



## ALCOA RESEARCH LABORATORIES

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POST OFFICE BOX 211

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DIRECTOR OF RESEARCH

New Kensington, Pa.

Ryf

June 12, 1959

Mr. James R. Mason, Chief  
Isotopes Branch  
Division of Licensing and  
Regulation  
U.S. Atomic Energy Commission  
Washington 25, D.C.

Dear Mr. Mason:

Reference: DLR:RGP

In reply to your letter concerning the inspection of our facilities on October 28, 1958 and our failure to fully comply with the provisions of Title 10, CFR Parts 20 and 30, we are submitting for your approval a list of remedial measures which have been or will be instituted to correct the violations mentioned in your citation.

The corrective measures are listed below in the order the violations were listed in your report.

1. Surveys to Evaluate Hazards Incident to the Evaporation of Liquid Radioactive Wastes.

The evaporation method for concentrating liquid wastes for disposal has not been used since the inspection on October 28, 1958. When this activity is resumed, we will employ air sampling apparatus (supplied by our Industrial Hygiene Group) to evaluate the concentration of radioactive material in the air in the room and in the hood exhaust system. A smear test survey program was initiated in May, 1959 to determine contamination levels in the isotope laboratories and in the isotope storage area. Surveys of this nature are to be conducted monthly.

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2. Posting of Areas in Building 29 Involving Tritium Storage and Isotopes Storage Room in Building 44.

All of the tritium storage and work areas have been transferred to the expanded isotope laboratories in Building 44 and the tritium work is confined to two hood enclosures in Rooms 600 and 608 of this Building.

All of the areas in question have been posted as of January, 1959 with proper warning signs as required by Section 20. 203 (e) (1).

3-4. Labeling of Byproduct Material, Isotope Containers, Radioactive Waste Drums and Sr-90 Beta Gauge.

The above items have been labeled as of January, 1959 in accordance with Sections 20. 203 (f) (1) and (f) (4).

5. Records of Surveys Conducted in Isotope Laboratories and Storage Room.

Records are currently being maintained.

6. Records of Transfer and Disposal of Byproduct Material.

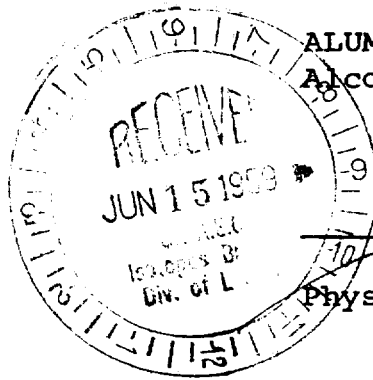
As of January, 1959 records have been revised and consolidated to include the above items and quantities of radioactive material are being inventoried in terms of curies or fractions thereof.

We trust that the corrective measures mentioned will meet with your approval and will constitute full compliance

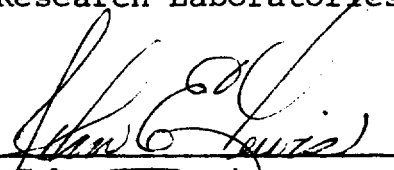
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with the Code of Federal Regulations. You have our assurance that the violations cited were not willfully perpetrated and that a concerted effort will be made to prevent infractions of the Regulations in the future.

Very truly yours,



ALUMINUM COMPANY OF AMERICA  
Alcoa Research Laboratories

  
John E. Lewis  
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JEL:bk