



ST. FRANCIS GENERAL HOSPITAL

45th Street (off Penn Avenue)

Pittsburgh, Pennsylvania 15201

(412) 622-4070

Department of Radiation Oncology & Nuclear Medicine

John D. McAllister, M.D., F.A.C.R., Director
John P. O'Connor, M.D., F.A.C.O.G., F.A.C.S.

Radiological Physics & Radiation Biology

Krishnadas Banerjee, Ph.D., Director

Administrative Assistant
Maureen L. Henry, R.T.

Mitchell J. Jarosz, Jr., M.S.
Michael J. Semon, B.S.

January 5, 1982

Patricia Vacca
Division of Material Safety and Fuel Cycle
U.S. Nuclear Regulatory Commission
Washington, DC 20555

RE: Amendment to License # NRC 37-01072-02

Dear Ms. Vacca:

Doctor David Elkon from the Department of Radiology, University of Virginia Medical Center has joined our department effective January 4, 1982.

He was one of the authorized users of the Cobalt-60 teletherapy unit under license number NRC 45-00034-09, with an expiration date of August 31, 1986. Enclosed you will find a xerox copy of Page 1 of the license issued to the University of Virginia Medical Center, Charlottesville, VA 22908.

I would appreciate your amending our license to include the name of Doctor Elkon in our license number NRC 37-01072-02.

Enclosed you will find a check for \$40.00 to cover this amendment. If you have any questions, please do not hesitate to contact me.

KB:cf

Enclosures

CC: Sister M. Sylvia Schuler
Executive Director

Very truly yours,

Krishnadas Banerjee
Krishnadas Banerjee, Ph.D.
Radiation Safety Officer

Applicant	120385
Check No.	#40/7A
Amount	Amendment
Date	1/22/82
By	Brown

LOG	1/22/82
LOG	Jan 23 Amend.
By	Brown
Copy To	
Action	1/23/82

8602110282 851231
REG1 LIC30
37-01072-02 PDR

COPIES SENT TO OFF. OF
INSPECTION AND ENFORCEMENT

09985

"OFFICIAL RECORD COPY"

**U. S. NUCLEAR REGULATORY COMMISSION
MATERIALS LICENSE**

Page 1 of 6 Pages
Amendment No. 26

THIS LICENSE IS FOR YOUR FILES

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter 1, Parts 30, 31, 32, 33, 34, 35, 36, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s); and to import such byproduct and source material. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee		In accordance with application dated January 13, 1981
1. Rectors and Visitors		3. License number 45-00034-09 is amended in its entirety to read as follows:
2. Radiation Safety Office - Box 262 University of Virginia Hospital Charlottesville, Virginia 22908		
		4. Expiration date August 31, 1986
		5. Docket or Reference No.
6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Cobalt 60	A. Teletherapy sealed sources (AECL Model C-146 or C-151)	A. 17,000 curies (2 sources of not more than 8,500 curies each)
9. Authorized use		
A. One source to be used in an AECL Theratron 80 teletherapy unit for: (1) the treatment of humans, (2) research studies on plants and animals (excluding humans), (3) research studies on inanimate objects (excluding explosives), (4) demonstrations. One source in its shipping container to be in possession of the licensee as necessary to the replacement of the source in the teletherapy unit only.		

CONDITIONS

10. Licensed material shall be used only at the University of Virginia Hospital, Jefferson Main Floor, Room B-961 A, Jefferson Park Avenue, Charlottesville, Virginia.
11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections" and Part 20, "Standards for Protection Against Radiation."
12. Licensed material shall be used by, or under the supervision of, Theodore E. Keats, M.D., William C. Constable, M.D., Charles David Teates, M.D., David Elkon, M.D., Jung-Ah C. Kim, M.D., or Nigel T. Goodchild, M.D.

