

CURTISS-WRIGHT CORPORATION
RESEARCH DIVISION
QUEHANNA, PENNSYLVANIA
AMHERST 3-4711

0973

February 23, 1960

Mr. W. O. Miller
Isotopes Branch
Division of Licensing
U. S. Atomic Energy Commission
Germantown, Maryland

Dear Mr. Miller:

Our by-product material license number 37-2416-2 (F61) states under item 14 that "Sealed sources containing by-product material (except solid metal Iridium-192, Tantalum-182, Cobalt-60 plated with gold or nickel, and gases) shall be tested for leakage and contamination at intervals of not more than six (6) months and records of test results shall be maintained by the licensee."

We are in possession of 1355 Cobalt-60 unplated metal pellets, encapsulated in aluminum, which were originally received from Atomic Energy of Canada Limited as their Standard Slugs, Type KCS-1. The total calculated activity of these capsules as of November 25, 1959, was very close to 12,000 curies. These capsules are used and stored only in our Hot Cells and Storage Pool.

Spread of contamination from the Hot Cells is controlled by standard barrier methods, and that in the pool water by continuous recirculation through one of two deionizer units.

We would request that the requirement for leak testing of sealed beta-gamma sources, which are used or stored in our Hot Cell or Storage Pool facilities only, be waived, with the provision that should they be removed from these facilities the requirement for leak testing will again be in force.

Yours very truly,

M. T. Beam

M. T. Beam
Health Physics

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FOR DIV. OF INSP.

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