



ALEXIAN BROTHERS
Hospital

August 22, 1989

Mr. Steven Courtemanche
Health Physicist
United States Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA. 19406

RE: NRC LICENSE 29- 12389-01
CONTROL NO. 109535

Dear Mr. Courtemanche,

I am writing this letter in response to your inspection on August 18, 1989 at the Nuclear Medicine Department of Alexian Brothers Hospital.

I have enclosed copies of the calibration certificates for both the GM meter and dose calibrator that were rented from Mallinckrodt DIS and Capintec, respectively. The department will maintain copies for those records as well, in addition to future rental items, as you specified during your visit.

The health physicist from Radiation Protection Services has calculated an estimation of extremity dose for my ring badge for July which was sent to Landauer and copies of such are also enclosed.

Revisions of the disposal log form to include a space for the GM meter model used and reading in $\mu\text{r/hr}$ were made as well as a revision of the standard dose for MUGA scans to read as 20-25 mCi rather than 20-30 mCi.

I was unable to locate the minutes from the Radiation Safety Committee meeting from the 2nd quarter of 1987. In addition, there was a note placed in the file regarding the problem with the meeting for the 4th quarter of 1988. There was not sufficient attendance for a quorum and thus the meeting was cancelled.

8911150046 891104
REG1 LIC30
29-12389-01 PDC

I have emphasized the necessity of quarterly meetings of the Radiation Safety Committee and have been assured that they will make the effort to meet as scheduled. If a quorum is not possible, the meeting will be rescheduled for as soon as possible.

If you should require any additional information, please do not hesitate to contact me.

Thank you.

Natalie Tantleff

Natalie Tantleff, CNMT
Nuclear Medicine Supervisor
Alexian Brothers Hospital
655 East Jersey Street
Elizabeth, N.J. 07206
(201) 351-9000 EXT 4230



BICRON

BICRON CORPORATION

12345 Kinsman Road, Newbury, Ohio 44065
(216) 564-2251

Telex 980474

CERTIFICATE OF INSTRUMENT CALIBRATION

CUSTOMER: MALLINCKRODT INC. Q# 34666
Instrument Model: surveyor 2000 Serial # A031P
Probe Model: SW6m Serial # A128P

Calibration Data:

Range	Exposure Rate (mR/h)	Inst. Reading (mR/h)	Exposure Rate (mR/h)	Inst. Reading (mR/h)
X1000	1300	1300	700	720
X 100	130	130	70	72
X 10	13	13	7	6.9
X 1	1.3	1.3	.7	.7
X 0.1	.13	.13	.07	.07

Calibration Source: 1Ci ¹³⁷Cs

Procedures have been approved by the U.S. Nuclear Regulatory Commission, and are on file in License No. 34-13845-01.

Calibrated By: Ry Compton Date: 9-13-88

RADIATION PROTECTION SERVICES, INC.

CONSULTANTS IN HEALTH PHYSICS

P.O. Box 2395

DARIEN, CT 06820-1295

(203) 324-7967

(201) 390-7360

FAX (201) 747-0098

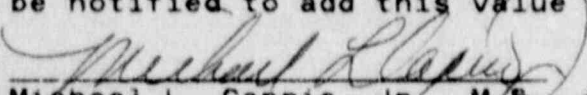
ESTIMATION OF EXTREMITY DOSE

For: Natalie Tantleff, CNMT

It was brought to our attention that the extremity TLD of the above named nuclear medicine technologist was reported as "stolen". This report estimates Ms. Tantleff's extremity dose for a 1-month period. To make this assumption, a review was made of Ms. Tantleff's extremity dose over the last three reporting periods which was 130 mRem; 130 mRem; and, 140 mRem.

Caseload has not significantly increased nor has there been any incident of hand or room contamination reported.

Therefore, an average was made to estimate Ms. Tantleff's extremity dose. A dose of 133.3 mRem is made. R.S. Landauer will be notified to add this value to its listing for Ms. Tantleff.


