

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Radiological Physics Service  
3839 Naber Road  
Plymouth, MI 48170

2. NRC/REGIONAL OFFICE

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
2443 WARRENVILLE ROAD  
LISLE, IL 60532

REPORT

2006-001

3. DOCKET NUMBER(S)

030-31952

4. LICENSEE NUMBER(S)

21-26253-01

5. DATE(S) OF INSPECTION

February 22, 2006

## 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.

At 3162 MARTIN Rd.  
Commerce Twp, MI



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.

(Violations and Corrective Actions)

## 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

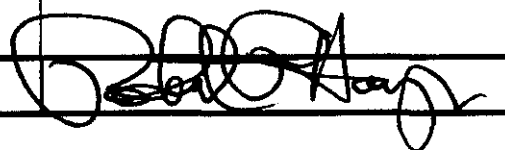
Date

LICENSEE'S

REPRESENTATIVE

NRC INSPECTOR

Robert P. Hays

 2/22/06

(10-2003)  
10 CFR 2.201**Docket File Information**  
**SAFETY INSPECTION REPORT**  
**AND COMPLIANCE INSPECTION**

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|--|---|--|--|
| 1. LICENSEE<br><b>Radiological Physics Service</b><br>REPORT NUMBER(S) <b>2006-001</b> |   | 2. NRC/REGIONAL OFFICE<br><b>Region III</b>          |  |
| 3. DOCKET NUMBER(S)<br><b>03031952</b>   | 4. LICENSE NUMBER(S)<br><b>21-26253-01</b>        | 5. DATE(S) OF INSPECTION<br><b>February 22, 2006</b> |  |
| 6. INSPECTION PROCEDURES USED<br><b>87126</b>  | 7. INSPECTION FOCUS AREAS<br><b>03.01 - 03.07</b> |  |  |

**SUPPLEMENTAL INSPECTION INFORMATION**

|                                    |                         |   |  |
|------------------------------------|-------------------------|---|--|
| 1. PROGRAM CODE(S)<br><b>03225</b> | 2. PRIORITY<br><b>5</b> | 3. LICENSEE CONTACT<br><b>Ray Carlson</b> | 4. TELEPHONE NUMBER<br><b>734-455-7430</b> |
|------------------------------------|-------------------------|---|--|

|  |  |
|--|--|
| <input type="checkbox"/> Main Office Inspection  | Next Inspection Date: <b>February 2011</b> |
| <input checked="" type="checkbox"/> Field Office <b>3162 Martin Road, Commerce TWP, MI</b> |  |
| <input type="checkbox"/> Temporary Job Site  |  |

**PROGRAM SCOPE**

The licensee is a health physics consultation service which includes providing leak-test analysis and radiation detection instrument calibrations. The licensee is authorized to possess: (1) 165 millicuries of cesium-137 as a Technical Operations Model 77032 sealed source used in a Technical Operations Model 773 calibration device for commercial calibration of radiation detection instruments; (2) any byproduct material with Atomic Nos. between 3-83 inclusive as analytical samples for possession incident to the performance of leak testing and analysis of customer's sealed sources; (3) a total activity of 30 millicuries each of cesium-137 or barium-133 as a sealed source used for instrument calibration; (4) a total activity of 50 millicuries of americium-241 as a sealed source used for instrument calibration; (5) a total activity of 5 millicuries of cobalt-60 as a sealed source used for instrument calibration; and (6) 50 millicuries of technetium-99m in any form as a transmission source for testing the adequacy of shielding material. The licensee is authorized to use licensed material at three locations as specified on the license, with a total of four authorized users. There is no radiation safety officer specified on the license.

**Performance Observations**

During the inspection at 3162 Martin Road, Commerce Twp, (Walled Lake) MI, the staff of Medi-Nuclear Corp. demonstrated/discussed: (1) radiation surveys; (2) removable contamination surveys; (3) package receipt, handling, and shipping procedures; (4) transportation of packages; (5) storage location; (6) sealed source and isotope inventories; and (7) security of licensed material.