

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

1. LICENSEE Botsford General Hospital REPORT 2008-001		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-02077	4. LICENSE NUMBER(S) 21-08892-01	5. DATE(S) OF INSPECTION Sept. 22, 2008	
6. INSPECTION PROCEDURES USED 87130 and 87131		7. INSPECTION FOCUS AREAS 03.01, 03.02, 03.03, 03.04, 03.05, 03.06, 03.07, and 03.08	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM 02120	2. PRIORITY G 3	3. LICENSEE CONTACT Stephan Morse, D.O., RSO	4. TELEPHONE NUMBER 248.471.8000
<input checked="" type="checkbox"/> Main Office Inspection		Next Inspection Date: <u>Sept. 2011</u>	
<input type="checkbox"/> Field		_____	
<input type="checkbox"/> Temporary Job Site		_____	

PROGRAM SCOPE

This licensee was a community hospital with authorization to use licensed material permitted by Sections 35.100, 35.200, and 35.300. The nuclear medicine department was staffed with three technologists who performed approximately 250+ diagnostic nuclear medicine procedures per month. The licensee received unit doses and bulk Tc-99m from a licensed radiopharmacy. The majority of the studies were bone, GI, cardiac, gall bladder, and lung imaging (using xenon and MAA). The hospital only administered iodine-131 for hyperthyroid treatments and whole body follow up scans (capsules only). The hospital administered about 20-25 I-131 thyroid treatments and 15-20 whole body scans annually. The hospital retained the services of a consulting physicist who conducted audits of the radiation safety program every calendar quarter.

This inspection consisted of interviews with licensee personnel, a review of select records, tour of the nuclear medicine department, and independent measurements. The inspector observed licensee personnel prepare, assay and administer one Tc-99m MAA dosage for a lung study.