Michael L. Caprio, Jr., M.S., CHP
Certified Health Physicist

August 21, 1989



ALEXIAN BROTHERS
Hospital

August 23, 1989

Tech/Ops Landauer, Inc.
2 Science Road
Glenwood, Illinois 60425-1586

Gentlemen:

My extremity TLD badge was stolen from my possession last month and not returned with the rest of the dosimeters for the month of July. The health physicist has estimated my ring badge reading for July 1989 by reviewing my previous readings for the past three months as well as the patient work load. I have enclosed his estimated extremity dose for myself and would appreciate your adding it to my permanent radiation exposure records.

Thank you.

Natalie Tantleff

Ms. Natalie Tantleff, CNMT
Nuclear Medicine Supervisor
Alexian Brothers Hospital
655 East Jersey Street
Elizabeth, N.J. 07206

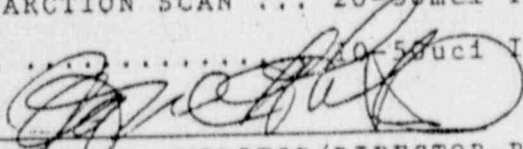


ALEXIAN BROTHERS
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REVISED: 8/18/89

AORTOGRAM 10-15mci TC99m
PERICARDIAL EFFUSION..... 7-15mciTC99m tagged RBC's
CARDIAC 1st PASS 15-25mci TC99m TAGGED RBC's
MECKELS DIVERTICULUM 5-10mci TC04
BILIARY SCAN 5-8mci CHOLETEC
G.I. BLEEDING SCAN 8-15mci TC99m TAGGED RBC's
CISTERNOGRAPHY 0.5-2mci IN111 DTPA INTRATHECALLY
RENOGRAM/RENAL SCAN 22-28mci TC99m DTPA or GLUCOHEPT INATE
RENAL SCAN 5-10mci TC99m DMSA
GALLIUM SCAN:SOFT TISSUE
TUMOR or ABCESS
LOCALIZATION 3-8mci Ga67 CITRATE
BRAIN 15-25mci TC99m DTPA, GLUCOHEPT INATE or
TC04
LIVER/SPLEEN SCAN 4-6mci TC99m SULFUR COLLOID
BONE SCAN 25-35mci TC99m MDP, PYP
LUNG SCAN (PERFUSION) 4-6mci TC99m MAA
LUNG SCAN (VENTILLATION) 7-25mci Xe133 GAS
THYROID SCAN 5-15mci TC04 or 100uc1 I131, 200uc1 I123
SCHILLINGS 0.5-1.0uc1 C057 CAPSULE
MUGA SCAN 20-25 mciTC99m TAGGED RBC's
TL201 PERFUSION 2-4mci TL201
MYOCARDIAL INFARCTION SCAN ... 20-30mci TC99m PYP
THYROID UPTAKE 10-50uc1 I131, or 200uc1 I123

APPROVED BY:


JEROME A. MOLITOR/DIRECTOR-RADIOLOGY
CHAIRMAN AND RSO

DISPOSAL RECORD

DISPOSAL DATE: _____

MODULE STORAGE DATE: _____

BARREL STORAGE DATE: _____

MATERIAL: VIALS _____ SYRINGES _____ WASTE _____

ASSAYED AT: _____ mR/Hr TC^{99m} _____ OTHER: _____

SURVEY METER MODEL _____

SIGNATURE _____

DISPOSAL RECORD

DISPOSAL DATE: _____

MODULE STORAGE DATE: _____

BARREL STORAGE DATE: _____

MATERIAL VIALS _____ SYRINGES _____ WASTE _____

ASSAYED AT: _____ mR/Hr TC^{99m} _____ OTHER: _____

SURVEY METER MODEL _____

SIGNATURE _____

DISPOSAL RECORD

DISPOSAL DATE: _____

MODULE STORAGE DATE: _____

BARREL STORAGE DATE: _____

MATERIAL VIALS _____ SYRINGES _____ WASTE _____

ASSAYED AT: _____ mR/Hr TC^{99m} _____ OTHER: _____

SURVEY METER MODEL _____

SIGNATURE _____



ALEXIAN BROTHERS
Hospital

8/18/89

To whom it may concern:

The fourth quarterly meeting of the Radiation Safety Committee was not held due to the lack of a quorum. There was no possibility of rescheduling the meeting at that time and since there was not sufficient attendance, there was no meeting.

Natalie J. Tantleff
Natalie J. Tantleff, CNMT
Nuclear Medicine Supervisor