09985

U. S. NUCLEAR REGULATORY COMMISSION
MEDICAL ADVISORY COMMITTEE

FEB 10 1981

Back
2/18/81
old

APPRAISAL

<p>1. Applicant: St. Francis General Hospital</p> <p>Address: 45th Street off Penn. Avenue</p> <p>City: Pittsburgh, PA State:</p>	<p>2. Control No. 05978 (PCV)</p> <p>3. Department</p>
<p>4. Name and title of trained individual</p> <p>John P. O'Connor, M.D.</p>	<p>5. Type Program:</p> <p><input type="checkbox"/> Private practice</p> <p><input type="checkbox"/> Private practice in hospital</p> <p><input checked="" type="checkbox"/> Institutional</p>
<p>6. Review:</p> <p><input checked="" type="checkbox"/> First <input type="checkbox"/> Second</p>	<p>7. Previous application control No.(s)</p>

8. Remark on checked items:

☐ A. All radioisotopes and uses stated in application

☒ B. Use of Cobalt-60 for teletherapy treatment

☒ C. Training and experience of user

Sent to: Dr. Webster
Dr. Almond
Dr. Collins
Dr. Griem

☐ D. Dosage(s) indicated

☐ E. Clinical techniques and procedures outlined

☐ F. Type patient used (i.e., terminal, infants, normal)

☐ G. Other

9. Action of Subcommittee on Human Applications:

☒ Approve

☐ Disapprove

Remarks:

Training, experience and recommendations seem satisfactory.

"OFFICIAL RECORD COPY"

V.P. Collins, M.D.



3-6-81

(Date of appraisal)

Signature

(Member of subcommittee)

U. S. NUCLEAR REGULATORY COMMISSION
MEDICAL ADVISORY COMMITTEE

APPRAISAL

FEB 1 1981

<p>1. Applicant: St. Frances General Hospital</p> <p>Address: 45th Street off Penn. Avenue</p> <p>City: Pittsburgh, PA State:</p>	<p>2. Control No. 05978 (PCV)</p> <p>3. Department</p>
<p>4. Name and title of trained individual</p> <p>John P. O'Connor, M.D.</p>	<p>5. Type Program:</p> <p><input type="checkbox"/> Private practice</p> <p><input type="checkbox"/> Private practice in hospital</p> <p><input checked="" type="checkbox"/> Institutional</p>
<p>6. Review:</p> <p><input checked="" type="checkbox"/> First <input type="checkbox"/> Second</p>	<p>7. Previous application control No.(s)</p>

B. Remark on checked items:

☐ A. All radioisotopes and uses stated in application

☒ B. Use of Cobalt-60 for teletherapy treatment

☒ C. Training and experience of user

Sent to: Dr. Webster
Dr. Almond
Dr. Collins
Dr. Griem

☐ D. Dosage(s) indicated

☐ E. Clinical techniques and procedures outlined

☐ F. Type patient used (i.e., terminal, infants, normal)

☐ G. Other

9. Action of Subcommittee on Human Applications:

☒ Approve

☐ Disapprove

Remarks:

FEB 26 1981
(Date of appraisal)

Signature

Robert R. Almond
(Member of subcommittee)

U. S. NUCLEAR REGULATORY COMMISSION
MEDICAL ADVISORY COMMITTEE

FEB 10 1981

APPRAISAL

1. Applicant: St. Frances General Hospital Address: 45th Street off Penn. Avenue City: Pittsburgh, PA State:	2. Control No. 05978 (PCV) 3. Department
4. Name and title of trained individual John P. O'Connor, M.D.	5. Type Program: <input type="checkbox"/> Private practice <input type="checkbox"/> Private practice in hospital <input checked="" type="checkbox"/> Institutional
6. Review: <input checked="" type="checkbox"/> First <input type="checkbox"/> Second	7. Previous application control No.(s)

