

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  National Aeronautics & Space Administration John H. Glenn Research Center 21000 Brookpark Road Cleveland, Ohio 44135  REPORT NUMBER(S) 2016-002	2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. DOCKET NUMBER(S)  030-05626	4. LICENSE NUMBER(S)  34-00507-16	5. DATE(S) OF INSPECTION  8/30-31/2016
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**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:

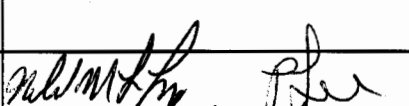
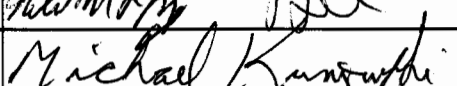
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Michael LaFranzo/Dr. Peter Lee		9/17/16
BRANCH CHIEF	Michael Kunowski		9/18/16

**Docket File Information**

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<p>6. INSPECTION PROCEDURES USED</p> <p>87104</p>	<p>7. INSPECTION FOCUS AREAS</p> <p>03.01-03.02</p>
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**SUPPLEMENTAL INSPECTION INFORMATION**

<p>1. PROGRAM CODE(S)</p> <p>3620</p>	<p>2. PRIORITY</p> <p>5</p>	<p>3. LICENSEE CONTACT</p> <p>Chris Blaso - RSO</p>	<p>4. TELEPHONE NUMBER</p> <p>(216) 433-6520</p>
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Main Office Inspection      Next Inspection Date:      NA

Field Office Inspection \_\_\_\_\_

Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

This was primarily a decommissioning inspection associated with the licensee's cyclotron and building radiological characterization and disposal. During the inspection, the NRC inspectors focused on: 1) waste characterization/disposal and transportation of said waste to an authorized off-site facility; 2) discussions surrounding remediation and waste disposal plans for the building which held the cyclotron; and 3) proposed security protocols under 10 CFR 20.1501 and 10 CFR 20.1502 regarding depleted uranium to be soon possessed by the licensee.

**Observations and Findings**

The NRC inspectors did not identify any regulatory issues or concerns regarding the licensee's ability to characterize, dispose and transport radioactive waste. The NRC did not identify any regulatory concerns associated with the licensee's ability to maintain control of licensed material.

The licensee is currently in process to determine how and by what means the cyclotron building and its in-bedded contents, concrete and steel which is radiologically contaminated via activation products from cyclotron use, shall be handled during the decommissioning process. The licensee indicated that full remediation and unrestricted release of remaining material shall be done in accordance with NRC decommissioning release criteria and timeliness rule requirements.