

Atlas Minerals
 Division of Atlas Corporation
 P. O. Box 488
 Moab, Utah
 84532

Regulatory

File Cy.

January 17, 1974



Mr. LeRoy Person
 Environmental Report Manager
 US AEC
 Washington, D.C.

Dear Mr. Person:

Enclosed with this letter please find a plot of the Moab mill showing the location of the various effluent sources which report to our tailing pond. These sources are as described in section 3 of our environmental report.

Also described in section 3 of our environmental report you will find the stack emission data gathered by us and by outside consultants. These data are found specifically on pages 34, 35, 36 and 40 of section 3. We have no additional data to add.

In reference to the decline in airborne radiation in our unrestricted area sampling program, I have tabulated the quantity and grade of ore stockpiled at our mill for the years 1968 - 1972. The ore tonnage indicated is the average of month ending inventories for the year.

<u>Year</u>	<u>Tons</u>	<u>% U₃O₈</u>
1968	74,074	.342
1969	109,002	.243
1970	77,998	.205
1971	74,294	.196
1972	107,228	.198

As you can see the inventory did not decline. However, the grade of ore stockpiled did decline a great deal.

According to the AEC's Environmental Survey of the Nuclear Fuel Cycle, 1972: "the amount of dusting from these sources (stockpiles and tailing dumps), which are normally kept wetted down, is considered to be negligible in comparison to the process dust." Thus it would seem that the stockpiled ore quantity is not a contributing factor to the decline in airborne radiation.

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In my opinion the lower grade of ore in recent years could be a factor, however a more significant factor is the growing environmental awareness of everyone in the milling operation which has resulted in increased effort towards control of process dust problems.

Yours very truly,

A handwritten signature in cursive script, reading "Gary Boyer". The signature is fluid and extends to the right.

Gary Boyer
Plant Metallurgist

GB:dw

copy: Bill Badger

FROM:		DATE OF DOCUMENT:		DATE RECEIVED		NO.:	
Atlas Minerals Moab, UT		Jan. 17, 1974				0464	
TO:		LTR. <input checked="" type="checkbox"/>		MEMO: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	
LaRoy Person		ORIG.: <input type="checkbox"/>		CC: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	
CLASSIF: U		POST OFFICE		ACTION NECESSARY <input type="checkbox"/>		CONCURRENCE <input type="checkbox"/>	
REG. NO:		FILE CODE:		NO ACTION NECESSARY <input type="checkbox"/>		COMMENT <input type="checkbox"/>	
DESCRIPTION: (Must Be Unclassified)		Docket No. 40-3453		DATE ANSWERED:		BY:	
Ltr. showing various locations NEAR MIX of the Moab Mill		REFERRED TO		DATE		RECEIVED BY	
ENCLOSURES:		Chitwood		3-11			
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