



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

1. LICENSEE <b>Harbor Beach Community Hospital</b> REPORT <b>2007-001</b>		2. NRC/REGIONAL OFFICE <b>Region III</b> <b>2443 Warrenville Road</b> <b>Lisle, IL 60532</b>	
3. DOCKET NUMBER(S) <b>030-37351</b>	4. LICENSE NUMBER(S) <b>21-32634-01</b>	5. DATE(S) OF INSPECTION <b>September 25, 2007</b>	
6. INSPECTION PROCEDURES <b>87131</b>	7. INSPECTION FOCUS AREAS <b>03.01-03.07</b>		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM <b>2200</b>	2. PRIORITY <b>G3</b>	3. LICENSEE CONTACT <b>Appa Rao Mukkamala, M.D., RSO</b>	4. TELEPHONE NUMBER <b>989-479-3201</b>
<input checked="" type="checkbox"/> Main Office Inspection		Next Inspection Date: <b>September 2010</b>	
<input type="checkbox"/> Field		_____	
<input type="checkbox"/> Temporary Job Site		_____	

**PROGRAM SCOPE**

This initial inspection was conducted at the location of use specified on the current license. The licensee is a small medical institution authorized to perform procedures as specified in 10 CFR 35.100, 35.200, and 35.300. Currently, the licensee performs about 20 diagnostic nuclear medicine procedures monthly involving primarily cardiac imaging. Licensed material is obtained from an area pharmacy in the form of unit doses. One full-time technologist is involved with daily program activities.

Although authorized, the licensee has not performed radiopharmaceutical treatments as specified in 10 CFR 35.300. A medical consultant is available quarterly to audit the existing program which appears to adequately oversee licensed activities. Nuclear medicine procedures are not performed each day, however, the technologist is on-site Monday-Friday, 7:00am-3:30 pm.

**Performance Observations**

Interviews conducted with available staff revealed an adequate level of understanding of emergency and material handling procedures and techniques. Daily dose calibrator checks, package surveys and wipes, area surveys, were demonstrated with no problems noted. A review of waste disposal records revealed that syringes and other radwaste is returned to the pharmacy or decayed in storage.

The licensee exchanges personal dosimetry monthly. A record review of dosimetry readings for 2006 revealed maximum whole body and extremity readings of 81 mrem and "M" respectively. YTD 2007 whole-body and extremity readings revealed 80 mrem and 90 mrem respectively.

Overall, licensed material was observed adequately secured and/or under surveillance during the review and was not readily accessible to members of the general public. Independent measurements taken in the hot lab area revealed 0.03 mr/hr behind the lead shield and essentially background (0.02mr/hr) in restricted and unrestricted areas.