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March 26, 1966

Mr. Daniel B. Howell  
Isotopes Branch  
Division of Materials Licensing  
U.S. Atomic Energy Division  
Washington 25, D.C.

Dear Mr. Howell:

Under License No. 46-922-2, reference is made to the survey measurements made by Mr. John Kelley of G.E.C., of our Cobalt-60 Theratron 80 unit. Prior to these measurements being made we had an interlock put on the door leading to the emergency power supply room, assuming that levels of radiation would exceed tolerance. This room is located adjacent to and slightly below the level of the Co<sup>60</sup> room. The maximum reading, apart from roof level, is 4 mr/hr when the beam is directed towards this area. Under normal running conditions, exposure dose rate should not exceed 2 mr/hr.

Permission is now sought to remove this interlock, as access to this area is occasionally needed for servicing of the power generator, and other appliances which are situated in a duct more remote than this area. It is proposed to keep this door always locked, only the chief engineer and myself having keys.

This matter was discussed with your Mr. Fish who was here last week for the annual inspection, and he agreed the interlock was unnecessary.

Permission is also requested to exclude our old Co<sup>60</sup> unit from further wipe tests until such time as it might be put into service again. When this was dismantled early last September, I made a routine wipe test immediately before securing a plug in the cone socket. The crating of the unit was completed when the wipe test was negative.

This unit is still in our possession and is stored in a remote basement area (unattended).

Sincerely yours,

Clifford G. Lewis  
Acting Physicist

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