



# St. Joseph Hospital

A Health Care Center Dedicated To Serving The Community

July 12, 1982

2nd

*Response*

*Lic. Nos. 24-11858-01  
24-11858-02*

D. G. Wiedeman, Acting Chief  
Materials Radiation Protection  
Section 1  
U.S. Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Re: License No. 24-11858-01  
License No. 24-11858-02  
Inspection report reply

Dear Mr. Wiedeman:

This is in response to your letter dated June 2, 1982 regarding the above referenced license inspections. In late June we had requested an extension of the usual 30 day response period due to mail delays and vacations of key personnel involved in these programs at our facility.

Regarding the concern expressed in your cover letter about the dose calibrator daily constancy checks, we were using our Cs-137 standard to show constancy of readings on the other calibrator modules for radionuclides that we actually use. Although we believe daily validity of precision was assured by the method, we ordered and have received a Cs-137 module for our dose calibrator to perform a continuing point check for accuracy, as well as for daily constancy checks.

Regarding the three items of apparent non-compliance on the two licenses:

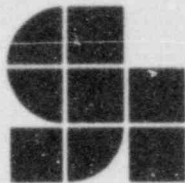
1. Survey readings of the adjacent rooms to a radionuclide therapy patient were overlooked in one I-131 therapy case in February 1979. However, since that time, we have been performing and documenting adjacent room surveys in such therapy cases. Therefore, we are in compliance at this time. To assure continuing compliance, we have reminded the personnel involved of the importance of this documentation.

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Kirkwood, Missouri 63122  
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2. Our Radiation Safety Officer has instructed our nuclear technologists to perform the collection bag method of monitoring our Xe-133 gas trap efficiency, as stated in our license conditions, rather than the vial method. This latter method was reported as an efficient alternate for this check procedure in a nuclear technology journal. We will be in strict license compliance with this item when the next gas trap checks are due. Should there be any technical difficulties with returning to the former method of gas trap checks, we would submit a license amendment application for any specific alternate check procedure that would be proposed by our nuclear staff.
3. We have asked Picker to verify that the installation, inspection and servicing of the Picker C8/M80 teletherapy unit has been properly performed by Alpha-Omega Services, Inc. We expect that verification or corrective action to be performed within the next 30 days, at which time we will be in compliance on this item. To assure continuing compliance, we will have Picker or persons specifically authorized by the Commission or an Agreement State to perform these services for us in the future.

We trust these explanations and corrective actions will be deemed adequate to cover the information requested in your letter.

Thank you.

Sincerely,

(Mrs.) Jean B. Barbata  
Vice President

/jlg

cc: Sister Catherine Durr  
John D. Lauer, M.D.  
Sister Carol Olson