

JAN 14 1983

35-7514
 License: 35-13058-02

Shawnee Medical Center Hospital
 ATTN: Leon Noss, Administrator
 1102 West MacArthur Road
 Shawnee, Oklahoma 74801

Gentlemen:

This refers to the routine safety inspection conducted by Mr. C. A. Hooker of this office on December 13-14, 1982, of the activities authorized by NRC Byproduct Material License 35-13058-02, and to the discussion of our findings held by the inspector with members of your staff at the conclusion of the inspection.

The inspection was an examination of the activities conducted under the license as they relate to radiation safety and to compliance with the Commission's rules and regulations, and the conditions of the license. The inspection consisted of selective examinations of procedures and representative records, interviews of personnel, independent measurements, and observations by the inspector. In addition, the output of your teletherapy equipment was measured and the measurements and recommendations of your consultant were reviewed.

Our measurement of the output of your teletherapy equipment (using a Victoreen R-Meter and associated Model 621 chamber calibrated by a regional calibration laboratory) was in agreement with the values obtained for the same exposure parameter during the most recent full calibration of your equipment. Our value for the exposure rate on December 14, 1982, was 134.7 R per minute, which varies from your value of 138 R per minute by 2.39 percent. This variation is well within our established guidelines of ± 5 percent.

No violations of NRC requirements were found during this inspection.

MRPS *CAA*
 CHooker:jd
 1/11/83

MRPS *J*
 JEvettt
 1/11/83

TPB *gy*
 GBRown
 1/11/83

DDV&TP *for*
 RBangart
 1/12/83

RA/RIV *for*
 JCollins
 1/13/83

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 NMS LIC30
 35-13058-02 PDR

IE07

Shawnee Medical Center Hospital

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Should you have any questions concerning this letter, we will be pleased to discuss them with you.

Sincerely,

Glen D. Brown, Chief
Technical Programs Branch

bcc: c/o DMB (IE07)
AEOD/NR
IE/DFMS/FFMB01
IE/RSB
NMSS
NRC PDR

bcc: RIV
J. Collins
R. Bangart
Inspector
RIV File

