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NOV 24 1987

Att: Mr. Jack Davis
U.S. Nuclear Regulatory Commission - Region I
Nuclear Materials Safety Section B
631 Park Avenue
King of Prussia, PA 19406

Re: Amendment to Lic. No. 20-20973-01
Docket No. 030-22172
Control No. 107841

Gentlemen:

As you requested in your letter of 12 November 1987 we are attaching additional information to support our application to name George Frola as our Radiation Safety Officer.

I enclose a copy of Mr. Frola's Resume, and a list of courses he has taken for the Associate of Science in Radiation Therapy Technology degree follow:

- A. Applied Nuclear Physics - 4 credits
Lecture: 36 hours
Supervised Lab Experience: 36 hours
- B. Radiation Physics and Protection - 3 credits
Lecture: 36 hours
- C. Radiobiology - 2 credits
Lecture: 24 hours
- D. Nuclear and Radiochemistry - 4 credits
Lecture: 36 hours
Supervised Lab Experience: 36 hours
- E. Radiation Oncology - Courses totaling 28 credits,
144 lecture hours, and 1680 hours of supervised
in-hospital training

A list of radioisotopes with which he has worked is below.

- Ir-192 Seeds in ribbons for brachytherapy use.
Activities up to 500 mCi.
- Ir-192 Wires for brachytherapy use.
Activities up to 500 mCi.

"OFFICIAL RECORD COPY"

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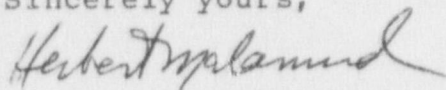
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- Cs-137 Tube sources for brachytherapy activities up to 500 mCi.
- P-32 For injection for polycythemia. Activities up to 150 mCi.
- I-131 Solution for use in treatment of thyroid malignancies. Activities up to 150 mCi.
- I-125 In vivo kits for diagnostic study. Activities up to 500 mCi.

He has also had training in brachytherapy source preparation, loading and unloading during his work experience (see Resume).

I hope that this information will meet your needs for the granting of our license amendment, but if I can help, or supply further details, please contact me at (516) 326-4381, or at my address below.

Sincerely yours,



Herbert Malamud, Ph.D.
Manager, Regulatory Affairs

Education

Associate of Science Degree in Radiation Therapy Technology
Community College of Allegheny County
Pittsburgh, PA. Graduation: August, 1986

Pennsylvania State University
Behrend Campus
Erie, PA.

1970-1972

Thomas Jefferson High School
Jefferson Borough, PA,

Graduation: 1970

Certified in 1 man CPR
April 1986 through April 1988

Experience

I presently have ten months experience as staff technologist at the Cleveland Clinic Foundation. I have gained approximately 1000 hours of clinical experience in my rotations through Allegheny General Hospital, Presbyterian University Hospital, Magee Women's Hospital and McKeesport Hospital.

Equipment

Picker Cobalt Unit	Varian Clinac 4/80
Varian Clinac 6/100	Picker Simulator
Odelft Simulator	Huestis Black Cutter
Mould Room Experience	12 MeV Siemens Mevatron
20 MeV Siemens Mevatron	AECL Theratron 80 Cobalt Unit
G.E. Maximar 100 KeV Superficial Unit	
AECL Therac 20	6 MeV Siemens Mevatron
Picker Orthovoltage Unit	43 MeV Cyclotron

Work Experience

The Cleveland Clinic Foundation
9500 Euclid Avenue
Cleveland, Ohio, 44106
September, 1986 to present

United States Steel Corporation
Irvin Works
Dravosburg, PA.
1973-1983

Honors

Dean's List of CCAC
Phi Theta Kappa Honors Fraternity
National Dean's List

Activities

Sports, Assistant Fire Chief, Trustee-Large Volunteer Fire Department,
President Dormitory Council-Penn State, Student Judiciary Member-
Penn State, Assistant Grievance Man-USWA Local 2227