

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Donald Danforth Plant Science Center 975 North Warson Road St. Louis, MO 63132 REPORT NUMBER(S) 2017001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-35805	4. LICENSE NUMBER(S) 24-32339-01	5. DATE(S) OF INSPECTION April 13, 2017	

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:

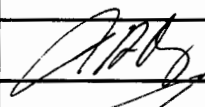
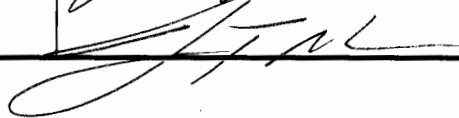
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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):

- 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)

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	Luis Nieves Folch		4/26/17
BRANCH CHIEF	Aaron T. McCraw		4/26/17

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Donald Danforth Plant Science Center 975 North Warson Road St. Louis, MO 63132 REPORT NUMBER(S) 2017001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-35805		4. LICENSE NUMBER(S) 24-32339-01	5. DATE(S) OF INSPECTION April 13, 2017
6. INSPECTION PROCEDURES USED 87126		7. INSPECTION FOCUS AREAS 03.01-03.08	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03620	2. PRIORITY 5	3. LICENSEE CONTACT James J, Cox, M.S., CHP, RSO	4. TELEPHONE NUMBER (314) 587-1056
-----------------------------	------------------	---	---------------------------------------

- Main Office Inspection Next Inspection Date: April 13, 2022
- Field Office Inspection _____
- Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced, routine inspection of a research and development institution in St. Louis, Missouri. The institution was authorized to use tritium, carbon- 4, phosphorus-32 and -33, sulfur-35, and iodine-125 in millicurie quantities. While the licensee had nine approved authorized users, only one was actively using tritium and carbon-14 for a research project conducted in one laboratory, while two others were only storing it. The licensee had a large inventory of long-lived materials, such as H-3 and C-14, in its possession that they are in the process of disposing of them. The radiation safety officer and radiation safety committee were actively involved with managing the radiation safety program.

Performance Observations

The licensee was not using any materials at the time of the inspection. The RSO described inventories, training, package receipt, materials tracking, and laboratory use of materials. The inspector performed independent surveys of the labs, storage room and other areas and found no contamination or exposures to members of the public distinguishable from background. The inspector reviewed a selection of records, including internal audits, inventories, dosimetry, and surveys records.

During the last inspection a violation for not conducting contamination surveys was identified. The inspector reviewed the corrective actions taken by the licensee by reviewing contamination surveys records since the last inspection and closed the previous violation.

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

Nieves Folch, Luis

From: Nieves Folch, Luis
Sent: Thursday, April 27, 2017 9:57 AM
To: 'Cox, Jim'
Subject: NRC inspection Clear report
Attachments: image2017-04-27-101420.pdf

Dear Mr. Cox,

This email is to send you with a copy of the inspection report done for the inspection conducted on April 13, 2017. The results of the inspection were no violations identified during the inspections, no further actions are required on your part.

In accordance with Title 10 of the Code of Federal Regulations 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Please feel free to contact me if you have any questions, or if there is anything else we at the NRC can do to assist you.

Luis Nieves
Health Physicist
Materials Inspection Branch
Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission
2443 Warrenville Road
Lisle, IL 60532
luis.nievesfolch@nrc.gov
630.829.9571 (office)
630.515.1078 (fax)