



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

1. LICENSEE <b>Illiana Medical Institute</b> REPORT NUMBER(S) <b>2004-001</b>		2. NRC/REGIONAL OFFICE <b>Region III</b>	
3. DOCKET NUMBER(S) <b>030-36594</b>	4. LICENSE NUMBER(S) <b>13-32519-01</b>	5. DATE(S) OF INSPECTION <b>12/ 21 /2004</b>	
6. INSPECTION PROCEDURES USED <b>87130</b>	7. INSPECTION FOCUS AREAS <b>03.01 - 03.07</b>		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) <b>02201</b>	2. PRIORITY <b>5</b>	3. LICENSEE CONTACT <b>Domenico Lazzaro, M.D, RSO</b>	4. TELEPHONE NUMBER <b>(219) 924-1300</b>
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Main Office Inspection      Next Inspection Date: **8/2009**

Field Office **I**

Temporary Job Site

**PROGRAM SCOPE**

The licensee is a medical facility located in Munster, Indiana, with authorization to use byproduct materials in 10 CFR Parts 35.100 and 35.200 only. Licensed activities were conducted at 701 Superior Ave., Munster, IN as indicated in the license. The nuclear medicine department was staffed with one full-time nuclear medicine technologist. The licensee's nuclear medicine staff typically administer 1 diagnostic dose/day. The diagnostic procedures were predominately technetium-99m doses for heart, bone, liver, thyroid and gall bladder. The department received daily unit doses as needed from a licensed nuclear pharmacy. All waste was returned to the radiopharmacy or held for 10 half-lives then disposed as non-radioactive waste.. This was an initial inspection, therefore the licensee did not have a history of extremity dose and wholebody exposure.

**Performance Observations**

During the inspection, the licensee's staff demonstrated: (1) a daily radiation survey; (2) a weekly removable contamination survey; (3) a package receipt and return survey; and (4) a daily dose calibrator constancy check. The inspector observed the technologist perform a constancy test on the dose calibrator. The inspector performed independent and confirmatory radiation measurements which indicated similar results as noted in the licensee's survey records, < 2 mR/hour in the unrestricted areas around the nuclear medicine facility. All sealed sources are leak tested every 6-months by the licensee's consultant, all results were <.005 microcuries of removable contamination.

No violations of NRC requirements were identified.