

70-90  
40-336  
40-680  
40-3109  
(cc-3387) not listed in ltr.

MAY 28 1959

Engelhard Industries  
Baker Platinum Division  
113 Astor Place  
Newark 2, New Jersey

Attention: Mr. M. C. R. Berghem, Vice President

Gentlemen:

This refers to the inspection conducted on February 17, 1959 of your activities authorized under Byproduct Material License No. 29-4181-1, Special Nuclear Material License No. SNM-98 and Source Material License Nos. C-4229, C-4119 and S-4938.

It appears that certain of your activities were not conducted in full compliance with the requirements of the AEC's "Standards for Protection Against Radiation," Part 20, Title 10, Code of Federal Regulations and the conditions of your license, in that:

1. The signs used to post the refinery facility did not meet the wording requirements of Section 20.203(e)(1), "Caution signs, labels and signals."
2. The storage drums, containers and jars containing special nuclear material were not labeled as required by Section 20.203(f)(1) and (f)(k), "Caution signs, labels and signals."
3. Records of waste disposal were not recorded in the units specified by Section 20.401(c), "Records of surveys, radiation monitoring and disposal."
4. Byproduct and source material were used at locations other than that permitted by Condition No. 10 of license 29-4181-1 and S-4938.
5. The metal container used to store the 2253 grams of  $^{235}\text{U}$ , obtained from Amersham Chemical Institute, was not labeled as required by Section 20.203(f)(2), "Caution signs, labels and signals."

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Engelhard Industries

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MAY 28 1955

Pursuant to the provisions of Section 2.201(a), "Notice of violation," of the AEC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, you are requested to notify this office, within thirty days of your receipt of this notice, of the steps taken or to be instituted to achieve correction of the above-described violations and the date when such correction has been or will be achieved.

Enclosed is a sample sign containing the wording, coloring and symbol which meets the requirements of Section 20.203(e)(1), (f)(1) and (f)(2). Signs more suitable for posting might be procured from a radioisotope supplier or a commercial sign company.

Very truly yours,

Lyall Johnson, Chief  
Licensing Branch  
Division of Licensing and  
Regulation

Enclosures:

1. 10 CFR Part 2
2. 10 CFR Part 20
3. Sign - "Caution-Radioactive Materials"

cc: Division of Inspection, Wash.  
Division of Inspection, NYCO  
Public Document Room