

30-422

FEB 10 1983

Hoffman, Birmingham and Associates,
Inc.

License No. 34-07691-01

ATTN: Neung Soo Kim, M.D.
Radiation Safety Officer

40 Clay Street
P.O. Box 757
Tiffin, OH 44883

Gentlemen:

This refers to the routine safety inspection conducted by Messrs. W. J. Slawinski and W. P. Reichhold of this office on January 28, 1983, of activities authorized by NRC Byproduct Material License No. 34-07691-01 and to the discussion of our findings with you and Patricia Shertzer 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 Standards Laboratory. The source to treatment table distance was 80 centimeters and the field size used was ten by ten centimeters. After applying standard correction factors for temperature, pressure, attenuation, timer error, roentgen-to-rad conversion, our measurement of the output of your teletherapy equipment was 62.9 rads per minute. The most recent monthly spot check of your teletherapy equipment, conducted on January 17, 1983, reported a measured output for the same exposure parameters of 61.7 rads per minute. Applying a correction factor to account for 11 days decay, the value calculated for the January 17, 1983, spot check becomes 61.5 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 ± 5 percent.

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

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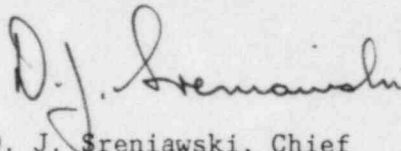
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We will gladly discuss any questions you have concerning this inspection.

Sincerely,



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

cc: DMB/Document Control Desk (RIDS)

R111

MR
Slawinski/jp
2/8/83

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MR
Reichhold

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MR
Sreniawski
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