cc: A. Matsubara

January 5, 1970

RE:
License
37-00030-10G

Director,
Division of Materials Licensing
U. S. ATOMIC ENERGY COMMISSION
Washington, D. C. 20545

Dear Sir:

We hereby request an amendment to license 37-00030-10G to include P/N 758-14-1 under Condition 10B.

P/N 758-14-1 is a redesign of LAB 758H1 to meet a need for a smaller Escape Slide Pull Handle. As can be seen on the enclosed drawing, tritium containment is accomplished by the same method as in the LAB 758H1 by potting fusion sealed self-luminous glass tubes in a resilient potting resin and sealing the unit from the atmosphere to assure minimum deterioration of the potting resin over long periods of time.

Because of the similarity of construction between LAB 758H1 and P/N 758-14-1, the new design is considered equal in resistance to all those factors covered by prototype testing of LAB 758H1. A test was conducted, however, to prove P/N 758-14-1 construction rugged enough for the service for which it was designed. A report of the test as performed by B. Bednarz, Design Engineer, U. S. Radium Lighting Products Division, Parsippany, N. J. Plant, is enclosed.

Production methods and quality control procedures will be consistent with those used for LAB 758H1.

P/N is used rather than LAB in this and future designations to provide designations that are consistent with those in use throughout industry. Organizations that use automated data processing are particularly desirous that U. S. Radium change designation systems.

Please contact us if you need further information.

Sincerely yours,

UNITED STATES RADIUM CORPORATION

O. L. Olson
Director, Nuclear Division

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jrn

Enc.

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