

NOTICE OF VIOLATION

Borgess Medical Center  
Kalamazoo, Michigan

License No. 21-12275-01

As a result of the inspection conducted on December 4, 1989, and in accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C, (1989) (Enforcement Policy) the following violations were identified:

1. 10 CFR 35.615(d)(3) requires that the radiation monitor must be checked with a dedicated check source for proper operation each day before the teletherapy unit is used for treatment of patients.

Contrary to the above, on November 20, 1989, October 26, 1989, and October 4, 1989, the radiation monitor was not checked with any check source for proper operation. Further, since approximately January 1989, the radiation monitor has been checked for proper operation at the end of the treatment day rather than before the unit was used to treat patients.

This is a Severity Level IV violation (Supplement VI).

2. 10 CFR 35.610(a) requires the licensee to post safety instructions at the teletherapy unit console. These instructions must inform the operator of specific procedures to follow to ensure that only the patient is in the room prior to turning the beam on and procedures to follow when the primary beam of radiation cannot be turned off with controls outside the treatment room or any other abnormal occurrence.

10 CFR 35.610(c) requires the licensee to maintain records of instruction provided to individuals who operate a teletherapy unit. This training is to include those topics identified in Paragraph (a) of this section.

Contrary to the above, since approximately October 1989, safety instructions were not posted at the teletherapy unit console as required. Further, as of December 4, 1989, records of instruction provided to individuals in 1988 and 1989 who operate the teletherapy unit were not maintained.

This is a Severity Level IV violation (Supplement VI).

Pursuant to the provisions of 10 CFR 2.201, you are required to submit to this office within thirty days of the date of this Notice a written statement or explanation in reply, including for each violation: (1) the corrective steps that have been taken and the results achieved; (2) the corrective steps that

will be taken to avoid further violations; and (3) the date when full compliance will be achieved. Consideration may be given to extending your response time for good cause shown.

December 26, 1989  
Dated

Roy J. Caniano  
Roy J. Caniano, Chief  
Nuclear Materials Safety  
Section 2