(06-2010)

SAFETY II	SPECTION REP	ORT AND CO	MPLIANCE INSP	ECTION	
1. LICENSEE/LOCATION INSPECTED:		2. NRC/REGIONAL OFFICE			
Indiana University Proton Therapy Center 2425 N. Milo B. Sampson Lane Bloomington, IN 47408-1398		U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532-4351			
REPORT NUMBER(S) 2011-01  3. DOCKET NUMBER(S)	4. LICENSEE NUMB	ED(S)	5. DATE(S) OF	INSPECTION	
030-38249		2785-01		17, 2011	
The inspection was an examination compliance with the Nuclear Regul inspection consisted of selective ex observations by the inspector. The  1. Based on the inspection  2. Previous violation(s) clos  3. The violation(s), specific they were self-identified the NRC Enforcement in Non-cited violation.	atory Commission (NRC) aminations of procedure inspection findings are a findings, no violations w ed. ally described to you by , non-repetitive, and cor	c) rules and regulates and representates as follows:  The identified.  The inspector as nearective action was exercise discretion.	ions and the conditions ive records, interviews won-cited violations, are ror is being taken, and the were satisfied	of your license. The vith personnel, and not being cited because	
4. During this inspection cel requirements and are be accordance with 10 CFI	eing cited. This form is a				
	Statement o	f 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 Pri	ted Name		Signature	Date	
LICENSEE'S REPRESENTATIVE			1		
NRC INSPECTOR Robe	rt P. Hays		Roun	5/17/11	
Branch Chief Tamara	E. Bloomer	Jr Ble	Donu	6/7/11	

NRC FORM 591M PART 1(06-2010)

NKC FORING	591W PART 3 (06-2010)				
NRC FORM 591 M PART 3			U.S. NUCLEAR REGULATORY COMMISSION		
(06-2010) 10 CFR 2.201			Docket File Information		
10 01 10 2.201	SAFETY IN	SPECTION RE	EPORT AND COMPLIANCE INS	SPECTION	
1. LICENSEE	roton Therapy Ce	ntar	2. NRC/REGIONAL OFFICE		
2425 N. Milo	B. Sampson Lan	ie	U.S. Nuclear Regulatory Commission Region III		
	n, IN 47408-1398		2443 Warrenville Road, Suite 210		
REPORT NUMBER(	s) <b>2011-01</b>		Lisle, Illinois 60532-4351		
3. DOCKET NUMBE		4. LICENSE NUM		5. DATE(S) OF INSPECTION	
6. INSPECTION PRO	038249 DCEDURES	7. INSPECTION F	13-32785-01	May 17, 2011	
	(10/24/02)	03.01-03		,	
		SUPPLEMENT	AL INSPECTION INFORMATION		
1.PROGRAM	2. PRIORITY	3. LICENSEE CO		4. TELEPHONE NUMBER	
2121	5	John K	Kerstiens, Ops. Manager	812-349-5028	
Y Main	Office Increation		Next Inexestin	- Date: May 2016	
X Main Office Inspection Next Inspection Date: May 2016					
	Office mapection		Next inspectio	indy 2010	
	Office Inspection		next inspectio		
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☐ Field O	Office Inspection prary Job Site Ins	pection	PROGRAM SCOPE		
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During the inspection, the licensee's NMT, Emily Gaither, demonstrated/discussed: (1) survey meter use and calibrations; (2) package check-in procedures; (3) PET dosage preparation; (4) wipe test counting; (5) waste handling; (6) sealed source inventories and leak tests; (7) routine security of licensed material; (8) dose calibrator tests; (9) any contamination events (none); and (10) dosimetry (YTD < 10% of limits).

NRC FORM 591 M PART 3 (06-2010)	U.S. NUCLEAR REGULATORY COMMISSION					
10 CFR 2.201		Docket File Information	PECTION			
SAPETTIN	ISPECTION RE	EPORT AND COMPLIANCE INS	PECTION			
1. LICENSEE Indiana U. Proton Therapy Center 2425 N. Milo B. Sampson Lane Bloomington, IN 47408-1398		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532-4351				
REPORT NUMBER(S) 2011-01  3. DOCKET NUMBER(S) 4. LICENSE NUMBER (S) 4. LICENSE NUMBER (S		<u> </u>	5. DATE(S) OF INSPECTION May 17, 2011			
6. INSPECTION PROCEDURES 87131 (10/24/02)	7. INSPECTION FO	03.01-03.07				
	SUPPLEMENT	AL INSPECTION INFORMATION				
1.PROGRAM 2. PRIORITY 5	3. LICENSEE CON John K	NTACT Kerstiens, Ops. Manager	4. TELEPHONE NUMBER 812-349-5028			
X Main Office Inspection Next Inspection Date: May 2016 ☐ Field Office Inspection ☐ Temporary Job Site Inspection						
		PROGRAM SCOPE				
The licensee was a PET/CT medical facility located in Bloomington, Indiana, and authorized by the license to use any byproduct material as needed, for any byproduct material permitted by 10 CFR 35.100 and 35.200, at the location specified on the license.  This initial inspection determined that licensed activities started on March 16, 2011, and the PET department was staffed with one nuclear medicine technologist (NMT). Since March 16, 2011, the NMT has performed 4 PET diagnostic studies, using F-18 only. The nuclear medicine department received PET doses from a Indianapolis, IN PET nuclear pharmacy. All waste was either held for decay-in-storage (DIS) or returned to the nuclear pharmacy as limited quantity shipments. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.						
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which indicated results cons		mance Observations	oosungs.			