



TEMPLE UNIVERSITY

PHILADELPHIA, PENNSYLVANIA 19140

RADIATION SAFETY OFFICE

June 25, 1984

RI Case

RECEIVED BY LFMS	
Date	<i>7/6/84</i>
Log	<i>July 3/84</i>
By	<i>CP</i>
Orig. To	<i>L. J. [unclear]</i>
Action Comp	<i>[unclear]</i>

84 JUL -2 A9:19

U.S. Nuclear Regulatory Commission
Office of Nuclear Material Safety and Safeguards
Division of Fuel Cycle and Material Safety
Material License Branch
Washington, D.C. 20555

Ref: USNRC Byproduct Material
(Teletherapy Unit) License
No. 37-00697-02

Gentlemen:

I am writing to request the addition of Ann Chu, M.D. as an approved user/supervisor under the ⁶⁰Co-teletherapy unit license issued to Temple University. Dr. Chu, the Chairman of the Department of Radiation Oncology is certified in radiation therapy by the American Board of Radiology (1970). A training and experience with radiation sheet and a curriculum vitae are enclosed.

I also request that Dr. Nancy Go Lim and Dr. Robert Robbins be deleted from the license as approved users/supervisors. Dr. Lim is no longer associated with Temple University Hospital and Dr. Robbins is retiring as of 6/30/84.

Thank you for your attention to this request.

Very truly yours,

Ronald E. Zelac

Ronald E. Zelac, Ph.D., C.H.P.
Director, Radiological Health
and Biohazards Control

REZ:rm

Enc(2)

cc: Dr. B. Brownstein, Provost
Dr. P.D. Forbes, Chairman, Temple University Radiation Protection Committee

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NMS LIC30
37-00697-02 PDR

170, 116a (d)
FREE EXEMPT

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TRAINING AND EXPERIENCE

<u>Training</u>	<u>Where Trained</u>	<u>Duration of Training</u>	<u>On The Job</u> (Yes or No)	<u>Formal Course</u> (Yes or No)
<u>Type of Training</u>				
Principles and practices of radiation protection	1. Medical College of Virginia 2. MD Anderson Hospital & Tumor Institute	1966 - 1969 1969 - 1971	Yes Yes	Yes Yes
Radioactivity Measurement standardization and monitoring techniques and instruments	See Above			
Mathematics and calculations basic to the use and measurement of radioactivity	See Above			
Biological effects of radiation	See Above			

Experience

<u>Isotope</u>	<u>Maximum Amount</u>	<u>Where Experience Was Gained</u>	<u>Duration of Experience</u>	<u>Type of Use</u>
Radium ²²⁶	100 mCi	1. Medical College of Virginia 2. MD Anderson Hosp/Tumor Inst. 3. Massachusetts General Hospital 4. Tufts-New England Medical Center 5. University of Louisville Medical Center	18 years	GYN & H&N tumors Breast implants
Cesium ¹³⁷	140 mCi	As Above	As Above	GYN tumors Breast ca, H&N tumors, Soft tissue sarcoma, etc...
Iridium ¹⁹²	100 mCi	As Above	As Above	Interstitial implants (perm.)
Iodine ¹²⁵	150 mCi	As Above	As Above	GYN tumors, metastatic disease, polycythemia vera
Phosphorus ³²	10 mCi	As Above	As Above	H&N tumors, ovarian ca, etc.
Gold ¹⁹⁸	10 mCi	As Above	As Above	Pterygia, etc...
Strontium ⁹⁰	25 mCi	As Above	As Above	
Cobalt ⁶⁰	10,000 Ci	As Above	As Above	