

ML:IB:FCD (46-922-2)

AUG 6 1965

Tumor Institute of the Swedish
Hospital
1211 Marion Street
Seattle, Washington

Attention: Dr. Orliss Wildermuth

Gentlemen:

Enclosed is Amendment No. 4 to Byproduct Material License No. 46-922-2 issued in response to your application dated July 26, 1965.

You are reminded that Title 10, Code of Federal Regulations, Part 30, requires that all persons performing operations with the teletherapy source, including the installation and exchange of sources and the installation of the teletherapy unit source housing containing a teletherapy source, be specifically licensed by the Commission. Some organizations hold specific licenses authorizing the installation and replacement of teletherapy sources. Such operations by a specifically licensed service organization could be performed on your unit under authority of that organization's AEC license. However, if the source for your teletherapy machine is to be shipped directly to you in the teletherapy machine source housing, you may wish to have a local unlicensed service organization install the source housing on the machine and perform the servicing operations necessary to put the machine in operating condition. In this case, these operations must be performed under authority of your license. In order for this to be done, however, it will be necessary that you obtain an amended license authorizing these operations under your supervision. The request for amendment of the enclosed license must be accompanied by detailed written procedures covering installation and initial servicing which will be followed in the performance of all operations to assure a high degree of radiological safety and compliance with 10 CFR 20.

Although the AEC has made a determination that a facility such as yours may be operated so as to protect the health and safety of the public, it is the licensee's responsibility to maintain compliance with the Commission's

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regulations, including 10 CFR 20, "Standards for Protection Against Radiation," and the conditions of the enclosed license. If your installation, as constructed, does not meet these requirements, you may be required to make appropriate modifications to your facility.

It appears that access to the roof of the emergency generator room may also have to be restricted in lieu of complying with the provisions of Section 20.203(c)(2) of 10 CFR 20. This, of course, would depend upon the subsequent radiation survey of the west wall after installation of the new teletherapy unit and the accessibility to this area from the ground and adjacent roofs of the hospital complex.

Dr. Joseph E. Stapleton has not been listed in the license as an independent user of the teletherapy unit since he has not received appropriate certification by the American Board of Radiology. His training and experience may be evaluated by our Medical Advisory Committee upon receipt of a preceptor statement filed as outlined on Page 6, Section F, of the enclosed Teletherapy Licensing Guide.

Sincerely yours,

Cecil B. Buchanan
Assistant Chief
Isotopes Branch
Division of Materials
Licensing

Enclosures:
Amendment No. 4
10 CFR 20
Form ABC-313
Teletherapy Licensing Guide

bcc: Compliance Region V

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