

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

R. F. HOLLIS
PRESIDENT

December 16, 1966

Mr. Donald I. Walker
United States Atomic Energy Commission
Division of Compliance, Region IV
10395 West Colfax - Room 200
Denver, Colorado 80215

Re: License No. R-161 Docket
No. 40-3453

Dear Mr. Walker:

This letter is submitted in accordance with your letter of December 2, 1966, and advises of steps taken by Atlas Minerals to supply more complete information for AEC regulations 10 CFR 20.106(a), "Concentrations in effluents to unrestricted areas," and 10 CFR 20.201(b), "Surveys."

In the way of background to the problem, the air samples as formerly taken in the unrestricted areas around the Moab mill were made at random, and as a result Atlas Minerals felt that sufficient data and control resulted. However, we agree that the recording of existing weather conditions when sampling air in unrestricted areas establishes more complete data and have taken the necessary steps to get these data.

Since Mr. Smith's inspection of November 9 and 10, at the Moab mill, the Dwyer wind meter discussed with him has been located. This instrument measures wind velocity in the range of two to sixty miles per hour. Atlas has a Taylor sling psychrometer and a portable weather vane has been designed and built to determine wind direction at sample locations. As shown in the enclosed photograph, this device includes a magnetic compass to orient the vane in the field. These or other satisfactory instruments will be used to determine per cent humidity, wind velocity and direction at the point of each unrestricted air sample taken. The unrestricted air survey forms have been modified to include weather information. A copy of the modified form is enclosed.

Atlas Minerals believes that the incorporation of the data above into all future unrestricted area air surveys will meet all of the requirements of 10 CFR 20.106(a) and 10 CFR 20.201(b).

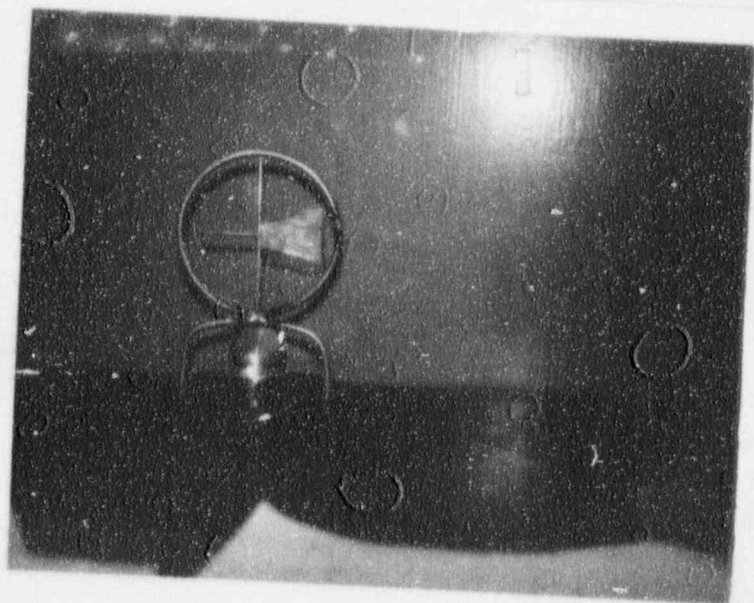
Yours very truly,

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R. F. Hollis
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REGION IV



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