

MAR 16 1964

DLR:DPH  
40-6175

Kerr-McGee Oil Industries, Inc.  
Kerr-McGee Building  
Oklahoma City 2, Oklahoma

Attention: Mr. Harold Lambertus  
General Manager  
Nuclear Products Department

Gentlemen:

Thank you for your letter of February 12, 1964, informing us of your plans to discontinue your source material operations at Golden, Colorado, under AEC License No. SUB-143.

In order for us to further consider your request for termination of the license, we require the following information:

1. The quantity and source material content of any residues or tailings accumulated during your operations and your plans for dealing therewith.
2. Your procedures for determining levels of radioactive contamination on all buildings and/or process equipment used during your operations, including instruments used therefor.

In order for the Commission to determine that you may dispose of contaminated equipment and building materials and that the recipients do not require an AEC license, the attached contamination levels must be met.

*Dec. Pm.  
Compliance  
Supt.  
B. R. H. H. -*

Very truly yours,

Original Signed by  
Donald A. Nussbaumer

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

Attachment:  
As stated above

OFFICE	DLR	DLR			
SURNAME	DFHARMON:fk	DANussbaumer			A-14
DATE	3/13/64				

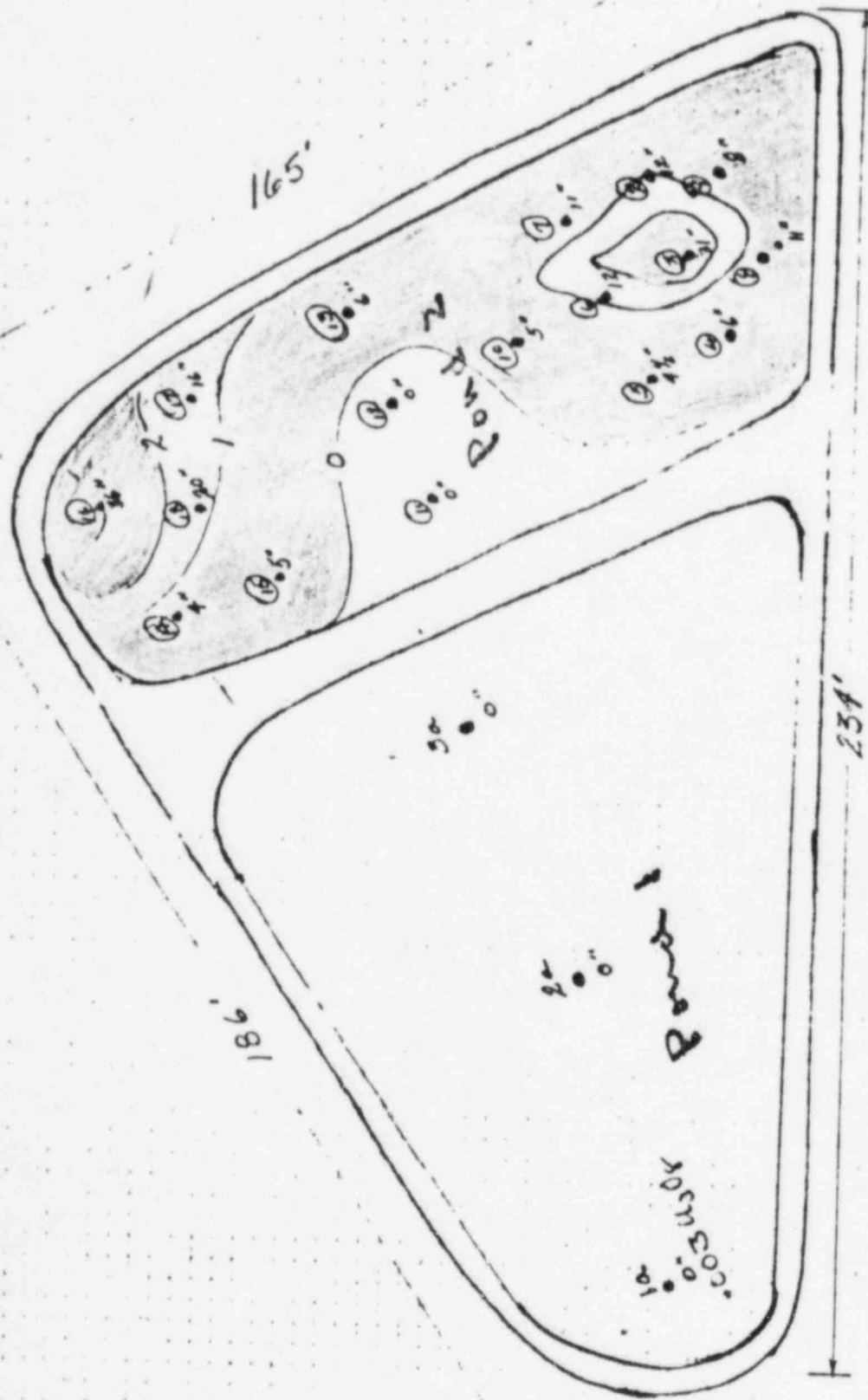
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PDR FOIA  
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#### RADIOACTIVITY CONTAMINATION LIMITS

1. The maximum amount of fixed alpha radioactivity in disintegrations per minute per 100 square centimeters on buildings or equipment does not exceed 25,000.
2. The average amount of fixed alpha radioactivity in disintegrations per minute per 100 square centimeters on buildings or equipment does not exceed 5,000.
3. The maximum amount of removable (capable of being removed by wiping the surface with a filter paper or soft absorbent paper) alpha radioactivity in disintegrations per minute per 100 square centimeters on buildings or equipment does not exceed 1,000.
4. (a) The maximum level at one centimeter from the most highly contaminated surface of a building or piece of equipment measured with an open-window beta-gamma survey meter through a tissue equivalent absorber of not more than seven milligrams per square centimeter does not exceed one millirad per hour.  
  
