NRC FORM 591M PART 1 U.S. NUCLEAR REGULATORY COMMISSION (07-2012) 10 CFR 2.201 SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION							
1. LICENSEE/LOCATI	ON INSPECTED:		2. NRC/REGIONAL OFFICE				
Covance Laboratories, Inc.			Region III				
8211 Scicor Dr. Indianapolis, IN 46214			U. S. Nuclear Regulator 2443 Warrenville Road	ad, Suite 210			
REPORT NUMBER(S) 2019001			Lisle, IL 60532-4352				
3. DOCKET NUMBER(4. LICENSE NUMBER	S) 5. DATE(S) OF INSPECTION		TION		
030-37840		13-32713-01	2713-01 Septem		, 2019		
Regulatory Commission procedures and reproduced and	an examination of the activities conductsion (NRC) rules and regulations and the esentative records, interviews with person the inspection findings, no violations wiviolation(s) closed. Intions(s), specifically described to you be stitive, and corrective action was or is bein, were satisfied. Non-cited violation(s) were discussions.	e conditions of your lonnel, and observativere identified. The inspector as noting taken, and the residential control of the residential control of the resident and the reside	icense. The inspection consists ons by the inspector. The inspector. The inspector of the i	ed of selective examina ection findings are as for cited because they we	ations of ollows:		
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	Zahid Sulaiman, Health Physicist		Papiel Sula:	na	9/25/19		
BRANCH CHIEF	Aaron T. McCraw, Chief, MIB	offrey Weven g	yev_		10/15/19		

NRC FORM 591M PART 3 (07-2012)		Docket File Infe		CLEAR REGULATORY COMMISSION		
10 CFR 2.201	TY INSPECT		OCOMPLIANCE INS	SPECTION		
1. LICENSEE/LOCATION INSPECT	ED:		2. NRC/REGIONAL OFFICE			
Covance Laboratories, Inc	c. ·		Region III			
8211 Scicor Dr.			U. S. Nuclear Regulatory Commission			
Indianapolis, IN 46214			2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352			
REPORT NUMBER(S) 20190	001		2.2.2, 12 33352 3332			
3. DOCKET NUMBER(S)		4. LICENSE NUMBER((S)	5. DATE(S) OF INSPECTION		
030-37840		13-32713-01		September 25, 2019		
6. INSPECTION PROCEDURES USED		7. INSPECTION FOCU	7. INSPECTION FOCUS AREAS			
87126		03.01 - 03.07				
		PLEMENTAL INSPECT		L. ES ENVOYE WINDER		
1. PROGRAM CODE(S) 03611	2. PRIORITY	3. LICENSEE CONTAC Brian Davidson,		4. TELEPHONE NUMBER (317) 273-5369		
-						
Main Office Inspec	ction	Next Inspection	n Date: 09/25/20			
✓ Field Office Inspect	ction 671 S. N	Meridian Rd, Greenfield	i, IN 46140			
Temporary Job Si	te Inspection					
		PROGRAM S	COPE			
This was a routine, unannounced inspection of a Type B research and development license. The main office is located in Indianapolis, Indiana, and the research facility is located at the Greenfield, Indiana location. The radiation safety department was staffed with a full-time radiation safety officer (RSO) and a technologist. The licensee predominately used microcurie quantities of phosphorus-33 (P-33), carbon-14 (C-14), and tritium (H-3) for research and development. The RSO was authorized to approved users and laboratories for in-vitro and in-vivo research studies. The licensee has approximately 38 radioactive materials users. No radioactive materials studies has been performed since November, 2017.						
The licensee has removed the self-shielded irradiator from its Greenfield, Indiana, location and transferred it to the manufacturer on December 19, 2017. The licensee also transferred five generally licensed nickel-63 sources in gas chromatographs to Eurofins Food Integrity and Innovation on August 7, 2018. The licensee was acquired by Lab Corp around October, 2015 and maintains the license name as Covance Laboratories, Inc.						
Performance Observations:						
The inspection consisted of interviews with selected licensee personnel, a review of selected records, and tours of research laboratories and waste storage facility. There was no active laboratory work being performed at the time of the inspection. The inspector had the staff demonstrate/discuss byproduct materials ordering, receiving, and check-in procedures, master inventory list and tracking of licensed materials, approval process of principal investigators and radioactive material users, security of materials, program audits, laboratory work with H-3 and C-14, laboratory surveys, and wipe tests performed by the radiation safety and the laboratory staff. The technologist described the radioactive waste collection process from the labs and transport to waste storage facility, and radioactive waste disposal to an authorized vendor. The last waste shipment of C-14 and H-3 was done on March 2019 to Bionomics Inc. The inspector reviewed the self-shield irradiator transfer document, with no issues noted.						
Continued on next page						

NRC FORM 591M PART 2 U.S. NUCLEAR REGULATORY COMMISSION (07-2012) 10 CFR 2.201 SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION							
1. LICENSEE/LOCATION INSPECTED:	2. NRC/R	2. NRC/REGIONAL OFFICE					
Covance Laboratories, Inc.	Ÿ	Region III					
8211 Scicor Dr. Indianapolis, IN 46214	2443	U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352					
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030-37840	13-32713-01	September 25, 2019					

(Continued)

The inspector reviewed the following records: annual program audits, sealed source inventory and leak tests, radioactive materials inventory, radiation safety training, instrument calibration, and waste disposal. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.

The inspector did not perform the 10 CFR Part 37 inspection. The inspector reviewed the licensee's 10 CFR Part 37 security-related corrective actions described in the licensee's letter dated May 11, 2015 for the violations reported on NRC Inspection Report 03037840/2015-001(DNMS). The licensee implemented its corrective actions as stated. These violations are closed.

No violations of NRC requirements were identified as a result of this inspection.