U.S. NUCLEAR REGULATORY COMMISSION								
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION								
The Unive 87 00 N. Kansas C	risity of Kansas Caner Green Hills Rd. ity, MO	2. NRC/REGIONAL OFFICE NRC Region III 2443 Warrenville Lisle, IL 6053 Select a location (Use	2. NRC/REGIONAL OFFICE NRC Region III 2443 Warrenville Rd. Lisle, IL 60532 Select a location (Use keyboard arrows to select)					
REPORTNUMBER(S) 20/6-00								
3. DOCKETNUMBER	(S)	4. LICENSE NUMBE	R(S)	5. DATE(S) OF INSPECTION	DN .			
030-3	6583	24-32	517-01	6/2/16				
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 o	1. Based on the inspection findings, no violations were identified.							
2. Previous violation(s) closed.								
The violations(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):								
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			,					
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)								
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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,								
				a, uness specifically req				
LICENSEE'S REPRESENTATIVE			GONATORE					
NRC INSPECTOR	Robert G. Gattone	Jr.	Robert S. Satton	o, J1.	6/2/16			
BRANCH CHIEF	AARANT. Mª CRAN		ATAL	- 0	6816			
RC FORM 591M PART 1 (07-2012)								

NRC FORM 591M PART 3 (07-2012) 10 CER 2 201		U.S. NUCLEAR REGULATORY COMMISSION					
SAFE	TY INSPECTIO	N REPORT AND	COMPLIANCE II	NSPECTION			
1. LICENSEE/LOCATION INSPECTE	ED:		2. NRC/REGIONAL OFFICE				
The University of Kansas 8700 N. Green Gills Rd. Kansas City, MO	Cancer Center		Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL, 60532-4352				
REPORT NUMBER(S) 2016-(001			52			
3. DOCKET NUMBER(S)		4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION			
030-36583		24-32517-01		6/2/16			
6. INSPECTION PROCEDURES USE	ED	7. INSPECTION FOCU	7. INSPECTION FOCUS AREAS				
87130 & 87132		For Both Inspect	For Both Inspection Procedures Used: 02.01-02.07				
SUPPLEMENTAL INSPECTION INFORMATION							
1. PROGRAM CODE(S) 02230	2. PRIORITY 2	3. LICENSEE CONTAC Stephen Howard	, M.S., RSO	4. TELEPHONE NUMBER (913) 967-9056			
Main Office Inspec	✓ Main Office Inspection Next In		Date: 06/02/2	2018			
Field Office Inspec	tion						
Temporary Job Sit	e Inspection						
The licensee conducted hig radiopharmaceutical diagn imaging including flourine imaging. Ninety five perce fluorodeoxyglucose (FDG licensee's work hours were The inspector: (1) observe HDR spot checks prior to a the HDR treatment; (4) ob and the HDR unit were as conduct dual verification of physicist (AMP) and a phy conduct an ambient expose applicable staff conducted reviewed selected HDR, X Elekta serviced the HDR u limits; (14) observed a nuc dosimeter badges, gloves, measurement of the dosage hot lab and 0.1 mR/hr at er received package of licens licensee prepare and admin (18) observed that the iodi released per 10 CER 35 75	sh dose rate (HDR) ostic studies as requ- -18. The Terrace fa- ent of the HDR treat) from a local radio from 7:30am to 5: ed that licensed mata an HDR treatment; served that the HDF authorized; (6) note of the HDR treatment /sician authorized u ure rate survey of th a post HDR treatment fofigo, and Iodine tr unit; (13) reviewed of elear medicine techr lab coat, L-block, d e; (15) measured a 1 xternal walls of the ed material, includi nister 50 millicuries ne-131 patient rece	afterloading treatmanied. The Lee's Suracility involved raditments were for the pharmacy and it wa 00pm Monday throoperformance Observed as (3) observed that H R facility and featured that HDR writter int settings prior to the server at the HDI is patient and the H ent assessment to wreatment records an losimeter records a nologist (NMT) pre- load provide the the treatment of the set of the se	ients, radiopharmaceut immit facility involved iopharmaceutical thera breast. The licensee is used for positron emugh Friday. ervations required; (2) observe DR emergency equipt res were as required; (2) directives were as rec reatment; (8) observed R console during the tr DR unit after the treatt erify that the HDR treat d there were no concer nd noted that the doses pare and administer FI verification, syringe s iroentgen per hour (mI patient was in; (16) o entory and surveying t patient in accordance ions; and (19) observed	tical therapies, and d HDR, Xofigo, and diagnostic apy with Xofigo, and diagnostic received flourine-18 labeled hission tomography (PET). The ed the licensee conduct required ment was near the patient during 5) observed that the HDR source quired; (7) observed the licensee d that an authorized medical reatment; (9) observed the AMP ment; (10) observed that atment was as prescribed; (11) rns identified; (12) noted that s were well below regulatory DG to a patient, including use of shield, and dose calibrator R/hr) at selected surfaces of the observed an NMT check in a the package; (17) observed the with a proper written directive; d that the iodine-131 patient was			