		<u> </u>		U.S. NUCLEAR REGULAT	
(10-2003)					D o
SAFET	Y INSPECTION	REPORT AND C		SPECTION	XH ~
1. LICENSEE/LOCATION	NSPECTED:		2. NRC/REGIONAL OFFICE		Ų
Memorial Healthcare Center 826 West King Street Owosso, MI 48867			NUCLEAR REGULATORY COMMISSION		
			2443 WARRENVILLE ROAD, SUITE 210		
	0007 001		LR	SLE, IL 00532-4352	
HEPORT 2007-001 3. DOCKET NUMBER(S)		4. LICENSEE NUMBER(S)	5. DATE(S) OF INSPECTION		ISPECTION
030-02100		21-1	1475-01	October 30	2007
LICENSEE:					,
The inspection was an e Nuclear Regulatory Con of procedures and repre	examination of the activit nmission (NRC) rules an sentative records, interv e inspection findings, no lation(s) closed. h(s), specifically described and corrective action was	ies conducted under your d regulations and the cond iews with personnel, and d violations were identified. d to you by the inspector as or is being taken, and the	license as they relate to ra ditions of your license. The observations by the inspect mon-cited violations, are no remaining criteria in the NR	diation safety and to complia e inspection consisted of sele tor. The inspection findings a bot being cited because they we C Enforcement Policy, NURE	nce with the ctive examinations are as follows: are self-identified, G-1600, to
exercise discret	ion, were satisfied.		-		
	Non-Cited Violation(s)	was/were discussed involvi	ng the following requiremen	t(s) and Corrective Action(s):	
4. During this in cited. This form	nspection certain of your is a NOTICE OF VIOLA	activities, as described bel TION, which may be subjec	ow and/or attached, were in t to posting in accordance v	violation of NRC requirement with 10 CFR 19.11.	s and are being
(Violations	and Corrective Actions)				
	Licensee	's Statement of Corre	ctive Actions for Item	4, above.	
I hereby state that, within corrective actions is mad	30 days, the actions des le in accordance with the e will be achieved) Lund	cribed by me to the inspec requirements of 10 CFR 2 erstand that no further write	tor will be taken to correct to 201 (corrective steps alread en response to NRC will be	he violations identified. This s dy taken, corrective steps whic required, unless specifically r	tatement of ch will be taken, requested.
Title	Prin	ted Name	5	Signature	Date
LICENSEE'S REPRESENTATIVE			1		
NRC INSPECTOR	Robert P	Havs	- DUX	all_	intert-
NRC FORM 591M PART 1	(10-2003)	· · · · · · · · · · · · · · · · · · ·	Joan		10/30/07

	S. NUCLEAR REGULATORY COMMISSION					
Docket File Information SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION						
2. NRC/REGIONAL OFFICE						
Region III						
4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION					
21-11475-01	October 30, 2007					
03.01 - 03.07						
SUPPLEMENTAL INSPECTION INFORMATION						
B. LICENSEE CONTACT Saundra Boatwright, CNMT	4. TELEPHONE NUMBER 989/723-5211					
Next Inspection Date:	October 2010					
]					
PROGRAM SCOPE	<u></u>					
the decisity synotatic material permitted by to CFR 35.100, 35.200, 35.300, and 35.400, as implaint seeds, at the location specified on the license. The nuclear medicine department was staffed with three full-time nuclear medicine technologists (NMTs) and one part-time NMT. The NMT staff administered an average of 7 studies per day and averaged one lodine-131 therapy per month in capsule form. The diagnostic procedures were predominately technetium-99m cardiac, bone, and lung imaging. The nuclear medicine department received unit doses from an area nuclear pharmacy. Samarium-153 has been administered, but very infrequently. All waste was either held for decay-in-storage (DIS) or returned to the nuclear pharmacy as limited quantity shipments. The licensee's radiation therapy department (10 CFR 35.400) consists of authorized users and a medical physicist from McLauren Hospital authorized by the license to treat prostate patients, unable to travel to larger metro areas for treatment. Prostate patients are treated using Pd-103. Performance Observations During the inspection, the licensee's NMTs demonstrated/discussed: (1) survey meter use and calibrations; (2) package check-in procedures; (3) dosage prep and labeling; (4) wipe test counting; (5) dosimetry; (6) written directives; (7) waste handling; (8) sealed source inventories; (9) routine security of licensed material; (10) I-131 procedures; (11) dose calibrator tests; (12) radiation safety program audits; (13) seed therapy procedures; and (14) samarium-153 assay procedures.						
	Docket File Information SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION PROGRAM SCOPE SUPPLEMENTAL INSPECTION INFORMATION I. LICENSEE CONTACT SuppLemental INSPECTION INFORMATION I. LICENSEE CONTACT Saundra Boatwright, CNMT Next Inspection Date: PROGRAM SCOPE stitution located in Owosso, Michigan and permitted by 10 CFR 35.100, 35.200, 35.3 d on the license. Thent was staffed with three full-time nucl T. The NMT staff administered an average apy per month in capsule form. The diagr n cardiac, bone, and lung imaging. The r rea nuclear pharmacy. Samarium-153 ha as either held for decay-in-storage (DIS) shipments. py department (10 CFR 35.400) consists ren Hospital authorized by the license to o areas for treatment. Prostate patients <u>Performance Observations</u> msee's NMTs demonstrated/discussed: (kk-in procedures; (3) dosage prep and lat tives; (7) waste handling; (8) sealed sou (10) I-131 procedures; (11) dose calibrator rapy procedures; and (14) samarium-153					