

**FOX CHASE
CANCER CENTER**

7701 BURHOLME AVENUE ■ PHILADELPHIA, PENNSYLVANIA 19111

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May 22, 1984

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Fox Chase
Applicant... 215728-8900
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Date Check Rec'd... 31/84
Received By... Brown

John E. Glenn, Ph.D.
Chief, Nuclear Materials Section
Nuclear Regulatory Commission
Division of Engineering and
Technical Programming
Region I
635 Park Avenue
King of Prussia, PA 19406

Dear Dr. Glenn:

We are pleased to submit the attached application for amendments to License #37-02766-01. This amendment is designed to consolidate under one license all the activities of the Fox Chase Cancer Center and Jeanes Hospital in accordance with our ongoing discussions with NRC representatives.

The Fox Chase Cancer Center began in 1974 as the union of two much older institutions: the American Oncologic Hospital, established in 190 and the Institute for Cancer Research, founded in 1925. The Center specializes in research into cancer causes, prevention and treatment, and care and rehabilitation of cancer patients. Both institutions have long had independent licenses for possessions of radioisotopes, in the one case for the care and treatment of cancer patients; in the other, as a tool for use in the basic research laboratory. The creation of the Center has enhanced our ability to integrate non-clinical and clinical scientific research with patient care. It also provides the opportunity to eliminate possible duplication of effort and to ensure consistent policy Centerwide by the centralization of administrative functions. Thus, it is desirable for the Center to consolidate the radioisotope program to more effectively respond to the needs of researchers and clinicians and to provide consistent effective management.

Jeanes Hospital is a 198 bed community hospital offering diagnostic, medical and surgical services to the local community. Jeanes presently possesses two licenses: an in vitro lab operating under a private physician license (37-933-3) under the direction of Dr. William Foster, a Ph.D. pathologist; and a materials license (37-01303-01) which is presently inactive and has been for two years. Our intention is to terminate this license following institution of a broad license, in response to NRC requests.

The Fox Chase Cancer Center and Jeanes have long collaborated in areas that are mutually beneficial. The Institutions are adjacent to one another and physically connected. This has encouraged the sharing of both clinical (pharmacy, dietary, radiation safety) and physical services (heat, air conditioning, telephone, O.R.

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INSTITUTE FOR CANCER RESEARCH ■ AMERICAN ONCOLOGIC HOSPITAL

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John E. Glenn, Ph.D.
May 22, 1984
Page 2

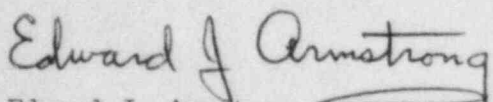
rooms, etc.). The departments of Radiology, Radiation Therapy, and Pathology are joint departments operated for the mutual benefit of Jeanes and American Oncologic Hospital. It is intended that the administration of all radioactive materials licenses and related radiation safety services be conducted by the Fox Chase Cancer Center. This administration is supported by multiple agreements and memoranda among the participating institutions and individuals.

We propose the following structure in accordance with the rules and regulations of the Nuclear Regulatory Commission: A Radiation Safety Committee whose membership, in addition to the radiation safety officer and senior administrative management, is constituted of a member of all departments making use of radionuclides. At the present time, this includes nursing, radiation therapy, diagnostic radiology, nuclear medicine, basic research laboratories and technical level staff. This committee will meet as often as necessary to conduct business and assure radiation protection but not less than once in each calendar quarter. Its responsibilities and duties will be carried out in accordance with the criteria specified in Appendix B to Regulatory Guide 10.8, expanded to encompass activities which take place in the basic research lab. The day to day business of the committee will take place in two subcommittees whose members comprise the Radiation Safety Committee: the Medical Isotopes subcommittee and the Laboratory Research Isotopes subcommittee whose activities will be reported to the Radiation Safety Committee at its regular meetings.

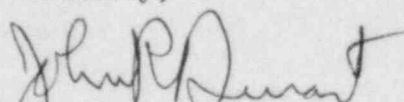
The basic organization of the Radiation Protection Program at the Center is graphically presented on the attached organization chart.

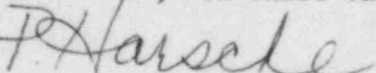
We are confident that the program outlined in the enclosed documents, along with its supporting administrative structure, conforms with the highest standards of radiation protection while fulfilling the goals of superior clinical and basic research.

We are most happy to provide you any additional information or clarify any points. Thank you for your attention.


Edward J. Armstrong
President, Jeanes Health System

Sincerely,


John R. Durant, M.D.
President, Fox Chase Cancer Center


Patricia Harsche
Associate Administrator

PH/jmc

Enclosures

cc: Darrell Q. Brown, Ph.D.
Dorris W. Groetzinger
Nancy D. Hammond, M.S.
Philip J. Moldofsky, M.D.

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