



**Docket File Information**

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  The Regents of the University of Michigan Radiation Safety Service 1239 Kipke Drive Ann Arbor, MI 48109-1010  REPORT NUMBER(S) 17001	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)  070-00192	4. LICENSE NUMBER(S)  SNM-179	5. DATE(S) OF INSPECTION  March 3, 2017
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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)  22110	2. PRIORITY  3	3. LICENSEE CONTACT  Mark Driscoll, RSO	4. TELEPHONE NUMBER  (734) 647-2251
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Main Office Inspection      Next Inspection Date:      03/03/2020

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

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

**PROGRAM SCOPE**

This was a routine inspection of an educational institution authorized under NRC license to use licensed materials containing special nuclear material (SNM) to conduct research and development (R&D), and supervised educational use in nuclear engineering laboratory. A limited number of plutonium-239:beryllium devices are in use for research and instrument assessment in nuclear engineering laboratory. All the licensed materials were secured in the cage storage or secured in the wall port storage.

**Performance Observations:**

The inspection consisted of interviews with select licensee personnel; review of select records; tours of the Phoenix building and a nuclear engineering laboratory; and independent measurements. The inspector observed the licensed materials were secured in the Phoenix building and in the nuclear engineering laboratory. The inspector observed a research student in the nuclear engineering laboratory was properly wearing the dosimetry badge. Interviews with the research student and the licensee personnel indicated an adequate knowledge of radiation safety concepts and procedures. The inspector had the licensee personnel conduct a physical inventory of selected licensed materials, and all materials were accounted for. The inspector reviewed the audits of laboratories using such materials, leak tests, and inventory procedures, with no issues noted. The inspector reviewed the dosimetry records, and the results indicated no exposures of regulatory concern. The inspector performed independent and confirmatory radiation measurements that indicated results consistent with licensee survey records and postings.

No violations of NRC requirements were identified during this inspection.