



# Saint Margaret Mercy Healthcare Centers

*Slawinski*

NORTH CAMPUS =  
SOUTH CAMPUS =

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November 8, 1994

U.S. Nuclear Regulatory Commission  
Region III  
Attn: B.J. Holt, Chief  
Nuclear Materials Inspection  
Section 1  
799 Roosevelt Road  
Glen Ellyn, IL 60137

License No.: # 13-02047-02  
Docket No.: # 030-01602

Dear Mr. Holt:

Please find enclosed a "Reply to a Notice of Violation," resulting from an inspection on 9-13-94  
of our high dose rate remote afterloader operations.

It is our understanding that the corrective steps outlined in (2) bring us in full compliance with  
Federal regulations.

Sincerely,

Renate Muller-Runkel, Ph.D.  
Radiation Safety Officer  
Oncology Center

Enc.

RMR/dt

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PDR ADOCK 03001602  
C PDR



A Member of the Sisters of Saint Francis Health Services, Inc.

NOV 14 1994

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Reply to Notice of Violation

Violation: Failure to check survey meter with dedicated check source on each day of use.

- 1) Reason for violation: Misinterpretation of a policy written for us by an outside consultant (see attached): We assumed that less frequently used instruments need to be checked only quarterly, which was done and documented.
- 2) Corrective steps: Policy was changed (attached), a dedicated Cs 137 check source was removed from safe and placed in lead container next to survey meter on its storage shelf. Normal reading for check source is noted on survey meter.
- 3) Corrective steps to avoid further violations: See (2)
- 4) Date when full compliance was achieved: 9-14-94.

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# Saint Margaret Mercy Healthcare Centers

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Subject: CALIBRATION OF SURVEY METERS Policy # 7500-184

Responsible Department/Division RADIATION ONCOLOGY DEPARTMENT

Administrative ☒ Policy Reviewed Date 9/92

Medical Staff Procedure

Divisional Original Date 10/90

☒ Departmental Supersede Date 10/91 Revised Date 3/93

All survey meters will be calibrated at least annually, and after repairs, by any firm that is approved by the NRC for such calibrations. Instruments will be calibrated on at least two (2) points on each scale range. The calibration service firm is Stan A. Huber Consultants, Inc., of New Lenox, Illinois, whose radiation sources and procedures are on file with the NRC under License #12-17503-01.

The licensee shall perform operational and constancy checks on survey instruments before each day's use to ensure proper functioning of the devices. For any infrequently used meters, these reference source operational checks shall be taken at least quarterly, per NRC Regulatory Guide 10.8, Revision 2, Appendix B, as well as after repairs and battery changes to assure constancy within + 20 % of expected readings.

Director <i>Maria H. [Signature]</i>	Date	Medical Director <i>[Signature]</i>	Date <i>11/29/83</i>
Divisional Vice President <i>Antoin M. [Signature]</i>	Date <i>4/2/93</i>	Radiation Safety Officer <i>[Signature]</i>	Date <i>3/26/93</i>

New

# Saint Margaret Mercy Healthcare Centers

Page 1 of 1

Subject: CALIBRATION OF SURVEY METERS Policy # 7500-184

Responsible Department/Division: RADIATION ONCOLOGY

<u>Administrative</u>	<u>X</u> Policy	Reviewed Date: 9/92
<u>Medical Staff</u>	<u>Procedure</u>	
<u>Divisional</u>	<u>Original Date: 10/90</u>	
<u>X</u> Departmental	<u>Supercede Date 10/91</u>	Revised Date: 3/94

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The licensee shall perform operational and constancy checks on survey instruments before each day's use, but at least quarterly, to ensure proper functioning of the devices per NRC Regulatory Guide 10.8, Revision 2, Appendix B, as well as after repairs and battery changes to assure constancy within + 20% of expected readings.

Subject: Calibration of Surgey Meters

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<i>Maile Lynn Lova</i>	<i>10/17/94</i>	<i>Umbeloken</i>	<i>10/17/94</i>
Director	Date	Medical Director	Date
<i>James Harvey</i>	<i>10/94</i>	<i>Umate Miller</i>	<i>10-14-94</i>
Divisional Vice President	Date	Radiation Safety Officer	Date

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