

46-3453



Regulatory

File Cy.

**Atlas Minerals**  
Division of Atlas Corporation  
P. O. Box ~~XXX~~ 1207  
Moab, Utah  
84532



January 14, 1974

Mr. Jack Rothflesh  
Fuel Fabrication and Reprocessing Branch  
Directorate of Licensing  
U.S. Atomic Energy Commission  
Washington, D.C. 20545

Dear Mr. Rothflesh:

Enclosed with this letter you will find a plan of the existing Moab mill with future additions for our new acid-filtration circuit sketched in. I have prepared the sketch to show our plans for the general radiation control program with the new circuit in operation.

At this point, I see no reason for an extensive modification of our existing radiation program as our people will be working in the same areas and doing the same jobs that they now do, with a few exceptions. I have taken care of these exceptions by adding appropriate sampling points in the areas of new activity.

On the mill plan you will find a group of circled numbers from 1 through 25. These are our general air sampling points. Numbers 1 to 20 are existing and numbers 21 through 25 will be added to cover the areas of new activity. Also, on the plan you will find a number of sampling points indicated by a circled letter "B". These are points of very low airborne radiation levels that we sample periodically to determine a background level for the normally higher general air points. We plan to conduct the background survey once each year. The general air samples are taken on a monthly basis.

In addition to the above, we will add a routine breathing zone sample for any new jobs created. From here it appears that a solvent extraction operator will be the only additional man needed.

For your information, I have listed on a separate sheet the names of the general air sample locations and the routine breathing zone job titles.

Yours very truly,

*Gary Boyer*

Gary Boyer  
Plant Metallurgist

GB:sh

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GENERAL AIR SAMPLES

1. First Floor St
2. Second Floor St
3. Fourth Floor St
4. #1 Belt Ramp
5. Crusher Mcc Deck
6. Crusher Doghouse
7. Ballmill Doghouse
8. Ballmill Op. Deck
9. Ballmill Regrind Mill
10. Ballmill Gallery
11. Leach Doghouse
12. B. Rip Bank
13. B. Rip Doghouse
14. V<sub>2</sub>O<sub>5</sub> Drum Filter
15. A - Precipitation
16. Hearth Doghouse
17. Hearth Top Deck
18. Hearth Middle Deck
19. U<sub>3</sub>O<sub>8</sub> Packaging
20. V<sub>2</sub>O<sub>5</sub> Packaging
21. V<sub>2</sub>O<sub>5</sub> Dryer
22. Drum Filters
23. SX
24. SX Doghouse
25. Acid Thickeners

RBZ SAMPLES

1. Crusher
2. Sample Tower
3. Ball Mill
4. Precip. Rip
5. Packaging
6. SX

FROM:		DATE OF DOCUMENT:	DATE RECEIVED	NO.:
Atlas Minerals P.O. Box 1207 Moab, UT 84532		Jan. 14, 1974	Jan. 16, 1974	0097
Jack Rathflesh		MEMO:	REPORT:	OTHER:
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DESCRIPTION: (Must Be Unclassified)		FILE CODE:		
Ltr. trans: plan of the existing Moab mill with future additions for their new acid filtration circuit sketched in .....		Docket No. 80- 3453		
ENCLOSURES:		REFERRED TO	DATE	RECEIVED BY
Diagram		Rouse	1-21	
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REMARKS:				
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U.S. ATOMIC ENERGY COMMISSION

MAIL CONTROL FORM FORM AEC-5265 (5-60)