

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Nuclear Diagnosis, LLC 3103 East Fairground Loop Spearfish, SD 57783 REPORT NO: 2010-001	2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region IV, 612 East Lamar Blvd, Suite 400 Arlington, Texas 76011-4125	
3. DOCKET NUMBER 030-35934	4. LICENSE NUMBER 40-27719-01	5. DATE OF INSPECTION MAY 19, 2010

LICENSEE:
 The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy to exercise discretion, were satisfied.
- Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(s):

4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

FAILURE TO CALIBRATE INSTRUMENTATION IN ACCORDANCE WITH nationally recognized standards or the manufacturer's instructions. Specifically, BOTH DOSE CALIBRATORS (CRC-7 SN 71108 + CRC-15W SN 170326) were missing quarterly linearity checks for the first & third quarters of 2009 AND third quarter 2006. Licensee will revise operations & procedures manual to include all instrumentation including the DOSE CALIBRATORS

Licensee's Statement of Corrective Actions for Item 4, above.

I hereby state that, within 30 days, the actions described by me to the inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

Title	Printed Name	Signature	Date
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	Lawrence Donovan	<i>Lawrence Donovan</i>	5/19/2010

Non-Public
 Sensitive - Security-Related
 Public
 Non-Sensitive