



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

NOV 29 2005

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

Dear Dr. Carlton:

Enclosed is Amendment No. 54 amending your NRC Material License No. 24-17561-01 in accordance with your request. Please note that the changes made to your license are printed in **bold** font.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

Please note, based upon the close-out survey results in the letter dated August 31, 2005, we have authorized the release of the scan room at St. John's Breech Medical Center, 100 Hospital Drive, Lebanon, Missouri, and the hot laboratory at Physicians Office Building, 120 Hospital Circle, Suite 100, Lebanon, Missouri, for unrestricted use.

Also note, we have added a license condition that limits your possession of byproduct materials to quantities that do not require decommissioning financial assurance.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. The enclosed license document is exempt from public disclosure in accordance with 10 CFR 2.390, because its disclosure to unauthorized individuals could present a security vulnerability."

Sincerely,

A handwritten signature in cursive script that reads "William P. Reichhold".

William P. Reichhold
Materials Licensing Branch

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

Enclosure: Amendment No. 54