NDC FORM SOIN PART 1		U	S. NUCLEAR REGULATOR	Y COMMISSION		
10 CFR 2.201						
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION						
1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE					
1 il No. HA - Merkinan		Region III				
Minity Meather Mercy Hospital		2443 Warrenville Road				
a/b/a contraction of the second		Lisle, Illinois 60532-4351				
REPORT 2007-00/						
3. DOCKET NUMBER(S)	4. LICENSEE NUM	BER(S)	5. DATE(S) OF IN	SPECTION		
020-D8159	21-14849-0)/	February 28.2	007		
			0			
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:						
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 Viola	Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(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 Actio	ns)		1	,		
(5'37 bracky therapy sources were not physically intentored at semi-						
inventory was performed on Oct. 10, 2003. Licensee staff misunderstool						
the requirement to inventory these sources which were in storage.						
te trensee will contruct a physical inventory by the end of						
the week of Feb. 26, 260%.						
the second of Operation Antions for Hom A should						
Licensee's Statement of Corrective Actions for item 4, above. 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	Si	gnature	Dale		
LICENSEE'S REPRESENTATIVE $C.W.L$	auclerbach, JR.	Moand	Macion	2/28/2007		
NRC INSPECTOR Deborah A	. Piskura	1 Ahol	ina	2/28/2007		
NHO FUNIN 391M FART 1 (10-200	<i>J</i> (<i>J</i>)					

BS.

NRC FORM 591M PART 3 (10-2003)			U.S. NUCLEAR REGULATORY COMMISSION		
10 CFR 2.201	Docket File	e Information			
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION					
1. LICENSEE		2. NRC/REGIONAL OFFICE			
Trinity Health-Michigan d/b/a St. Mary Mercy HospRegion IIIREPORT2007-0012443 Warrenville Road, Suite 210Lisle, IL60532					
3. DOCKET NUMBER(S) 030-08159	4. LICENSE NUME 21-14849-01	BER(S)	5. DATE(S) OF INSPECTION Feb. 28, 2007		
6. INSPECTION PROCEDURES USED 87130, 87131, 87132	7. INSPECTION FOCUS AREAS 03.01, 03.02, 03.03, 03.04, 03.05, 03.06, 03.07, and 03.08		03.07, and 03.08		
S	UPPLEMENTAL INSP	ECTION INFORMATION			
1. PROGRAM CODE(S) 2. PRIORITY 02120 G 3	3. LICENSEE CONTACT Nader Mohtadi, M	1.D., RSO	4. TELEPHONE NUMBER 734.655.4800		
X Main Office Inspection	Next Inspection Date: Feb. 2010				
Field					
Temporary Job Site					
PROGRAM SCOPE					
 Inis licensee was a medical institution, authorized to use licensed material permitted by Sections 35.100, 35.200, 35.300, and 35.400. The nuclear medicine department was staffed with five technologists who performed approximately 350 diagnostic nuclear medicine procedures per month. The licensee received unit doses and bulk Tc-99m from a licensed radiopharmacy. The hospital performed a full spectrum of nuclear diagnostic imaging studies. Typically, in a year, the hospital administered 1-2 iodine-131 thyroid carcinoma therapies, 20 hyperthyroidism treatments, and 1-2 whole body CA follow up studies. The hospital obtained its I-131 in capsule form. The department administered 1-2 Sm-153 dosages annually. The licensee retained the services of a consulting physicist to audit the nuclear medicine radiation safety activities on a quarterly basis. The radiation therapy department was staffed with 1 contract medical physicist, 1 dosimetrist, and 2 physicians (authorized users). The department used I-125, Pd-103, and Cs-131 for permanent prostate implants to treat approximately 80 cases per year. Every other year, the licensee used Ir-192 seeds in ribbon for temporary lung implants (last case 12/2005). The licesee returned the Ir-192 seeds to the manufacturer after completion of the treatment. The oncology department possessed 7 Cs-137 tube sources however the licensee had not used its Cs-137 sources for temporary implants since 2002. This inspection consisted of interviews with licensee personnel, a review of selected records, tours of the nuclear medicine personnel prepare, assay and administer several unit doses for cardiac imaging procedures. The inspection included observations of security of byproduct material, use of personnel monitoring, dose calibrator QA checks, package receipts and surveys, and area surveys. 					
source inventories of the Cs-137 brachytherapy sources at semi-annual intervals, as required by Section 35.67(g). The physical inventory was last performed on 10/10/2003. The hospital staff failed to recognize that although the sources had not been used since 2002 and remained in secured storage, the licensee was still required to perform semi-annual physical inventories. The staff confused the provisions in Section 35.67(f) which allows the licensee not to perform leak tests on sealed sources in storage. The staff erroneously believed that since their sources were "in storage" they were not required to perform semi-annual physical inventories as well. Since the authorized medical physicist was not on site during the inspection to perform an immediate inventory, the licensee committed to add a reminder to the department calender. On 3/2/2007, the medical physicist informed the inspector that he performed an inventory of all sources within the cesium safe and he accounted for all sources.					

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