

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE LOCATION INSPECTED

Ford Motor Company Research & Innovation Center
2101 Village Road
MID 1049
Dearborn, MI 48121

REPORT NUMBER(S) 2018001

2. NRC/REGIONAL OFFICE

Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-38693

4. LICENSE NUMBER(S)

21-35113-01

5. DATE(S) OF INSPECTION

1/14/2019

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.

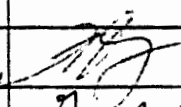
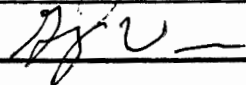
Non-cited violation(s) were discussed involving the following requirement(s):

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		1/17/19
BRANCH CHIEF	Aaron T. McCraw	 for ATM	1/29/19

Docket File Information

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3. DOCKET NUMBER(S) 030-38693	4. LICENSE NUMBER(S) 21-35113-01	5. DATE(S) OF INSPECTION January 14, 2019	
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 Scott Larkins, RSO	4. TELEPHONE NUMBER (313) 323-1533
<input checked="" type="checkbox"/> Main Office Inspection Next Inspection Date: January 14, 2024			
<input type="checkbox"/> Field Office Inspection			
<input type="checkbox"/> Temporary Job Site Inspection			

PROGRAM SCOPE

This was an unannounced, routine inspection of a Research and Innovation Center that was authorized by its NRC license to use radioactive isotopes of cobalt, beryllium, chromium, zinc, and manganese for the purposes of automotive research and development. At the time of the inspection, the licensee possessed only cobalt-56 in a cylinder sleeve inside of an engine block that had undergone thin-layer activation. The licensee received these components from a cyclotron operator in Germany for use in closed-loop lubricant research, conducted by one of two authorized users.

Performance Observations

At the time of this inspection, the inspector visited the only lab used for research to evaluate the licensee's measures for material security, hazard communication and exposure control. During this tour the RSO and one authorized user demonstrated implementation of procedures for package receipt, low-level waste handling, contamination control, and spill response. Through these demonstrations and other discussions, the inspector found that both individuals were knowledgeable of radiation protection principles. The inspector reviewed the annual audits, surveys, dosimetry, inventory, and shipping documents of dispose material.

During the last inspection, one violation was identified for failure to perform routine surveys for contamination in those locations where individuals worked with unsealed forms of radioactive material. The inspector reviewed the corrective actions by discussing the previous violation and reviewing their survey records. The violations is closed.

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