

## Office Memorandum • UNITED STATES GOVERNMENT

TO : Isotopes Branch Files

DATE: July 9, 1958

FROM : Robert E. Brinkman

SUBJECT: VISIT TO ISOTOPES SPECIALTIES COMPANY, 170 W. PROVIDENCIA STREET,  
BURBANK, CALIFORNIA ON JUNE 18, 1958SYMBOL: L & R:IB:REB *REB*

Docket No. 27-7

The byproduct material program of the Isotopes Specialties Company were discussed with Mr. Allen Goldstein, Mr. Richard Dickey, Mr. Carl Amlaur, and Mr. R. N. Donelson of that company. Mr. J. R. Mason, Mr. R. F. Barker, and Mr. R. E. Brinkman were present from the Division of Licensing and Regulation. Mr. Goldstein also discussed (a) a proposal of the Aerojet-General Corporation in which he is concerned as consultant, (b) a need for several specific temporary increases in his possession limits, and (c) future large and permanent increases in his possession limits.

Although the larger part of the operations of the company have apparently been transferred to the West Providencia Street address, the South Main Street building is to be retained for the time being. Some operations and storage, including waste, are reportedly conducted at the South Main Street site.

The waste storage area is located in a fenced area behind the W. Providencia Street building. The storage area is additionally restricted by a shielding wall and gate. The gate is interlocked to actuate both a local audible signal, which can be shut off if desired, and a visible panel light within the building.

The labeling of the waste storage drums apparently consisted only of grease pencil or chalk marking upon the drums. The necessity of following 10-CFR-20 requirements for labeling and identifying contents of storage containers was discussed.

The 55 gallon drums used for waste containment were not identified as ICC 17C containers, although they may have been equivalent in construction. Mr. Goldstein stated that he would either obtain B. E. permit numbers for these containers or change to 17C specification containers. The necessity of transporting in accordance with ICC regulations and of providing equivalent control for transportation not under ICC jurisdiction was discussed.

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Several of the drums reportedly had surface radiation levels in excess of 200 mr/hr. This condition is said to result only from the storage of wastes produced within the plant and stored for decay. No drums are to be accepted or dispatched with surface radiation levels in excess of 200 mr/hr.

Mr. Goldstein questioned the procedure to be followed in the event of the intra-state transfer of wastes in quantities exceeding those specified in ICC regulations. While he has a procedure available to obtain authorization in interstate transfers, he does not think ICC will evaluate movements where it does not have jurisdiction. He was told that in this situation, the Isotopes Branch should be contacted for approval.

Mr. Dickey described an additional leak test performed on some sealed sources by Isotopes Specialties. This test involves placing the source in a liquid under vacuum and watching for bubbles which indicate leaks. This test is to supplement but not replace the previously described leak tests.

The facilities at W. Providencia Street are subdivided into small hot labs in a manner which should assist in contamination control. The efficiency of this system of contamination control was not determined during the course of the visit.