(b) The average radiation level at one centimeter from the contaminated surface of the building or equipment measured in the same manner does not exceed 0.2 millirad per hour.

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TAILINGS PONDS  
 KERR MCGEE OIL INDUSTRIES  
 5950 MCINTYRE ROAD  
 SAMPLING HOLE LOCATION AND  
 DEPTH OF TAILINGS

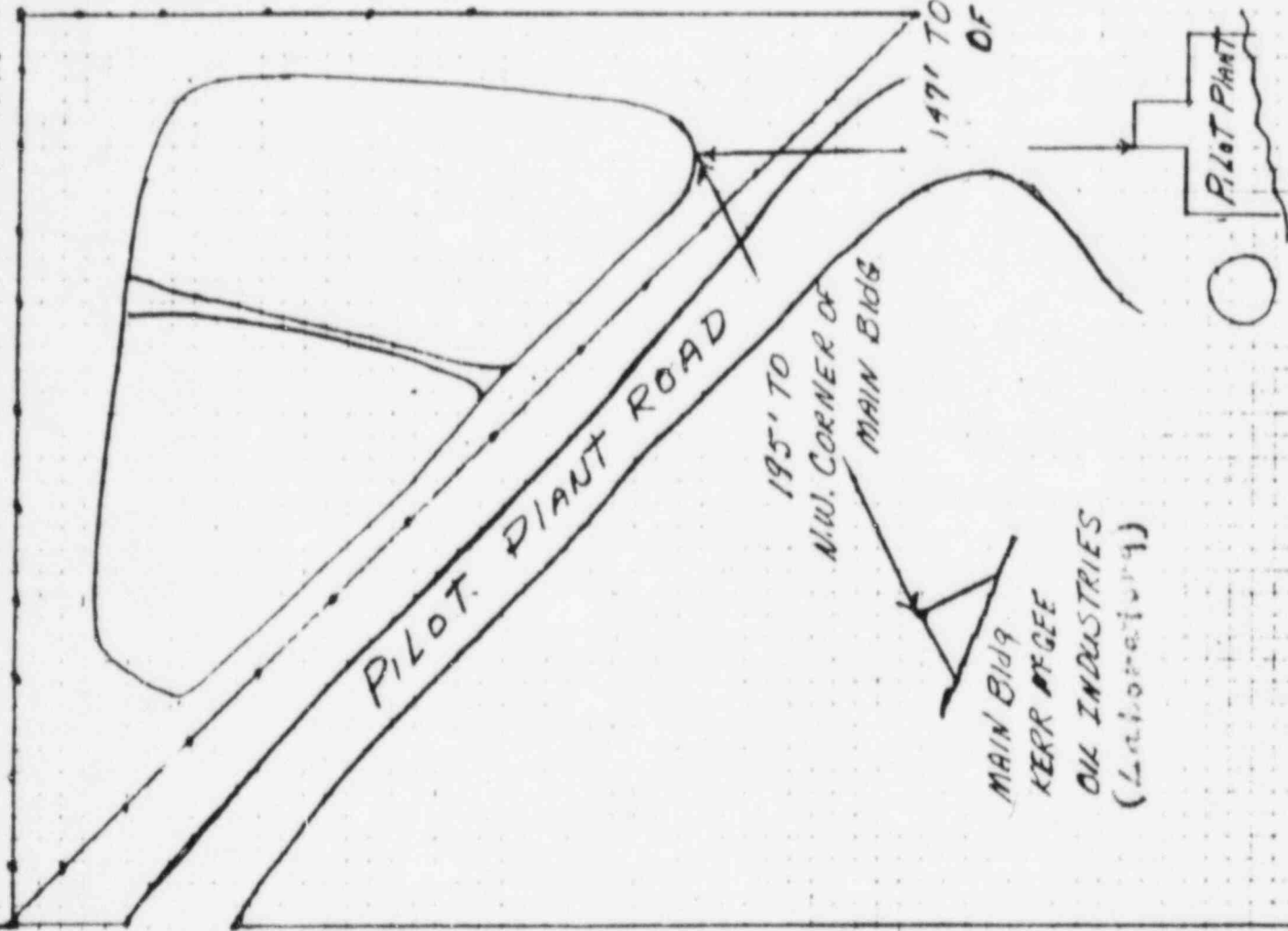
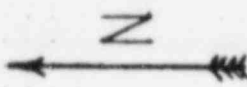
Drawing "B"

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File Copy

Drainage

TAILINGS PONDS  
KERR MCGEE OIL IND.  
3950 MCINTYRE PI  
GOLDEN, COLO  
GENERAL LOCATION



MCINTYRE ROAD