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MAR 23 1994

Nuclear Diagnosis, Inc.
ATTN: Lynn N. Carlton, M.D.
Radiation Safety Office
P.O. Box 3371
Springfield, MO 65808

License No. 24-17561-01
Docket No. 030-12966

Dear Dr. Carlton:

This refers to the routine safety inspection conducted by Mr. David Nelson of this office on March 4, 1994, of activities authorized by NRC Byproduct Material License No. 24-17561-01 and to the discussion of our findings with Jerry Harris 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.

During this inspection, certain of your activities were found to be in violation of NRC requirements, as specified in the enclosed Notice. A written response is required. In evaluating the root cause and identifying corrective actions for the violations identified in your hot lab facility, consider whether those causal factors may extend to your mobil service and also establish appropriate corrective actions for that program area.

In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter, the enclosure, and your response to this letter will be placed in the NRC Public Document Room.

The response directed by this letter and the accompanying Notice are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

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

Sincerely,

Original Signed by John D. Jones for
John A. Grobe, Chief
Nuclear Materials Inspection
Section 2

Enclosure: Notice of
Violation

bcc: PUBLIC

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TWN *[Signature]*
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