NRC FORM 386 (RIII) (4-2004)



UNITED STATES NUCLEAR REGULATORY COMMISSION REGION III

2443 Warrenville Road, Suite 210 Lisle, Illinois 60532-4352

TELEFAX TRANSMITTAL

DATE: 8/16/2012 NUMBER OF PAGES: (including this page)
SEND TO: Rita Gentilcore, R.Ph.
LOCATION: PETNET
FAX NUMBER: 314 -268 - 7507 VERIFY BY CALLING SENDER
FROM: (SENDER) Debbie Piskura
TELEPHONE NUMBER: 630 -829 -9867 FAX NUMBER: 630 - 515 - 1259
If you do not receive the complete fax transmittal, please contact the sender as soon as possible at the telephone number provided above.
MESSAGE
Dear Lita,
Read disregard the 591 I issued on 7/3/2012 -
Head disregard the 59/ I issued on 7/3/2012 - There was a error on the form. I listed an incorrect
docket number for the production license. Enclosed is a revised 5%. The original is in the mail.
revised 59. The original is in the mail.
NOTICE Deblue Robins

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this message is not the intended recipient or the employee responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by telephone and return the original to the above address, by U.S. Mail. Thank you.

NRC FORM 591M PA (05-2012)	NRC FORM 591M PART 1 U.S. NUCLEAR REGULATORY COMMISSION						
10 CFR 2.201	SAFETY INSPECTION	REPORT AN	ID COMPLIANCE INS	SPECTION			
1. LICENSEE/LOCATIO	N INSPECTED:		2. NRC/REGIONAL OFFICE				
PETNET Solutio	ns, Inc.		Region III				
810 Innovation D	•		U. S. Nuclear Regulato	ory Commission			
Knoxville, TN 37	7932		2443 Warrenville Road				
·			Lisle, IL 60532-4352				
REPORT NUMBER(S	s) 2012-001						
3. DOCKET NUMBER(S)	4. LICENSE NUMBE	R(S)	5. DATE(S) OF INSPECTION	V		
030-38230		41-32720-03		July 31, 2012			
	n examination of the activities conduction (NRC) rules and regulations and the						
	esentative records, interviews with pers						
1. Based on	the inspection findings, no violations w	vere identified.					
2. Previous	violation(s) closed.						
non-repet	3 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 discuss	ed involving the foll	lowing requirement(s):				
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	•			•			
	,						
cited in ac with 10 Cl	s inspection, certain of your activities, a coordance with NRC Enforcement Polic FR 19.11. s 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, 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		SIGNATURE		DATE		
LICENSEE'S REPRESENTATIVE							
NRC INSPECTOR	Deborah A. Piskura, Health Phys	icist	Delwood ARS	lua	8/15/2012		
BRANCH CHIEF	Tamara E. Bloomer, Chief, MIB		1 9	10-	1/2/10		

NRC FORM 591M PART 3 (05-2012)	<i>F</i>			UCLEAR REGULATORY COMMISSION		
Docket File Information SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION						
1. LICENSEE/LOCATION INSPEC			2. NRC/REGIONAL OFFICE	J. 10		
PETNET Solutions, Inc. 810 Innovation Drive Knoxville, TN 37932			Region III U. S. Nuclear Regula 2443 Warrenville Ro	oad, Suite 210		
REPORT NUMBER(S) 2012	0.001	!	Lisle, IL 60532-435	·2		
3. DOCKET NUMBER(S)	-001	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION		
030-38230		41-32720-03		July 31, 2012		
6. INSPECTION PROCEDURES US	SED	7. INSPECTION FOCU	7. INSPECTION FOCUS AREAS			
87127		03.01-03.08	· .			
			ION INFORMATION			
1. PROGRAM CODE(S) 03210	2. PRIORITY 2	3. LICENSEE CONTAC Rita Gentilcore,		4. TELEPHONE NUMBER (314) 577-8800		
Main Office Inspe						
· · · · · · · · · · · · · · · · · · ·		Next Inspection	***************************************	14		
Field Office Inspe	ection 1909 Beltway	y Drive, St. Louis,	MO			
Temporary Job S	Site Inspection					
1		PROGRAM SO	COPE	· ·		
This was the initial inspection performed in accordance with MC 2800 for the -03 license authorizing the production and handling of radiochemicals. The licensee used its cyclotron daily to produce C-11, F-18, O-15 and N-13 for PET imaging agents; the majority of production involved F-18. Four individuals serving as cyclotron engineers operated the cyclotron. The cyclotron was located within the Saint Louis University Hospital. As material was produced, it was transferred via shielded lines to a hot cell. Once the radiopharmaceuticals were developed and removed from the hot cell, the material was used under the medical distribution/radiopharmacy license (-04MD).						
(right and left rings) dos follows:	Individuals operating the cyclotron as well as the individuals handling the materials wore whole body and extremity (right and left rings) dosimetry. The maximum whole body and extremity exposures were reported (in millirem) as follows:					
Whole body 1,087 Extremity 19,350	1,392					
This inspection consisted of interviews with select licensee personnel; a review of select records; and independent measurements. The inspector toured the facility and observed operations. Licensee personnel demonstrated cyclotron operations and maintenance, F-18 chemistry, purification, and QA/QC.						
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NRC FORM 591M I	PART 1		U.S. NU	CLEAR REGULATORY	COMMISSION	
10 CFR 2.2011 SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION						
1. LICENSEE/LOCATI	ON INSPECTED:		2. NRC/REGIONAL OFFICE			
PETNET Solutions, Inc. 810 Innovation Drive Knoxville, TN 37932			Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352			
REPORT NUMBER		4. LICENSE NUMBE	R(S)	5. DATE(S) OF INSPECTIO)N	
030-38228	Mor	41-32720-03	(0)	July 31, 2012		
LICENSEE:						
Regulatory Commis	an examination of the activities conduct sion (NRC) rules and regulations and th esentative records, interviews with pers	e conditions of your	r license. The inspection consist	ed of selective examination	ons of	
✓ 1. Based o	n the inspection findings, no violations w	vere identified.				
2. Previous	violation(s) closed.					
non-repe	3. 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 discuss	ed involving the fol	lowing requirement(s):	ŧ		
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)						
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, 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		SIGNATURE		DATE	
LICENSEE'S REPRESENTATIVE						
NRC INSPECTOR	Deborah A. Piskura, Health Physi	cist	Dolar & SAS	tua	7/31/2012	
BRANCH CHIFF	Tamara E. Bloomer, Chief, MTB		· · · · · · · · · · · · · · · · · · ·		/ '	