

KERR-McGEE OIL INDUSTRIES, INC.

Kerr-McGee Building • Oklahoma City 2, Oklahoma

July 27, 1964

Mr. Donald A. Nussbaumer, Chief
Source and Special Nuclear Materials Branch
Division of Licensing and Regulation
United States Atomic Energy Commission
Washington 25, D. C.



Dear Sir:

Docket 40-6175

In my letter to you of June 3, 1964 I described the radioactivity situation at our premises covered by License SUB-143 near Golden, Colorado.

Through an oversight, personnel assigned to the inspection of these premises failed to inspect one room adjacent to the old pilot plant. The concrete floor of this room proved to be above tolerance levels. Upon being advised of this situation we took the following corrective steps:

1. The area in question was carefully swept with a broom and hosed with water.
2. It was then scrubbed with nitric acid and again hosed.
3. A 3-5/8 inch high form was then built around the entire surface of the old floor. Seven yards of concrete were poured on top of the old floor.

This treatment appears to have corrected the condition. We have asked Hazen Research of Golden, Colorado to survey the area. Their report on this survey is attached to this letter.

It is our understanding that your people have inspected the premises after the work was completed. We regret the delay in this project caused by our oversight. We believe we have corrected the remaining unsatisfactory condition and we hope that the process of terminating License SUB-143 can proceed.

Very truly yours,

KERR-McGEE OIL INDUSTRIES, INC.

V. L. Mattson
V. L. Mattson, Vice President
Research and Development

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Attachment

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Kerr-McGee Oil Industries
5950 McIntyre Road
Golden, Colorado

Survey for Alpha Contamination in Shed Structure
Attached to Pilot Plant Building

Date: July 23, 1964

Time: 2:00 P.M.

Instrument:

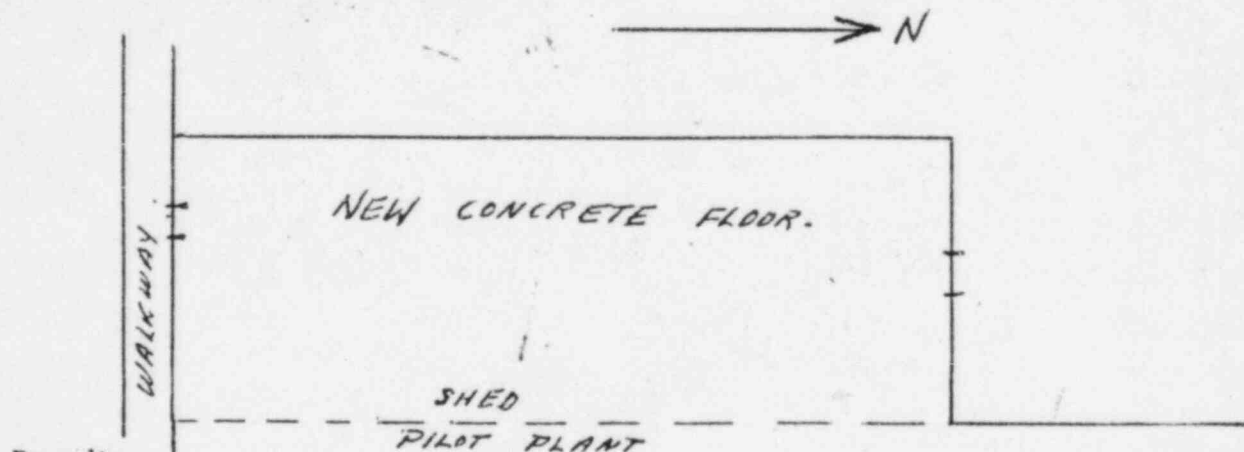
Eberline Instrument Company
Air Proportional Alpha Counter
Model PAC-1A
Calibration - Pu 239 Standard 6300 c/m

Monitor: Wayne C. Hazen

Method:

Probe set on floor at 100 spots spaced over entire floor area.

Wall monitored by holding probe at 50 spots around edge at floor and up to 6 foot level.



Result:

No alpha reading over 100 c/m found at any point in entire shed.

