

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>Niowave, Inc. 1212 N. Walnut Street Lansing, Michigan 48906-5061</p> <p>REPORT NUMBER(S) 2018001</p>	<p>2. NRC/REGIONAL OFFICE</p> <p>Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352</p>	
<p>3. DOCKET NUMBER(S)</p> <p>030-38770</p>	<p>4. LICENSE NUMBER(S)</p> <p>21-35144-02</p>	<p>5. DATE(S) OF INSPECTION</p> <p>3/1/18</p>

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:

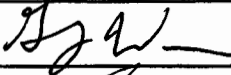
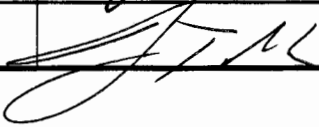
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Geoffrey Warren, Sr. HP		3/1/18
BRANCH CHIEF	Aaron McCraw		3/9/18

Docket File Information

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3. DOCKET NUMBER(S) 030-38770	4. LICENSE NUMBER(S) 21-35144-02	5. DATE(S) OF INSPECTION March 1, 2018
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6. INSPECTION PROCEDURES USED 87125	7. INSPECTION FOCUS AREAS 03.01 - 03.07
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03210	2. PRIORITY 2	3. LICENSEE CONTACT Valeriia Starovoitova	4. TELEPHONE NUMBER (517) 512-3402
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Main Office Inspection Next Inspection Date: 03/01/2020

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced routine inspection. The licensee performed research and development activities involving the irradiation of natural and low-enriched uranium, with the intent of producing and distributing licensed materials primarily for medical use. Fourteen personnel, including chemists, nuclear physicists, nuclear engineers, health physicists, and accelerator physicists and operators, were involved in the research activities.

Performance Observations: The inspector observed verification of recently-received radioactive materials, area surveys following verification of the materials, use of appropriate personal protective equipment, and access controls for radiation areas and material use areas. Licensee personnel demonstrated and explained irradiation of licensed materials, chemistry for extracting materials from irradiated materials, surveys of radioactive material use areas, inventory and audit procedures, tracking of waste shipments, and other procedures. Review of dosimetry records indicated no exposures of regulatory concern. 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.

No violations were identified as a result of this inspection.