



KERR-McGEE CORPORATION

KERR-McGEE BUILDING • OKLAHOMA CITY, OKLAHOMA 73102

A. T. F. SEALE
SENIOR VICE PRESIDENT

March 29, 1971

United States Atomic Energy Commission
Division of Compliance, Region IV
10395 West Colfax, Room 200
Denver, Colorado 80215

Attention: Mr. John W. Flora, Director

Dear Sir:

The purpose of this letter is to advise you of the corrective steps which have been taken regarding Item 5 of Form AEC-592 attached to your letter dated March 16, 1971.

On March 1, 1971, a program was begun in which radiation safety surveys are conducted to determine employee exposure to concentrations of airborne radioactive materials while performing maintenance operations in the yellow-cake precipitation, filtration, drying and packaging areas of the mill, as well as cleaning and maintenance operations in the ore crushing, sampling and fine ore storage areas of the mill.

The survey program is conducted by collecting breathing zone samples while the employees are performing the operations mentioned above. The breathing zone sample is collected on a Whatman #41 filter with a low volume air sampler. The filter is given a mixed acid digestion and a fluorimetric determination of uranium is performed. From this determination, the concentration of airborne radioactive material to which the employee was exposed is calculated. The surveys will be conducted in areas where exposure to significant or potentially significant concentrations of airborne radioactive material is likely to occur.

Very truly yours,

cc: Mr. Billy Stevens
Mr. Howard Eberline

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