

File

MAY 8 1985

Boone Hospital Center
ATTN: John O'Shaughnessy
President
1600 E. Broadway
Columbia, MO 65201

Gentlemen:

Enclosed are Amendment Numbers 34 and 18 to your NRC License Numbers 24-01565-01 and 24-01565-02, respectively. These documents authorize the appointment of Thomas A. Sullivan as the Radiation Safety Officer for the activities conducted under the licenses mentioned above.

In view of these amendments, please review your licenses carefully to assure that you understand and are in compliance with the terms and conditions contained therein. If you have questions, please contact our office by dialing (312) 790-5625.

Sincerely,

Original Signed By
B.J. Holt
Materials Licensing Section

Enclosures:

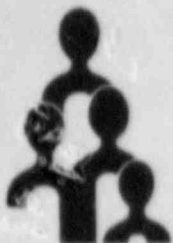
1. Amendment No. 34 (License Number 24-01565-01)
2. Amendment No. 18 (License Number 24-01565-02)

8505290611 850507
REG3 LIC30
24-01565-01 PDR

R111

Holt/cm
05/02/85

62
5/1/85



Boone Hospital Center

1600 E. Broadway • Columbia, Missouri 65201 • Phone 314-875-4545

April 26, 1985

USNRC, Region III
977 Roosevelt Road
Glen Ellyn, Illinois 60137

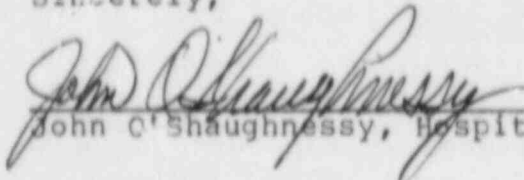
RE: NRC Control Nos. 78681 & 78682
New RSO for Boone Hospital Center
License No. 24-01565-01
and No. 24-01565-02

Dear Sirs:

This is in response to your April 25 conversation with Mr. Thomas A. Sullivan requesting that I send a letter to the NRC confirming his appointment. Mr. Sullivan has indeed been appointed by this administration to serve as radiation safety officer for Boone Hospital Center. You will find his qualifications on Form NRC-313M-Supplement A, which was included in the original April 4 request.

If there are any questions or additional information required, please contact Mr. Sullivan at 314-875-3729.

Sincerely,


John C. Shaughnessy, Hospital President

Copy: Thomas A. Sullivan, M.S., R.S.O.
Robert R. Hurst, Ph.D., Director of Med. Physics &
Clinical Engineering
Radiation Safety Committee Files

RECEIVED
APR 29 1985
REGION III

APR 29 1985

D.R. 8505240231

CONVERSATION RECORD

TIME

4:45

DATE

4/25/85

TYPE

☐ VISIT☐ CONFERENCE☒ TELEPHONE☐ INCOMING☒ OUTGOING

ROUTING

NAME/SYMBOL

INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

Thomas Sullivan

ORGANIZATION (Office, dept., bureau, etc.)

Borne Hospital

TELEPHONE NO.

(314) 875-4545

SUBJECT

Guaranteed Requests

Control Nos 78681 and 78682

SUMMARY

I informed Mr. Sullivan that the hospital's president must concur with the requests for him to be authorized RSO for license Nos. 24-01565-01 and 24-01565-02.

ACTION REQUIRED

30 day response

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

B. J. Webb

DATE

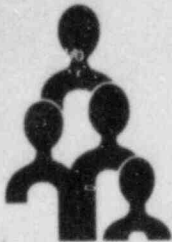
4/25/85

ACTION TAKEN

SIGNATURE

TITLE

DATE



Boone Hospital Center

1600 E. Broadway • Columbia, Missouri 65201 • Phone 314-875-4545

April 4, 1985

USNRC, Region III
977 Roosevelt Road
Glen Ellyn, Illinois
60137

RE: New Radiation Safety Officer
for Boone Hospital Center
License No. 24-01565-01
and No. 24-01565-02

RECEIVED BY LFMB

Date 4/16/85
Log. 4/26/85
By [Signature]
Orig. To [Signature]
Action Compl. [Signature]

REC
85 APR
U.S. 1
FEE MG.

Dear Sirs:

I have recently been appointed by Boone Hospital's administration and radiation safety committee to serve as radiation safety officer. Enclosed is a copy of my resume and Form NRC-313M-Supplement A. These should show the necessary training and experience for me to qualify as RSO. If there are any questions or additional information required, please contact me at 314-875-3729.

