

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Niowave, Inc. 1012 N. Walnut Street Lansing, MI 48906-5061 REPORT NUMBER(S) 16-001	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Rd, Suite 210 Lisle, IL 60532
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3. DOCKET NUMBER(S) 040-38369	4. LICENSE NUMBER(S) 21-35145-01	5. DATE(S) OF INSPECTION March 4, 2016
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6. INSPECTION PROCEDURES USED 87126	7. INSPECTION FOCUS AREAS 03.01-03.07
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 11200	2. PRIORITY 5	3. LICENSEE CONTACT Valeriia Starovoitova, PhD, RSO	4. TELEPHONE NUMBER (517) 512-3402
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Main Office Inspection Next Inspection Date: 03/04/2021

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was a re-initial inspection conducted at the licensee's authorized location of use in Lansing, MI. The license was a source material license. The license was authorize for research and development, fabrication of source materials and distribution of shielding and manufactured accelerator parts to authorized licensee. The licensee's work hours were from 8:00 AM - 4:00 PM, Monday through Friday.

Performance Observations:

The inspector toured the facility where the materials are stored and the work is performed. Interviews of available staff revealed an adequate level of understanding of emergency and material handling procedures and techniques. The inspector reviewed the records of first licensed activities conducted on April 2, 2015, with no issue noted. The inspector: (1) observed that the licensee addressed the decontamination concern from the last inspection by durably sealing the concrete floor and sidewalk cracks with sealant, where fabrication of source materials would occur; (2) observed that the licensee addressed the decontamination concern of work area surface from last inspection, licensee placed an absorbent padding with plastic liner on the bottom on work area surfaces; (3) observed that the licensee posted the action levels sign, as committed from the last inspection; (4) observed the staff conduct a physical inventory of all source materials, all sources were accounted for, and verified that licensed material was secured in accordance with 10 CFR 20.1801; (5) observed that the licensee had appropriate radiation measurement equipment, including calibrated survey instruments; (6) observed that the licensee had a Class D fire extinguisher that was charged and checked at the intervals on the tag affixed to it; (7) noted that the licensee planned to filter the coolant to remove particulates as small as 1 micron and analyze coolant to verify compliance with radioactive sewer effluent limits prior to disposal to the sanitary sewer; (8) reviewed dosimetry records with maximum reading of M (minimally detected) was noted; (9) observed how staff would don and doff personal protection equipment; (10) had the staff demonstrate the package receiving and check-in procedures; (11) reviewed the annual program audit conducted by the licensee staff, with no issues noted. The inspector reviewed training documents. The inspector performed independent radiation measurements of the storage area and work area; the results were within regulatory limits.

No violations of NRC requirements were identified during this inspection.