

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: St. Alexis Hospital 3933 S. Broadway St. Louis, mo REPORT NUMBER(S) 2007-001		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Rd. Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-02303	4. LICENSE NUMBER(S) 24-01381-01	5. DATE(S) OF INSPECTION 9/19-20/07	

LICENSEE:
The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied.

_____ non-cited violation(s) were discussed involving the following requirement(s):

- 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

(Violations and Corrective Actions)

Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

TITLE	PRINTED NAME	SIGNATURE	DATE
LICENSEE			
NRC INSPECTOR	Robert G. Gattone, Jr.	Robert G. Gattone, Jr.	9/20/07

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION



1. LICENSEE/LOCATION INSPECTED: St. Alexius Hospital REPORT NUMBER(S) 2007-001		2. NRC/REGIONAL OFFICE REGION III	
3. DOCKET NUMBER(S) 03002303	4. LICENSE NUMBER(S) 24-01381-01	5. DATE(S) OF INSPECTION 9/19-20/07	
6. INSPECTION PROCEDURES USED 87131	7. INSPECTION FOCUS AREAS 03.01-03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02120	2. PRIORITY 3	3. LICENSEE CONTACT Jonathan Dehner, M.D., RSO	4. TELEPHONE NUMBER 314-865-7000
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Main Office Inspection Next Inspection Date: 09/20/2010

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

The licensee employed two full-time nuclear medicine technologists (NMT) to conduct licensed activities. Diagnostic imaging mostly included about three bone and cardiac studies per day. No generators were used. Iodine-131 was infrequently administered to outpatients for thyroid uptake studies and hyperthyroidism therapy. The licensee was preparing to amend its license to change the RSO.

Based on review of dosimetry records, the maximum whole body, extremity, and fetal doses received from 2004 through August 31, 2007, were 60 millirem, 180 millirem, and 7 millirem, respectively.

PERFORMANCE OBSERVATIONS

The inspector observed that licensed material was secured from unauthorized access, that the facility was as authorized in the license, an NMT demonstrate how the dose calibrator constancy check was done, an NMT demonstrate how package receipt surveys were done, that selected licensee survey instruments were calibrated as required, that the maximum exposure rate at selected surfaces in the hot lab and nuclear medicine department was 0.3 millirem per hour based on the inspector's independent survey, an NMT demonstrate radioactive spill response, an NMT demonstrate radioactive waste disposal via decay-in-storage, an NMT conduct a physical inventory of sealed sources to verify possession of all of the sources listed on the inventory record, an NMT demonstrate how iodine-131 was prepared and administered to patients, and an NMT demonstrate implementation of the licensee's procedures for administrations requiring a written directive.