

# THE HARSHAW CHEMICAL COMPANY

CRYSTAL-SOLID STATE  
DIVISION

1945 EAST 97TH STREET  
CLEVELAND 6, OHIO  
AREA CODE 216  
721 8300

November 19, 1962

United States Atomic Energy Commission  
Division of Licensing and Regulation  
Isotopes Branch  
Washington 25, D. C.

Attention: Mr. R. E. Brinkman

Dear Sir:

We wish to request amendment of our By-product Material License 34-6558-1(F64). The requested amendments are as follows:

1. Item 8-A, change from "20 microcuries" to "Total 10.50 millicuries".
2. Item 8-B, change from "Total 5.05 millicuries" to "Total 6.05 millicuries".
3. Add: Item 6-0, "Hydrogen 3".

Item 7-0, "Sealed sources (United States Radium Co.)".

Item 8-0, "300 millicuries".

Requested Amendments 1 and 2 are a result of our increasing isotope use for evaluation of radiation detectors. The amendment request 3 covers tritiated light standards, described as "Self-luminous markers for LAB252(S)B-4. Standard aircraft marker Type VII, MIL-M-3935A". These markers contain about 50 mc. of tritium each. Authorized usage of Item 0 would be, "To be used for testing and study of scintillation materials and electron multiplier tubes".

Your attention to this request will be greatly appreciated. If any further clarification is necessary, please do not hesitate to contact me.

Very truly yours,

*Charles T. Schmidt*  
Charles T. Schmidt  
Radiation Safety Officer

ACKNOWLEDGED

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FOR DIV. OF COMPLIANCE

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PDR FOIA  
BABCOCK96-529 PDR

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