

DOCKET



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KERR-McGEE OIL INDUSTRIES, INC.

Kerr-McGee Building • Oklahoma City 2, Oklahoma

L&R File COPY

September 6, 1962



Mr. Lyall Johnson
Division of Licensing and Regulation
United States Atomic Energy Commission
Washington 25, D. C.

Dear Mr. Johnson:

Kerr-McGee Oil Industries, Inc. recently forwarded a request for a source material license in connection with the work being performed by the Department acquired from Spencer Chemical Company. It is anticipated that in the very near future we will also be forwarding a request for a special nuclear material license involved in the same area of work.

It would be appreciated if you would mark your records to indicate that all communications concerning these licenses should be directed to Kerr-McGee as follows:

Mr. Harold Lambertus, General Manager
Nuclear Products Department
Kerr-McGee Oil Industries, Inc.
Kerr-McGee Building
Oklahoma City 2, Oklahoma

Yours very truly,

KERR-McGEE OIL INDUSTRIES, INC.

George H. Coob
George H. Coob
Vice-President, Minerals

GHC:HL:go



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DOCKET NO. 70-146

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Spencer Chemical Company

Research Center
9009 WEST 67th STREET
Merriam, Kansas

November 20, 1962

Mr. Lyall Johnson
Assistant Director for Materials Licensing
Division of Licensing and Regulation
U. S. Atomic Energy Commission
Washington 25, D.C.

Dear Mr. Johnson:

This is in reply to your letter dated October 26, 1962, referring to our Special Nuclear Material License SNM-154 and our letters of August 3 and September 20, 1961.

The last shipment of enriched uranium held under SNM-154 was made to Station CCC on May 12, 1961. Our Material Status Report (AEC-578) for the period ending June 30, 1962, reported that Spencer had no special nuclear material on hand, and none has been received since that time.

Since we have discontinued all activities with special nuclear material and dismantled processing equipment, there is no need to keep SNM-154 active. Please advise if we need to take further action to terminate SNM-154.

Very truly yours,

N.A. Greenlee

N. A. Greenlee

NAG:fg



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PDR*

IR:JLL
70-153 and 70-240

DEC 18 1962

Francis Chemical Company
Research Center
9609 West 67th Street
Berrian, Kansas

Attention: Mr. N. A. Greenlee

Gentlemen:

This refers to your letter of November 20, 1962, informing us of your action to terminate License 224-154.

At least fifteen days prior to vacating this facility, or using it for any purpose other than authorized under your license you are requested to submit to us a report indicating the levels of fixed and removable uranium contamination existing in the facilities. We believe the following levels should not be exceeded:

1. For alpha radioactivity
 - a. 25,000 d/100cm² peak
 - b. 5,000 d/100cm² average
 - c. 1,000 d/100cm² maximum removal by wiping the area with a dry filter or soft absorbent paper.
2. Beta and gamma
 - a. 1.0 millirad per hour maximum at one centimeter from any contaminated surface measured with a beta-gamma survey meter or bare body tissue equivalent absorber of not less than 7 mg/cm².
 - b. 0.1 millirad per hour average, measured as above.
 - c. 1,000 d/100cm² maximum removable by wiping the area with a dry filter paper or soft-absorbent paper.

Consideration will be given to cancellation of License 224-154 on receipt of your report of contamination levels. Please note that pipes, cables, valves, or other areas difficult to survey for build-up contamination should be surveyed at least before special nuclear material and equipment is removed from the facility prior to termination of the special nuclear fuel use license.

Handwritten: 70-240-153

OFFICE	IR JLL	IR JLL			
SURNAME	J. J. Jones/ey	Kussbauer			
DATE	12/11/62	12/18/62			

In connection with the expiration of License SMI-329 you are requested to submit at least fifteen days prior to vacating the facility under License SMI-329 or using it for any purpose other than previously authorized under your license a report indicating the levels of fixed and removable uranium contamination existing in the facility. We believe that the levels outlined in items 1 and 2 above should not be exceeded and similar consideration, as previously mentioned, should be given to those areas of equipment which are difficult to survey for built-up contamination.

FOR THE ATOMIC ENERGY COMMISSION

Donald A. Nussbaumer, Chief
 Source and Special Nuclear Materials Branch
 Division of Licensing and Regulation

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OFFICE ▶	IR / <i>JJ</i>	IR <i>DN</i>			
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DATE ▶	12/14/62	12/18/62			