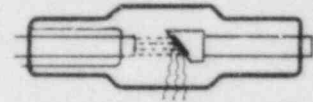


RADIATION CONSULTANTS
of
Mid-AMERICA, INC.



X-RAY • NUCLEAR MEDICINE • THERAPY
5500 BUENA VISTA • SHAWNEE MISSION, KANSAS 66205
(913) 236-5126

May 9, 1985

Mr. James Mullaer
U.S. Nuclear Regulatory Commission
Regional Licensing Section
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Re: Control #78499

Dear Mr. Mullaer:

You inquired about the survey meter range for the Victoreen Thyac III survey meter specified in the license renewal application for Shenandoah, Iowa. The range of the unit (per the Victoreen Catalog) is 0 to 20 mR/hr maximum. In addition to the Thyac III meter, they also have a Victoreen 740F. This unit is capable of reading up to 2.5 R/hr. I have enclosed a revised equipment sheet showing the two survey meters.

There was some confusion on our part at the time of my discussion concerning the origin of the radiopharmaceuticals used at Shenandoah, Iowa. At this time the material is received from Syncor International in Kansas City. The material is delivered by courier to the hospital.

At the present time they do not anticipate using a generator. The request for generator was placed in the application in the event that the workload should increase to a point where a fulltime person would be justified and a generator would be needed.

If you have any questions concerning the above, please do not hesitate to call me or Mr. Gene Huddleston at Research Health Services.

Sincerely,

Emory Larimore
Radiological Physicist

EL/bc

cc: Gene Huddleston

RECEIVED

MAY 13 1985

REGION III

8506040240 850515
REG3 LIC30
14-18903-01 PDR

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Item #9: Instrumentation

APPENDIX C

1. Survey Meters

a. Manufacturer's name: Victoreen

Manufacturer's model number: Thyac III

Number of instruments available: One

Minimum range: 0.0 mr/hr to 0.2 mr/hr

Maximum range: 0.0 mr/hr to 20.0 mr/hr

b. Manufacturer's name: *VICTOREEN*

Manufacturer's model number: *740-F*

Number of instruments available: *one*

Ranges:

Minimum range *0.0* mr/hr to *25* mr/hr

Maximum range *0.0* mr/hr to *25,000* mr/hr

Date: 3/9/85