

DOCKET NO. 40-3453

Atlas Minerals  
Division of Atlas Corporation

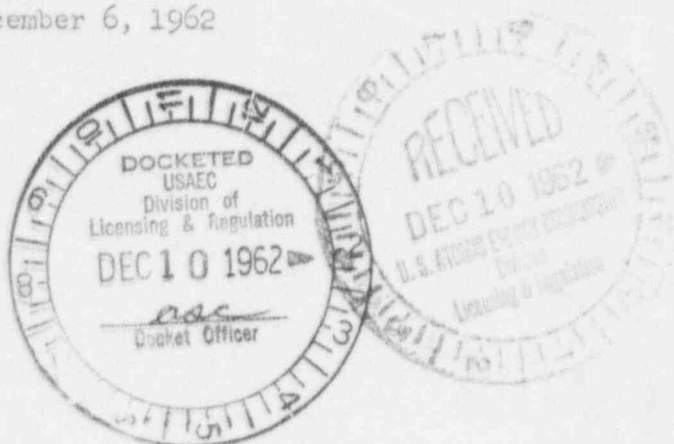
P. O. Box 488

Moab, Utah

December 6, 1962

L&R File Copy

R. F. HOLLIS  
VICE PRESIDENT - MILLING



Mr. E. R. Price, Acting Director  
Division of Licensing and Regulation  
United States Atomic Energy Commission  
Washington 25, D. C.

Dear Sir:

Please refer to your letter dated November 23, 1962, Docket No. DLR:DFH 40-3453, which amends our Source Material License No. R-161.

So that we may comply with the conditions of this amendment, clarification of certain provisions is requested.

Condition 1. As we interpret this condition, the sum of the ratios of radium-226, thorium-230, and natural uranium to their respective concentration limits shall not exceed 25, providing the effluent flow rate is less than 1500 gpm. The concentrations of radio nuclides and the effluent flowrate are both to be averaged over a one year period. If the average flowrate is 1500 gpm for one year the limit becomes 5, and decreases in proportion to the flowrate in excess of 1500 gpm. Please correct us if this interpretation is contrary to the intent of the provision.

Condition 2. This condition states that the effluent sample size shall be proportional to the effluent flowrate. Will we be in compliance if we sample in the following manner? Our effluent stream will be sampled continuously at the rate of 12 - 18 liters per 24 hours and the flowrate of effluent to the river recorded daily. The effluent sample will be collected daily and an aliquot proportional to each day's flowrate obtained. These daily proportional aliquots will then be composited for one month.

Condition 4. Since we are not presently equipped to measure the Colorado River flowrate, will it be acceptable to use flowrates compiled by the United States Department of the Interior at their measuring station near Cisco, Utah. This station is located downstream from the confluence of the Dolores and Colorado Rivers. Since no major tributary streams empty into the Colorado below this point and no water is diverted from the river, these figures will represent the flow past the Moab mill.

Any amplification you care to make to these provisions will be appreciated.

Very truly yours,

*R. F. Hollis*

R. F. Hollis  
Vice President

ACKNOWLEDGED  
11098

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Compliance  
10/11/62

RFH/bj

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PDR ADOCK 04003453  
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FROM: Atlas Minerals  
Kear, Utah

DATE OF DOCUMENT  
12-6-62

DATE RECEIVED  
12-10-62

NO.: 11090

TO: E. Price  
MAR

LTR. MEMO: REPORT: OTHER:

X

ORIG.: CC: OTHER: 2 cys. veri.

ACTION NECESSARY ☐ CONCURRENCE ☐ DATE ANSWERED:

NO ACTION NECESSARY ☐ C. ENT ☐ BY:

CLASSIF.: U POST OFFICE  
REG. NO: 546

FILE CODE: ~~100-3453~~ 10-3453

DESCRIPTION: (Must Be Unclassified)  
ltr. ref. our 11-23-62 ltr. and req.  
classification to certain provisions  
of their lic. R-161.

REFERRED TO DATE RECEIVED BY DATE

Handwritten: 12-10-62

w/file cy. & folder  
1-compliance cy.

ENCLOSURES:

REMARKS: Mail Room Distribution:  
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ACKNOWLEDGED