

APPENDIX

NOTICE OF VIOLATION

Department of the Army  
Evans Army Community Hospital  
Fort Carson, Colorado

Docket No. 30-29534/90-01

License No. 05-26854-01

During an NRC inspection conducted on September 13, 1990, violations of NRC requirements were identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1990), the violations are listed below:

- A. 10 CFR 35.22(b)(6) requires the radiation safety committee to review annually, with the assistance of the radiation safety officer, the radiation safety program.

Contrary to the above, the inspector determined that a radiation safety program review of the licensee's nuclear medicine department had not been performed for 1988 and 1989.

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

- B. 10 CFR 35.59(b)(2) requires, in part, a licensee in possession of a sealed source to test the source for leakage at intervals not to exceed 6 months.

Contrary to the above, the inspector determined that the licensee had not performed leak tests between February 17, 1988, and September 24, 1989, for sealed sources (Cs-137, 252  $\mu$ Ci, Amersham CDR.5623814, and Ba-133, 286  $\mu$ Ci, Amersham BDR.562 2499 MA).

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

- C. 10 CFR 35.205(c) requires that before receiving, using, or storing a radioactive gas, the licensee shall calculate the amount of time needed after a spill to reduce the concentration in the room to the occupational limit listed in Appendix B to Part 20 of this chapter. The calculation must be based on the highest activity of gas handled in a single container, the air volume of the room, and the measured available air exhaust rate.

Contrary to the above, the inspector determined that the licensee had never performed the calculation to determine the amount of time needed after a spill of Xe-133 to reduce the concentration in the room to the occupational limit up to the time of this inspection on September 13, 1990. Xe-133 procedures had been performed during this period.

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

Pursuant to the provisions of 10 CFR 2.201, Evans Army Community Hospital is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, D.C.

9010310043 901015  
REG4 LIC30  
05-26854-01 PDC

20555 with a copy to the Regional Administrator, Region IV, within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation" and should include for each violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and (4) the date when full compliance will be achieved. If an adequate reply is not received within the time specified in this Notice, an order may be issued to show cause why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time. Under the authority of Section 182 of the Act, 42 U.S.C. 2232, this response shall be submitted under oath or affirmation.

Dated at Arlington, Texas  
this 15th day of October 1990