

40-3453

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

March 21, 1974



United States Atomic Energy Commission  
Washington, D. C. 20545

Attn: Mr. LeRoy Person  
Technical Support Branch  
Directorate of Licensing

Dear Mr. Person:

In response to your request for the results of our Mill Radon Survey, I am listing the individual determinations which were summarized in our environmental report.

The Mill Radon Survey was made on a normal operating day with the plant processing 33 TPH of ore. Radon sampling was done by the Kusnetz method and the results expressed in working levels (WL).

The locations and determinations are as listed below.

<u>Location</u>	<u>W.L.</u>
1. Sample Tower First Floor	Not Detectable
2. Sample Tower Second Floor	Not Detectable
3. Sample Tower Fourth Floor	Not Detectable
4. Crusher #1 Belt Ramp	Not Detectable
5. Crusher Motor Control Center	Not Detectable
6. Crusher Operating Center	Not Detectable
7. Ball Mill Operating Center	Not Detectable
8. Ball Mill Main Deck	0.01
9. Ball Mill Regrind Deck	Not Detectable
10. Ball Mill Gallery	0.06
11. Leach Operating Center	0.01
12. Resin in Pulp Banks	Not Detectable
13. Resin in Pulp Operating Center	0.01
14. Vanadium Product Filter	Not Detectable
15. Precipitation Deck	Not Detectable
16. Uranium Dryer Operating Center	Not Detectable
17. Uranium Dryer Top Deck	0.01
18. Uranium Dryer Middle Deck	Not Detectable
19. Uranium Packaging Area	Not Detectable
20. Vanadium Packaging Area	Not Detectable



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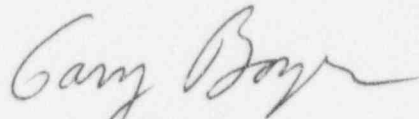
In addition to the Mill Radon Survey, we also conducted a survey of the tails pond area. However, initial sampling with the short (5 min) Kusnetz sampling method gave no indication of any radon in the area. We decided to take a 1 hour sample to get a large enough sample to give some indication of the radon present. This must introduce a rather large error since the method assumes that the sample is an instantaneous grab.

The locations and determinations are as listed below.

<u>Location</u>	<u>W.L.</u>
West Side of Pond - Inside Dike	.005
West Side of Pond - Outside Dike	.003
East Side of Pond - Inside Dike	.006
East Side of Pond - Outside Dike	.002
North Side of Pond - Inside Dike	.001
North Side of Pond - Outside Dike	.003
South Side of Pond - Inside Dike	.004
South Side of Pond - Outside Dike	.003

Should you desire any further information, please call me.

Yours very truly,



Gary Boyer  
Plant Metallurgist

GB:dw

FROM:

Atlas Minerals  
Moab, Utah

TO:

LeRoy Person

CLASSIF:

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POST OFFICE

REG. NO:

DESCRIPTION: (Must Be Unclassified)

Ltr. responds to request for the  
results of the Mill Radon Survey...  
which were summarized in the  
environmental report.....

ENCLOSURES:

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REMARKS:

DATE OF DOCUMENT:

March 21, 1974

DATE RECEIVED

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ACTION NECESSARY

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CONCURRENCE

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DATE ANSWERED:

NO ACTION NECESSARY

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COMMENT

☐

BY:

FILE CODE:

Docket No. 40-3453

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DATE

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