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METHODIST HOSPITAL
OF INDIANA, INC.

January 4, 1983

Francis A. St. Mary
Material Licensing Branch
Division of Fuel Cycle and
Material Safety
Region III, Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Re: Control No. 13018

In response to your letter of December 9, 1982, requesting additional information regarding the results of a radiation survey of Methodist Hospital's Cobalt-60 teletherapy unit, we submit the following:

1.
 - a. Manufacturer's name and model number of the dosimetry system used to measure the teletherapy unit output: Keithley Electrometer, Model # 35025 and Capintec Chamber, Model # PR-06.
 - b. Dosimetry system calibration: the dosimetry system calibration was completed on September 8, 1981 by the Regional Calibration Laboratory, M.D. Anderson Hospital and Tumor Institute, Houston, Texas.
2. The roof area over the teletherapy unit and the procedures for restricting this area remain as described in our letter of August 28, 1978.
3. Tests conducted to determine that the interlock system operates in accordance with the requirements of Condition 17 of our license:
 - a. The treatment unit was turned on, the door was opened and the interlock caused the unit to return to the "off" status.
 - b. With the door remaining open, an attempt was made to restart treatment but the source remained in the "off" position.

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INSPECTION AND ENFORCEMENT

1604 NORTH CAPITOL AVENUE, INDIANAPOLIS, INDIANA 46202

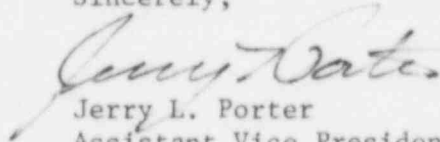
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January 4, 1982
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- c. After closing the door, the source would not return to the "on" position until after the unit was reset and then turned on.

Thank you for your consideration in this matter and if you have further questions please let me know.

Sincerely,



Jerry L. Porter
Assistant Vice President, Operations

JLP/lsm