

NOV 17 1982

Bartholomew County Hospital  
ATTN: Robert Borczon  
Executive Director  
2400 East Seventeenth Street  
Columbus, IN 47201

License No. 13-01631-05 30-00193  
License No. ~~12~~-01631-06 30-01597  
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Gentlemen:

This refers to the routine safety inspection conducted by Mrs. T. L. Simmons and Mr. J. R. Mullauer of this office on November 3 and 4, 1982, of activities authorized by NRC Byproduct Material Licenses No. 13-01631-05 and No. 13-01631-06 and to the discussion of our findings with you, Paula Wright and Gary Folkman at the conclusion of the inspection.

The inspection was an examination of activities conducted under your license as they relate to radiation safety and to compliance with the Commission's rules and regulations and with the conditions of your license. The inspection consisted of a selective examination of procedures and representative records, observations, independent measurements, and interviews with personnel.

This inspection also included a measurement of the output of your teletherapy equipment. Our measurement was made using a Victoreen Model 570 Condenser R-Meter with Model 621 chamber, calibrated by the National Bureau of Standard Laboratory. The source-to-chamber center distance was 80 centimeters and the field size used was 10 by 10 centimeters. After applying standard correction factors for temperature, pressure, attenuation, timer error, and roentgen-to-rad conversion, our measurement of the output of your teletherapy equipment was 64.7 rads per minute. The most recent spot check of your teletherapy equipment, conducted on October 17, 1982, reported a measured output for the same exposure parameters of 65.5 rads per minute. Applying a correction factor to account for 18 days decay, the value calculated from the October 17, 1982, calibration becomes 65.1 rads per minute.

Based on the close agreement in measured output values, we feel the actual output of your teletherapy equipment to be within established guidelines of  $\pm 5$  percent.

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13-01631-06 PDR

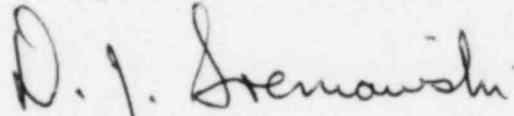
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No items of noncompliance with NRC requirements were identified during the course of this inspection.

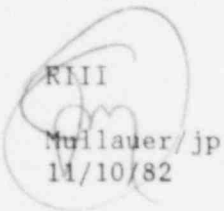
We will gladly discuss any questions you have concerning this inspection.

Sincerely,



D. J. Sreniawski, Chief  
Materials Radiation Protection  
Section 2

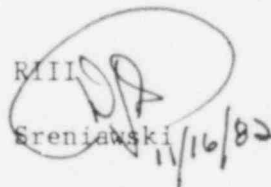
cc: Gary Folkman, Radiation  
Safety Officer  
DMB/Document Control Desk (RIDS)



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