

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Tawas St. Joseph Hospital
200 Hemlock
Tawas City, MI 48764-0659

REPORT NUMBER(S) 03002088/2014001

2. NRC/REGIONAL OFFICE

Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-17606

4. LICENSE NUMBER(S)

21-18979-01

5. DATE(S) OF INSPECTION

6/12/14

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, 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 in accordance with NRC Enforcement Policy. 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'S REPRESENTATIVE			
NRC INSPECTOR	Ken Lambert	<i>Ken Lambert</i>	6/12/14
BRANCH CHIEF	Aaron T. McCraw	<i>A. T. McCraw</i>	6/25/14

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Tawas St. Joseph Hospital 200 Hemlock Tawas City, MI 48764-0659 REPORT NUMBER(S) 03002088/2014001	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
-------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------

3. DOCKET NUMBER(S) 030-17606	4. LICENSE NUMBER(S) 21-18979-01	5. DATE(S) OF INSPECTION 06/12/2014
--------------------------------------	-----------------------------------------	--------------------------------------------

6. INSPECTION PROCEDURES USED 87131	7. INSPECTION FOCUS AREAS 03.03 - 03.09
--------------------------------------------	------------------------------------------------

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 2120	2. PRIORITY 3	3. LICENSEE CONTACT Chandler G. Veenhuis, D.O., RSO	4. TELEPHONE NUMBER (989) 362-3411
--------------------------------	----------------------	------------------------------------------------------------	-------------------------------------------

Main Office Inspection Next Inspection Date: 06/12/2017

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was a routine inspection of a small community hospital authorized for radioactive materials under 10 CFR 35.100, 35.200, and 35.300. The licensee employed 2 full time technologists who performed approximately 150 diagnostic studies per month; primarily cardiac stress tests, bone, renal, and gastric emptying. The licensee occasionally performed lung scans using xenon-133. The licensee received unit doses from a local nuclear pharmacy and 25 millicuries of bulk technicium-99m daily. The licensee also performed 1-2 thyroid uptake scans per month using I-123. Although authorized for 35.300 activities the licensee had not performed any activities since the last inspection. The licensee utilized a consultant health physics service who performed quarterly audits of the radiation safety program.

OBSERVATIONS AND FINDINGS

Licensed material was observed adequately secured within the hot lab during the inspection and was not readily accessible to members of the general public. Interviews conducted with the technologists revealed an adequate level of understanding of radiation safety practices and emergency procedures. The inspector reviewed dose calibrator daily checks, quarterly linearity and annual accuracy checks, package receipt surveys, daily and weekly surveys, waste handling and disposal records. The licensee's staff demonstrated daily dose calibrator checks, well counter, package receipt surveys, and daily and weekly surveys. The inspector observed a cardiac stress test injection to Tc-99m.

The licensee exchanged badges on a quarterly basis and used a NVLAP approved vendor. Records reviewed indicated that the maximum exposures were 113 millirem (mrem) deep-dose equivalent (DDE) and 210 mrem shallow-dose equivalent (SDE) for 2014 through May; 342 mrem DDE and 290 mrem SDE for 2013; 396 mrem DDE and 220 mrem SDE for 1012.

Independent measurements taken in the hot lab, imaging and unrestricted areas were comparable to the licensee's survey data.

No violations of regulatory requirements were identified.