NRC FORM 591X PAR	₹Т 1		U	J.S. NUCLEAR REGULAT	FORY COMMISSION	
(5-2002) 10 CFR 2.201	CAFETY INCOL		CAND COMBLIAN	OF INCREATION	9	
OCATION			TAND COMPLIANC	JE INSPECTION		
1. Licensee/Location Cardinal Health	INSPECTED:	I	2. NRC/REGIONAL OFFICE			
5370 Miller Road	Ł	!	REGION III	TOTAL COMMISSION		
Swartz Creek, M	.1			US NUCLEAR REGULATORY COMMISSION 2443 WARRENVILLE ROAD LISLE, IL 60532		
REPORT	2006-017					
3. DOCKET NUMBER(S)	<del>-</del> :	4. LICENSEE NUMBER(S)		5. DATE(S) OF INSPECTION	N	
030-36973 LICENSEE:		34-29200-01MD		July 28, 2006		
The inspection was an environment of procedures and repression of procedur	mmission (NRC) rules an esentative records, intervithe inspection findings, no iolation(s) closed.  on(s), specifically describetive, and corrective action iscretion, were satisfied.  Non-Cited Violation(s) versions is considered to the constant of the c	nd regulations and the concrews with personnel, and convious with personnel, and conviously were identified.  The detection of the concrete was or is being taken, and was/were discussed involving the conviously was activities, as described below.	license as they relate to radia ditions of your license. The in observations by the inspector as non-cited violations, are not the remaining criteria in the N and the following requirement(s) the following requirement (s) the following requiremen	Inspection consisted of selection. The inspection findings in the inspection finding in the inspection findings	lective examinations are as follows:  were self-identified, UREG-1600, to	
	and Corrective Actions)	/LATION,	njeu w pooming management	Penn to Community		
			RRECTIVE ACTIONS			
			tor will be taken to correct the 201 (corrective steps already			
date when full complianc	e will be achieved). I unde	erstand that no further writte	en response to NRC will be re	equired, unless specifically r	requested.	
TITLE	PRINT	TED NAME	SIGN	IATURE	DATE	
LICENSEE			0.	<u></u>		
NRC INSPECTOR	George Parke	ar	Them. \ =	$\mathcal{L}$	7/28/06	

NRC FORM 591X PART 3 (5-2002) 10 CFR 2:201	Docket File Information SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION		U.S. NUCLEAR REGULATORY COMMISSION	
1. LICENSEE	2. NRC/REGIONAL OFFICE			
Cardinal Health REPORT NUMBER(S) 2006-017		Region III		
3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)		5. DATE(S) OF INSPECTION	
030-36973	34-29200-01MD		07/28/2006	
6. INSPECTION PROCEDURES USED	7. INSPECTION FOCUS AREAS			
87127	3/01-07			
	SUPPLEMENTAL INSPEC	TION INFORMATION	<u> </u>	
PROGRAM CODE(S)     PRIORITY	3. LICENSEE CONTACT		4. TELEPHONE NUMBER	
2500 2	Sharon Jackson		818/737-4515	
X Main Office Inspection		Next Inspection Date: 07/08		
Field Office				
Temporary Job Site				

## PROGRAM SCOPE Program Scope

87127

The licensee is a regional division of the Cardinal Health chain located in Swartz Creek, MI. This radiopharmacy employs three pharmacists, two pharmacy techs and approximately twelve drivers. Currently the licensee has approximately 300+ customers located in the north eastern Michigan area. The pharmacy serves its customers from approximately 4:00am to 3:00pm daily including Saturdays and Sundays. Licensee's first run starts about 4:30am and continues throughout the day. This pharmacy receives Mo99/Tc99m generators each week for the preparation of unit doses to be distributed to clients. This pharmacy prepares approximately 100mCi. of iodine-131 for distribution weekly. All iodine work is performed in a room with dedicated air handling systems.

## **Performance Observations**

During the inspection, the inspector toured the facility and observed the preparation of unit doses destined for clients. The inspector observed shipping procedures being performed and interviewed the staff concerning their roles in the process. The inspector determined that they possessed an adequate level of knowledge of shipping requirements. The inspector performed confirmatory surveys of the restricted area and the results were similar to those of the licensee. Conversations between the inspector and licensee staff provided assurances that licensee staff had an adequate knowledge of radiation safety.

Independent surveys performed by the inspector did not detect any unusual or unexpected readings. No abnormal conditions were detected.