I am submitting this information at the request of the president of the hospital.

Sincerely,

Thomas A. Sullivan

Thomas A. Sullivan, M.S.

Copy: John O'Shaughnessy, President
Mike Shirk, Vice President Ancillary Services
Robert Hurst, Ph.D., Director of Med. Physics &
Clinical Engr.
Radiation Safety Committee Files

RECEIVED APR 8 1985
APR 08 1985
REGION III

170.11(a)(9) #11
FEE EXEMPT

8505240242

CONTROL NO. 78681

TRAINING AND EXPERIENCE AUTHORIZED USER OR RADIATION SAFETY OFFICER

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER Thomas A. Sullivan, M.S.			2. STATE OR TERRITORY IN WHICH LICENSED TO PRACTICE MEDICINE N/A	
3. CERTIFICATION				
SPECIALTY BOARD A	CATEGORY B	MONTH AND YEAR CERTIFIED C		
American Board of Radiology	Therapeutic Radiological Physics	Passed written-Orals in 6/85.		
4. TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES				
FIELD OF TRAINING A	LOCATION AND DATE(S) OF TRAINING B	TYPE AND LENGTH OF TRAINING		
		LECTURE/ LABORATORY COURSES (Hours) C	SUPERVISED LABORATORY EXPERIENCE (Hours) D	
a. RADIATION PHYSICS AND INSTRUMENTATION	University of Missouri-Columbia 1976-1978	20 +	12	
b. RADIATION PROTECTION	"	5	3	
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	"	9	3	
d. RADIATION BIOLOGY	"	3	-	
e. RADIOPHARMACEUTICAL CHEMISTRY	"	2	-	
5. EXPERIENCE WITH RADIATION. (Actual use of Radioisotopes or Equivalent Experience)				
ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
Co-60	6000 Ci.	VA Hosp.- Houston, Tx., Ellis Fischel State Cancer Center, and Boone Hosp. Center	1.5 yrs.	Rad. Therapy
Cs-137	100 mCi.		1.0 yrs.	"
I-125	50 mCi.		3.5 yrs.	"
P-32	20 mCi.			
Ir-192	100 mCi.			
I-131	50 mCi.	VA Hosp.- Columbia, Mo.	2.0 yrs.	Nuc. Med. heart scans
Au-198	50 mCi.			
Tc-99m	100 mCi.			

Synopsis Of Resume Of:

THOMAS A. SULLIVAN

Route 1 Box 247B
Hallsville, MO 65255
Phone: 314/449-0262
Work: 314/875-3729

JOB OBJECTIVE

Position as a Medical Physicist

EDUCATION

1976-1978 University of Missouri-Columbia
Degree: M.S. in Nuclear Engineering
Emphasis on Medical Physics

1970-1973 University of Missouri- Columbia
Degree: B.A. in Mathematics
Minor: Physics

1966-1970 Valle High School-Ste. Genevieve, MO
Graduated Valedictorian

EMPLOYMENT

9/81-present Medical Physicist-Supervisor Radiation Oncology
Boone Hospital Center
1600 East Broadway
Columbia, MO

8/80-8/81 Medical Physicist
Ellis Fischel State Cancer Hospital
115 Business Loop 70 West
Columbia, MO

3/79-7/80 Medical Physicist
VA Hospital Radiotherapy Service
2002 Holcombe Blvd., Houston, TX

4/77-2/79 Statistical Research Analyst
VA Nuclear Medicine - Cardiology
800 Stadium Road, Columbia, MO

9/72-9/76 Food Service Worker (part and full-time)
VA Hospital Kitchen
800 Stadium Road, Columbia, MO

1966-1970 Grocery Store Clerk
Wimpy's IGA Foodliner
Rozier Street, Ste. Genevieve, MO

PERSONAL

Age: 33 Born: October 24, 1951 in Perryville, MO
Marital Status: Married, no children

Appearance: Height: 6' Weight: 180 lbs.

Health: Excellent; no physical limitations; last physical 1983

Residence: Owns home and 4 acres; free to relocate

Finances: Good order; mortgage only major loan.

Hobbies: Tennis, swimming, racquetball, guitar, hiking, canoeing
and camping

Service: No record

CONTROL NO. 7 8 6 8 1

EDUCATION

Transcript Available Upon Request.