8. Remark on checked items:

☐ A. All radioisotopes and uses stated in application☒ B. Use of ~~Cobalt-60~~ for teletherapy treatment☒ C. Training and experience of userSent to: Dr. Webster
Dr. Almond
Dr. Collins
Dr. Griem☐ D. Dosage(s) indicated☐ E. Clinical techniques and procedures outlined☐ F. Type patient used (i.e., terminal, infants, normal)☐ G. Other

9. Action of Subcommittee on Human Applications:

☒ Approve☐ Disapprove*Based primarily on volume of clinical experience in a radiation oncology department & good physician.*

Remarks: Dr O'Connor appears to be an unusual physician — he has pursued the difficult transition from gynecology to radiology — passing the ABR written is to his credit. I am somewhat concerned about his basic training — plenty of hours, but primarily in "laboratory" courses e.g. 110 hrs lab. in radiation physics and 36 in protection. I'd like to see a breakdown of those unusual amounts — did Dr O'Connor serve time with the physicists at St. Francis? I think the brachytherapy question is answered OK.

3/3/81
(Date of appraisal)

Signature

Dr. Webster
(Member of subcommittee)

U. S. NUCLEAR REGULATORY COMMISSION
MEDICAL ADVISORY COMMITTEE

FEB 10 1981

APPRAISAL

1. Applicant: St. Frances General Hospital Address: 45th Street off Penn. Avenue City: Pittsburgh, PA State:	2. Control No. 05978 (PCV) 3. Department
4. Name and title of trained individual John P. O'Connor, M.D.	5. Type Program: <input type="checkbox"/> Private practice <input type="checkbox"/> Private practice in hospital <input checked="" type="checkbox"/> Institutional
6. Review: <input checked="" type="checkbox"/> First <input type="checkbox"/> Second	7. Previous application control No.(s)

B. Remark on checked items:

☐ A. All radioisotopes and uses stated in application☒ B. Use of Cobalt-60 for teletherapy treatment☒ C. Training and experience of userSent to: Dr. Webster
Dr. Almond
Dr. Collins
Dr. Griem☐ D. Dosage(s) indicated☐ E. Clinical techniques and procedures outlined☐ F. Type patient used (i.e., terminal, infants, normal)☐ G. Other

9. Action of Subcommittee on Human Applications:

☒ Approve☐ Disapprove

Remarks: This is a poorly written request. Obviously the man had adequate basic science training or he would not have passed the written portion of the examination. The training appears to be all on-the-job training. We get no real indication of the distribution of patients he has had experience with but presumably it is satisfactory.

2-26-81

Signature

(Member of subcommittee)

U. S. NUCLEAR REGULATORY COMMISSION
MEDICAL ADVISORY COMMITTEE

APPRAISAL

FEB 10 1981

<p>1. Applicant: St. Frances General Hospital</p> <p>Address: 45th Street off Penn. Avenue</p> <p>City: Pittsburgh, PA State:</p>	<p>2. Control No. 05978 (PCV)</p> <p>3. Department</p>
<p>4. Name and title of trained individual</p> <p>John P. O'Connor, M.D.</p>	<p>5. Type Program:</p> <p><input type="checkbox"/> Private practice</p> <p><input type="checkbox"/> Private practice in hospital</p> <p><input checked="" type="checkbox"/> Institutional</p>
<p>6. Review:</p> <p><input checked="" type="checkbox"/> First <input type="checkbox"/> Second</p>	<p>7. Previous application control No.(s)</p>

8. Remark on checked items:

☐ A. All radioisotopes and uses stated in application

☒ B. Use of Cobalt-60 for teletherapy treatment

☒ C. Training and experience of user

Sent to: Dr. Webster
Dr. Almond
Dr. Collins
Dr. Griem

☐ D. Dosage(s) indicated

☐ E. Clinical techniques and procedures outlined

☐ F. Type patient used (i.e., terminal, infants, normal)

☐ G. Other

9. Action of Subcommittee on Human Applications:

☐ Approve

☐ Disapprove

Remarks:

ML10

"OFFICIAL RECORD COPY"

Signature

(Member of subcommittee)

(Date of appraisal)