

Docket File Information
SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION

1. LICENSEE LaPorte Hospital and Health Services REPORT NUMBER(S) 2007-001		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-08653	4. LICENSE NUMBER(S) 13-15151-01	5. DATE(S) OF INSPECTION April 17, 2007	
6. INSPECTION PROCEDURES 87130/87132	7. INSPECTION FOCUS AREAS 03.01- 07/ 03.01-03.07		
SUPPLEMENTAL INSPECTION INFORMATION			
1. PROGRAM 2120	2. PRIORITY G3	3. LICENSEE CONTACT James Hatten, RSO	4. TELEPHONE NUMBER 219-326-1234
<input checked="" type="checkbox"/> Main Office Inspection		Next Inspection Date: <u>April 2010</u>	
<input type="checkbox"/> Field		_____	
<input type="checkbox"/> Temporary Job Site		_____	

PROGRAM SCOPE

This active medical facility performs about 170 diagnostic nuclear medicine procedures monthly. The licensee receives unit doses from an area pharmacy. Three full-time and one part-time technologists are on staff. Approximately 12 lung ventilations are performed monthly using Tc99m DTPA aerosol. The licensee performs about 25 HTT procedures and two ablation treatments annually using iodine-131. No other radiopharmaceutical treatments are performed.

The licensee's conventional brachytherapy program is limited to approximately eight ultrasound guided iodine-125 seed implants annually. In addition, about two accelerator produced palladium-103 prostate seed implants are also performed annually.

Performance Observations

Interviews conducted with available nuclear medicine staff revealed an adequate level of understanding of emergency and material handling procedures and techniques. Patient injections observed included the use of gloves, personnel dosimetry, syringe shields and proper clothing. Area surveys, package surveys and wipes and dose calibrator constancy checks were demonstrated with no problems noted. Compliance audits are performed at least quarterly by a consultant which appear to adequately oversee licensed activities.

A random review of seed implant written directives included all required information and did not reveal medical or recordable events. Sealed source and implant seed inventories were adequately maintained and verified during the inspection. Area and patient surveys are performed following all implant procedures.

Personal dosimetry records were reviewed for 2006 and indicated whole-body and extremity readings of 109 mrem and 355 mrem respectively. YTD 2007 whole-body and extremity results for nuclear medicine indicated 41 mrem and 87 mrem respectively.

Overall, licensed material was observed under surveillance during the review and was not readily accessible to members of the general public. Independent measurements taken in the hot-lab area indicated 0.6 mr/hr and 0.02 mr/hr in imaging and other unrestricted areas. Background levels were approximately 0.01 mr/hr.