

August 29, 1985

Jenny M. Johansen, M.S.
Nuclear Materials Section B
Division of Engineering and Technical Programs
United States Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

Re: License No. 06-06697-01
Docket Nos. 030-00116
030-01265
Control No. 17132

Dear Ms. Johansen:

Unfortunately, too much time has elapsed since I replied to your last request (7/16/84) and as a result, Stamford Hospital has received a Notice of Violation regarding 10 CFR 35.25 requiring a licensee to maintain, for inspection by the commission, records of evaluation of their qualified expert.

In an attempt to obtain this approval I am resubmitting the information required by 35.24 (b) (footnote 2).

Sincerely,

A. G. Agostinelli

A. G. Agostinelli
Radiation Physicist

8604040511 860128
REG1 LIC30
06-06697-01 PDR

AGA:krm
enc.

cc: Mr. Rhoades, Stamford Hospital

Applicant *Sept 7*
Check No. _____
Amount/Fee Category _____
Type of Fee *Amendment*
Date Check Rec'd _____
Received By _____

FEE EXEMPT
*Continuation of
Prev Request*

"OFFICIAL RECORD COPY"

*Rec'd LFMB
9/10/85*

ML10

104334

SEP 03 1985

A. G. AGOSTINELLI, B.S.
LAURENCE GRAY, M.S.
ROBERT C. LANGE, Ph.D.
JEROME A. MELI, Ph.D.
RAVINDER NATH, Ph.D.
S. C. ORPHANOUDAKIS, Ph.D.
ROBERT E. PETERSON, JR., B.S.
R. J. SCHULZ, Ph.D.

R. J. SCHULZ ASSOCIATES
P.O. BOX 3153, STONY CREEK STATION
BRANFORD, CONNECTICUT 06405

Amendment request for exception to Nuclear Regulatory Commission,
Part 35.24 - "Qualified Expert"

The following information is provided in accordance with 35.24(b)
in order that Mr. A.G. Agostinelli may be considered a qualified expert.

A. Name: Alfred G. Agostinelli
c/o R.J. Schulz Associates
Box 3153
Stony Creek Station
Branford, Connecticut 06405

Home address: 120 Braeside Drive
Hamden, Connecticut 06514

B. Training and Experience

1958-1962 - Manhattan College, Riverdale, New York
B.S. - Physics

1962 - Ontario Cancer Institute, Physics Division,
Princess Margaret Hospital, Toronto, Ontario
Canada. Two (2) months on-site training with physics staff.

1962-pres - Yale New Haven Hospital, New Haven, Connecticut
Physics Section, Department of Therapeutic Radiology

Current scientific and professional activities:

Maintain accurate instrumentation for x-ray and electron
beam calibrations and prepare reports which include all
of the data necessary for radiation therapy.

Assist physicians, dosimetrists and technicians in the solution
of radiotherapeutic problems.

Develop quality assurance procedures, testing for conformance
with equipment specifications.

Provide support and assistance for Radiological Engineering.

Design and supervise construction of devices used in radiation
therapy.

Preparing dosimetry data for treatment planning computer and
evaluation of the computer output for on-site and regional
treatment planning services.

Member of American Association of Physicists in Medicine

Bibliography

1. Stedeford, B. and Agostinelli, A.G., Electron Therapy with a 6 MeV Linear Accelerator. *Phys. Med. Biol.*, January 1966
2. Scientific exhibit at Radiological Society of North America, 1970. A Technique for Small Beam Isocentric Multiplaner X-Irradiation of the Pituitary. C. Von Essen, A.G. Agostinelli, and M.M. Kligerman
3. Schulz, R.J. and Agostinelli, A.G., Casting Beam Blocks for Radiotherapy. Technical Note, AAPM Quarterly Bulletin, December 1972
4. Son, Y.H., Silverman, H. and Agostinelli, A.G., 6 MeV Rotational Therapy with a Midline Shield for Superficial Skin Tumors. *Radiology* 116, 139-141, 1975
5. Schulz, R.J., McKiernan, F. and Agostinelli, A.G., Computer Generation of High-Energy X-ray Dose Distributions. *Medical Physics*, 3, No. 1, 1976
6. Doolittle, A.M., Berman, L.B., Vogel, G., Agostinelli, A.G., Skomro, C. and Schulz, R.J., An Electronic Patient-Contouring Device. *Brit. J. Radiol.* 50, 135-138, 1977
7. Gralla, E.J., Agostinelli, A.G., Russfield, A.B. and Folsch, E., Animal Model of Spontaneous Neoplasia Based on Lymph and Cells Collected from Thoracic Duct of Normal Dogs and Dogs with Malignant Lymphoma. *Laboratory Animal Science*, 27, No. 5, 866-878, 1977
8. Nath, R., Gignac, C.E., Agostinelli, A.G., Rothberg, S. and Schulz, R.J., A Semi-Empirical Model for the Generation of Dose Distributions Produced by a Scanning Electron Beam. *Int. J. Rad. Onc. Biol. Phys.*, 6, 67-73, 1980
9. Nath, R., Agostinelli, A.G., Gignac, C.E. and Schulz, R.J., Improvement of Small-Field Penumbra and Dose Distributions on a 4 MV Accelerator. *Int. J. Rad. Onc. Biol. Phys.*, 7, 957-959, 1981
10. Agostinelli, A.G., Beman, L., Vitali, P., Meli, J. and Schulz, R.J., A Dosimetry System for Whole-Body Electron Beam Therapy. Poster Session at 1983 AAPM Annual Meeting, 1983.

C. Calibration and Spot-Check Program Reports

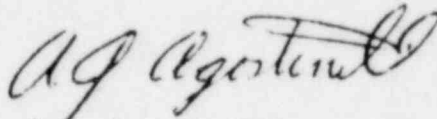
The enclosures include: (1) a monthly output calibration report for the Stamford Hospital, Stamford, Connecticut. The measurements were made with an appropriately calibrated Farmer Chamber and the method

of dose calculation used was that of the AAPM SCRAD protocol of 1971, as requested in 35.21 (E). (2) a monthly spot-check program designed to comply with 35.22.

D. Written Endorsements

Enclosed letter from R.J. Schulz.

Sincerely,

A handwritten signature in cursive script, appearing to read "A.G. Agostinelli".

A.G. Agostinelli
Radiological Physicist

AGA/krr