NOTICE OF VIOLATION

Pemiscot County Medical Center
Hayti, Missouri

License No. 24-17486-01

As a result of the inspection conducted on November 21, 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 19.12 requires that individuals who work in or frequent restricted areas will be instructed in certain specified areas including all terms of the license, pertinent NRC regulations, potential hazards associated with radioactive material, and appropriate radiological safety procedures.

   Contrary to the above, from June 1988 through the date of the inspection, the licensee failed to provide instruction to a nuclear medicine technologist in the areas specified in 10 CFR 19.12 including all terms of the license, pertinent NRC regulations, potential hazards associated with radioactive material, and appropriate radiological safety procedures.

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

2. 35.22(a)(2) requires that the Radiation Safety Committee must meet at least quarterly.

   Contrary to the above, the licensee's Radiation Safety Committee failed to meet at least quarterly. Specifically, the Committee failed to meet during the third quarter of 1988 and the third quarter of 1989.

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

3. 10 CFR 35.50(b) requires that the licensee shall (1) check each dose calibrator for constancy with a dedicated check source at the beginning of each day of use and (2) test each dose calibrator for linearity upon installation and at least quarterly thereafter over the range of its use between the highest dosage administered and 10 microcuries.

   Contrary to the above, the licensee failed to (1) check their dose calibrator for constancy on November 8, 1988, although material was used on that day; (2) test their dose calibrator for linearity during the third quarter of 1989; and (3) test their dose calibrator for linearity over the range of its use between the highest dosage administered and 10 microcuries for linearity checks conducted subsequent to October 13, 1988.

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

4. 10 CFR 35.70 requires that a licensee shall (1) survey with a radiation detection survey instrument at the end of each day of use all areas where radiopharmaceuticals are routinely prepared for use or administered and (2) survey for removable contamination once each week all areas where radiopharmaceuticals are routinely prepared for use or administered.

   Contrary to the above, the licensee failed to (1) survey with a radiation detection survey instrument all areas where radiopharmaceuticals are routinely prepared for use or administered for approximately six days in which material was used between July 12, 1989, and August 8, 1989, and (2) survey for removable contamination in all areas where radiopharmaceuticals are routinely prepared for use or administered for approximately nine weeks between August 28, 1989, and November 13, 1989.

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

5. License Condition No. 14 states that the license is based on the licensee's statements and representations listed in the application received August 18, 1988. Item 10.4 of the application received August 18, 1988, states that the licensee will establish and implement the model safety rules published in Appendix I of Regulatory Guide 10.8, Revision 2.

   Appendix I requires that finger exposure monitors be worn during preparation, assay, and injection of radiopharmaceuticals.

   Contrary to the above, from June 1988 through the date of the inspection, finger exposure monitors were not worn by personnel during preparation, assay, and injection of radiopharmaceuticals.

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

6. 10 CFR 35.92(b) requires that a licensee shall retain a record of each decay-in-storage disposal.

   Contrary to the above, the licensee failed to retain a record of each decay-in-storage disposal made between August 18, 1989, and the date of the inspection.

   This is a Severity Level V 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 23, 1989
Dated

Roy J. Caniano for
Bruce S. Mallett, Chief
Nuclear Materials Safety
Branch

Enclosure 2

AREAS OF CONCERN

1. The licensee's Radiation Safety Officer (RSO) does not appear to be actively involved with the radiation safety aspects of the nuclear medicine program. The NRC is concerned with this lack of RSO involvement in the specific operations of the licensed program since at least July 1989. Many of the current violations could possibly have been avoided had the RSO played a more active role in the program during this timeframe.

2. There does not appear to be sufficient management oversight of the nuclear medicine program due to the fact that the licensee's management appears to have very limited knowledge about the NRC license and regulations. The NRC is concerned over this since management is ultimately responsible for the licensed program.

3. There does not appear to be anyone knowledgeable about the NRC license and regulations overseeing the day-to-day operations of the nuclear medicine program. The NRC is concerned that this lack of daily oversight could result in more significant health and safety issues if not corrected.