

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

1. LICENSEE Optima Heartcare, Inc. REPORT 2006-001		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-36987		4. LICENSE NUMBER(S) 24-32584-01	5. DATE(S) OF INSPECTION February 8, 2006
6. INSPECTION PROCEDURES USED 87130		7. INSPECTION FOCUS AREAS 03.01-03.07	
SUPPLEMENTAL INSPECTION INFORMATION			
1. PROGRAM 2121	2. PRIORITY G5	3. LICENSEE CONTACT John Raabe, MD., RSO	4. TELEPHONE NUMBER 314-965-3023
<input checked="" type="checkbox"/> Main Office Inspection	<input type="checkbox"/> Field	<input type="checkbox"/> Temporary Job Site	Next Inspection Date: February 2011

PROGRAM SCOPE

This clinic performs approximately 40 diagnostic cardiology procedures monthly using primarily Tc99m Cardiolite with occasional thallium-201. One full-time technologist currently performs all patient procedures. Generators are not received and all material is obtained from an area nuclear pharmacy in the form of unit doses. The licensee became operational under this license on 8/24/05. An outside consultant performs quarterly audits which appears to adequately maintain program compliance.

Performance Observations

Interviews conducted with the technologist revealed an adequate level of understanding of emergency and material handling procedures and techniques. Dose calibrator constancy checks, daily surveys, waste handling and disposal and injection technique were successfully described or demonstrated.

Licensed material was observed adequately secured during the review and was not readily accessible to members of the general public. According to the technologist, the hot-lab area is locked when not under direct surveillance. Additionally, the overall building is locked after 6:00pm with key-pad access needed for re-entry.

Independent measurements taken indicated a maximum reading of 0.08mr/hr in the hot-lab area and essentially background (0.02mr/hr) in the imaging and unrestricted areas.

Personal dosimetry records reviewed indicated whole-body readings for 2005 of 175 mRem and 730 mRem extremity.