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UNITED STATES ARMY MATERIEL COMMAND
HARRY DIAMOND LABORATORIES
WASHINGTON, D.C. 20438

IN REPLY
REFER TO:
AMXDO-SSB

15 November 1965

Mr. Nathan Bassin
Isotopes Branch
Division of Materials Licensing
U.S. Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. Bassin:

In reply to your letter of 1 November 1965, DML:IB:NB (71782), referring to application dated 19 August 1965 for a one curie source of Promethium-147, the following information is forwarded:

1. The Model numbers of the source is 3M 1C2 Series as registered with the AEC.
2. Dose rates from the source are as follows:
50 mr/hr at surface B
5 mr/hr at 3 inches
2 mr/hr at 6 inches
3. The source will be stored while in use in a card reader. When not in use it will be stored in its original shipping container.

Before the reference source is placed in use, the HDL Health Physicist will survey the experimental setup and recommend shielding and handling techniques as consistent with radiological safety.

No chemical or physical manipulation of the source is contemplated. Any changes in contemplated use of the source must have prior approval of the Harry Diamond Laboratories Health Physicist.

Sincerely yours,

Thomas B. Grucci

cc:
CG,USAMC,ATTN: AMCAD-SA-E

Thomas B. Grucci
HDL Radiation Protection Officer

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