

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Northern Michigan University Department of Biology 1401 Presque Isle Avenue Marquette, MI 49855 REPORT NUMBER(S) 2014001	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
---	---

3. DOCKET NUMBER(S) 030-08204	4. LICENSE NUMBER(S) 21-09119-02	5. DATE(S) OF INSPECTION April 23, 2014
--------------------------------------	---	--

6. INSPECTION PROCEDURES USED 87126	7. INSPECTION FOCUS AREAS 03.01 - .03.07
--	---

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 3620	2. PRIORITY 5	3. LICENSEE CONTACT John Rebers, Ph.D, RSO	4. TELEPHONE NUMBER (906) 227-1585
--------------------------------	----------------------	---	---

Main Office Inspection Next Inspection Date: April 23, 2019

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was a routine inspection of an academic licensee authorized for millicuries quantities of C-14, H-3, P-32, P-33, and S-35. The licensee also possessed generally licensed material (thorium and uranium) under 10 CFR 40.22 and exempt quantity sources under 10 CFR 30.18. The licensee's radiation safety officer sent an e-mail to the Region III licensing Branch Chief on July 12, 2013, indicating the licensee's intent to terminate its license. The licensee had originally disposed of licensed material in 2007. During the course of radiological surveys between July and September 2013, the licensee found scintillation vials containing H-3 and C-14, and small quantities of radioactive materials that were generally licensed under 10 CFR 40.22 and exempt quantity sources under 10 CFR 30.18. The licensee has contacted a waste broker to dispose of the additional radioactive materials. The waste broker requested additional information regarding the materials to be disposed. The licensee's RSO indicated that he is working to provide the requested information, but due to class schedules, he will not be able to provide this information until after college is out for the summer. The RSO indicated that he intends on completing waste disposal and surveys over the summer and submitting the information to the NRC for license termination in the fall of 2014.

PERFORMANCE OBSERVATIONS

The inspector verified that the generally licensed and exempt quantity materials mentioned above were properly secured from unauthorized access. The inspector also verified that the scintillation vials were stored in a locked refrigerator. The inspector discussed the license termination process with the RSO and provided the RSO with a copy of 10 CFR 30.26. The inspector also discussed that the licensee had 24 months to complete decommissioning activities and request termination of its license. The inspector also informed the RSO that if termination of its license could not be completed in 24 months, the license was required to notify the NRC and request an alternate schedule for completion of decommissioning and license termination.