M.S. Thesis: "Emission Tomography Using Electronic Collimation".

Tested feasibility of doing tomography by using coincidence between a two-detector system to determine the direction of incident photons from a single-photon-emitting radionuclide.

Medical Physics Seminar on "PC-12 Irregular Field Program-Off-Axis Corrections" dealing with dose calculations for large dimensioned fields in Cobalt Therapy.

EMPLOYMENT

9/81-present
Boone Hospital Center
Columbia, MO

Medical Physicist-Supervisor in Radiation Oncology
Passed written part of ABR Certification exam in Therapeutic Radiology; orals in June. Similar physics work as two previous positions, plus supervision of technologists and department. Radiation Safety Officer for hospital; does all minor and some major repair and maintenance work for Siemens Mevatron 74 Linear Accelerator.

8/80-8/81
Ellis Fischel
Columbia, MO

Medical Physicist, Co-Radiation Safety Officer
Physicist for a large Radiotherapy Department containing a Sagittaire Linear Accelerator, two Cobalt units, an Orthovoltage unit and a superficial unit.

Experience with: Entering high energy electron and x-ray beam data into computer, complete calibration and adjustment on the Linear Accelerator, and radiation safety for the hospital.

Instructor, fall 1981 at University teaching "Clinical Dosimetry II".

3/79-7/80
VA Hospital
Houston, TX

Medical Physicist
Only physicist for Radiotherapy Department with a patient load of 35-45 patient/day. Department contained a Th-780 Cobalt unit, a Phillips RT-250 x-ray unit, and an AECL Simulator.

Experience with: Making lead masks, fabricating blocks and compensation filters, taking contours, checking treatment charts, all aspects of treatment planning on PC-12 and RAD-8 computers, beam isodose generation using water phantom, assisting in gold seed and radium needle implant surgery, accepting new Co-60 sources, performing radiation surveys and wipe tests, calibrating survey meters, calibrating and quality control of cobalt and superficial x-ray units, film densitometry, TLD dosimetry, and NRC regulations and Licensing. Assisted in teaching Baylor RTT students.

Reason for Leaving: Desired experience in a larger therapy department with a more diversified patient load and treatment modality. (Electrons and high energy x-rays).

4/77-2/79

Statistical Research Analyst
Helped in Cardiovascular Nuclear Medicine research. Helped technicians administer Gated Blood Pool and PYP Heart Scans on patients for research purposes. Analyzed computer images (PDP 11/40) of scans and did statistics on results.

Research included: 1) Ejection fraction changes in pre- and post-op coronary artery bypass patients; 2) Left ventricular changes during exercise of mitral valve prolapse patients with and without CAD; and 3) Prognosis of MI patients with different patterns of PYP uptake.
Reason for Leaving: To obtain a Medical Physicist position.

9/72-9/76

Food Service Worker WG-2
(Part-time during college; full-time after)
Prepared and served patient meals. Cleaned kitchen and washed dishes.
Reason for Leaving: To attend graduate classes.

HONORS, AWARDS, AND ORGANIZATIONAL MEMBERSHIPS

AAPM Member-National and Missouri River Valley Chapter, National Honor Society, O.M. Stewart Physics Scholarship, T.A. Assistantship, VA Outstanding Performance Award (1974).

REFERENCES

Robert Hunt, Ph.D.
Physicist

Boone Hospital Center
Magnetic Resonance
1600 East Broadway
Columbia, MO 65201
314/ 875-3309

H.J. Murrell, M.D.
Radiation Oncologist

Boone Hospital Center
Radiation Oncology
1600 East Broadway
Columbia, MO 65201
314/875-3349

Nestor Canoy, M.D.
Radiation Oncologist

Boone Hospital Center
Radiation Oncology
1600 East Broadway
Columbia, MO 65201
314/875-3349

John H. Liem, M.D.
Radiation Oncologist

VA Hospital Radiotherapy Service
2002 Holcombe Blvd.
Houston, TX 77211
713/795-4411 ext. 3989, 3177

K. William Logan, Ph.D.
Physicist

VA Hospital Nuclear Medicine
800 Stadium Road
Columbia, MO 65201
314/443-2511 ext. 6683

Marc Edwards, Ph.D.
Physicist

Bethany Hospital
Department of Radiation Therapy
51 North 12th Street
Kansas City, Kansas 66102
913/281-7790