcia

ACabell

BPFisher

JRobertson

HJPettengill

DWeiss

JJLinehan

DEMartin

RDSmith

REBrowning

JBMartin

Atlas Minerals
04003453022S

SEP 3 1982

- 1 -

WMUR:PJG
Docket No. 40-3453
04003453022S
SUA-917, Amendment No. 9Atlas Minerals
Post Office Box 1207
Moab, UT 84532

Gentlemen:

Pursuant to Title 10, Code of Federal Regulations, Part 40, Source Material License SUA-917 is hereby amended by revising Condition No. 16 to read as follows:

16. The licensee shall, by November 1, 1982, submit for NRC review and approval in the form of a license amendment detailed engineering plans and drawings for interim operation phase modifications of Moab Wash between cross-sections A and PT-4 as shown on Exhibit H of the licensee's submittal dated October 3, 1978. These modifications shall be as follows:

- a) The barium chloride (BaCl) ponds located at the toe of the embankment shall be backfilled.
- b) The right bank (looking downstream) of Moab Wash in the vicinity of Section A and the upstream end of the BaCl ponds shall be regraded to exhibit smooth hydraulic characteristics (i.e., the right bank of the channel shall be graded to form a continuous even surface with no depressions, pockets, debris or uneven slopes present to produce undesirable local flow turbulence during an occurrence of a PMF).
- c) The left bank (looking downstream) of Moab Wash shall be regraded as follows: a) from Section A to 300 feet downstream of Section A, the left bank shall be at a lower elevation than the right bank; b) from 300 feet downstream of Section A to Section PT-4, the left bank shall be three feet lower than the right bank.

The NRC approved modifications to Moab Wash shall be completed by June 1, 1983.

8209140385 820903
PDR ADOCK 04003453
C PDR

OFFICIAL DOCKET COPY

20301

SEP 3 1982

In addition, the licensee shall, by June 1, 1983, submit for NRC review and approval in the form of a license amendment a proposed plan for the final reclamation phase modifications to Moab Wash which implements one of the following options:

- (a) The licensee shall provide detailed plans for the installation of riprap protection as specified in the submittal of December 3, 1979, including a toe which meets the criteria specified in the December 3, 1979 submittal.
- (b) The licensee shall provide detailed plans for the relocation of Moab Wash. These plans shall be accompanied by an analysis which shows that erosion resulting in the release of tailings will not occur over the long term.

All other conditions of this license shall remain the same.

The effect of this amendment is to require (1) interim stabilization of Moab Wash and (2) the submittal of a program for long term reclamation of Moab Wash, both by June 1, 1983. The issuance of this amendment was discussed via telecon between your Mr. Blubaugh and Ted Johnson of my staff on June 25, 1982.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by

H. J. Pettengill
R. Dale Smith, Chief for
Uranium Recovery Licensing Branch
Division of Waste Management

Case Completed: 04003453022S

40-3453/pjg/82/07/01/0

OFC	: WMUR	<i>PJG</i>	: WMUR	<i>BF</i>	: WMUR	<i>WMS</i>	: WMUR	<i>BS</i>	:	:
NAME	: PJGarcia:mb	:	BPFisher	:	HJPettengill	:	RDSmith	:	:	:
DATE	: 8/31/82	:	8/31/82	:	9/01/82	:	9/01/82	:	:	: