

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<p>1. LICENSEE/LOCATION INSPECTED: CDL Nuclear Technologies, Inc. 6400 Brooktree Court, Suite 320 Wexford, PA 15080 (Inspection at Oak Hill, WV location of use) REPORT Nos 2009001</p>	<p>2. NRC/REGIONAL OFFICE  U.S. Nuclear Regulatory Commission Region I, 475 Allendale Road King of Prussia, Pennsylvania 19406-1415</p>
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3. DOCKET NUMBER(S) 03033422	4. LICENSE NUMBER(S) 37-30120-01	5. DATE(S) OF INSPECTION May 14-Oct 16, 2009
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**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, NUREG-1600, to exercise discretion, were satisfied.

Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(s):

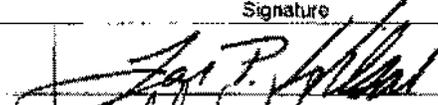
4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

10 CFR 20.1901(b) requires that the licensee ensure that instruments and equipment used for quantitative radiation measurements are calibrated periodically for the radiation measured.

Contrary to the above, as of May 14, 2009, instruments and equipment used for quantitative radiation measurements were not adequately calibrated for the radiation measured. Specifically, the licensee used a well counter to monitor the external surfaces of labeled packages for radioactive contamination, as required by 10 CFR 20.1908(b); however, the calibration of the well counter was not valid because the well counter configuration was not controlled. While the licensee would have been able to detect radioactive contamination, without confirming a valid calibration, it is unknown whether the well counter would have detected removable radioactive surface contamination exceeding the limits of 10 CFR 71.87(i). Surface contamination exceeding these limits requires immediate notification of the final delivery center and the NRC Operations Center. (Continued on Part 2)

**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	Lon Patrick Wilson, President & RSO		10/16/09
NRC INSPECTOR	Todd J. Jackson, CHP		10/16/2009