



*Docket File Information*  
**SAFETY INSPECTION REPORT  
AND COMPLIANCE INSPECTION**

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

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) <b>03225</b>	2. PRIORITY <b>5</b>	3. LICENSEE CONTACT <b>Ray Carlson</b>	4. TELEPHONE NUMBER <b>734-455-7430</b>
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Main Office Inspection      Next Inspection Date: **February 2011**

Field Office      **3162 Martin Road, Commerce TWP, MI**

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.