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U. S. R. CENTRAL OFFICE

September 30, 1965

Ref: ML:IB:BWC(GL 122)

Mr. William O. Miller
U. S. Atomic Energy Commission
Washington, D.C. 20545

Dear Mr. Miller:

Thank you for your letter of August 6, in response to our request for amendment to GL-122.

We are enclosing 3 copies of drawing LAB 758, Rev. A, indicating the mounting of the source in a silicone potting resin. Depending on the legend required, the source may contain up to 3 curies of Hydrogen 3. This unit is typical of the integrally lighted panels referred to in our test report of July 13, 1965 and described in our drawing LAB 758-D-1, since it is potted in the plastic housing and closed with a plastic back plate. Consequently units of this type have been subjected to the prototype tests of 30.24(j), 10CFR30 and successfully passed them.

The production equipment for formation of all glass seals on a routine basis had not been completed at the time of our March 10 letter. Since the LAB 758-H marker was urgently needed we requested its inclusion on License GL-122 utilizing the LAB 752-1 frit seal. However, since typical devices utilizing both the LAB 752-1 frit seal and LAB 785 all glass seal have successfully passed the requisite prototype tests, we suggest that the two types of seal are equally reliable and could be interchanged when necessary. A revised copy of Encapsulation Codes I-933 and I-934, reflecting the use of either type of source is enclosed.

With respect to Items 2 and 3 of our July 12 letter, we wish to withdraw the application as stated and request a general license pursuant to Section 31.5, 10CFR30 for the devices discussed in the test report and similar units.

Very truly yours,

UNITED STATES RADIUM CORPORATION

C. C. Carroll
Manager - New Products

CCG:vz

Encls.

cc: Dr. J. G. MacHutchin

T. W. Taylor

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