

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Purdue University West Lafayette, Indiana 47907 REPORT NUMBER(S) 2018001	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) 070-00152	4. LICENSE NUMBER(S) SNM-142	5. DATE(S) OF INSPECTION July 16, 2016
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6. INSPECTION PROCEDURES USED 87126	7. INSPECTION FOCUS AREAS 03.01-03.08
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 21310	2. PRIORITY 5	3. LICENSEE CONTACT Jim Schweitzer, Ph.D., RSO	4. TELEPHONE NUMBER (765) 494-2350
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Main Office Inspection Next Inspection Date: July 16, 2023

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced, routine inspection of Purdue University's SNM license. The licensee possessed material under this license for research and student instruction. The licensee's authorization included various percent enriched uranium fuel rods; pellets, sources, and samples; natural uranium; a PuBe subcritical assembly; and various sources used in a Fast Breeder Blanket Facility (FBBF). The FBBF had been in secured storage since the previous inspection. The Radiological and Environmental Management (REM) office conducted source inventories and area surveys in accordance with the terms of the license. Access to all materials was restricted to authorized members of the REM and users within the Physics and Nuclear Engineering departments. In May 2018, the licensee transferred all the sources under this license to DOE. The inspectors reviewed the survey and transfer records.

The inspection included a review of the licensee's reporting to NMMSS in accordance with the procedures described in EGM 08-002. This inspection consisted of tours of the FBBF and material storage rooms, a review of select records, interviews with licensee staff, and independent surveys.

No violations of NRC requirements were identified during this inspection.

Nieves Folch, Luis

From: Nieves Folch, Luis
Sent: Friday, July 20, 2018 1:09 PM
To: 'mmtang@purdue.edu'
Subject: NRC clear 591 report
Attachments: SKM_C45818072014050.pdf

Dear Mr. Moore,

Attach is the clear 591 report for the inspection conducted on July 16, 2018, no further actions are required at this moment on your part.

In accordance with Title 10 of the Code of Federal Regulations 2.390 of the NRC's "Rules of Practice," a copy of this message will be available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's website at <http://www.nrc.gov/reading-rm/adams.html>.

Please feel free to contact me if you have any questions regarding this correspondence.

Thank you,

Luis Nieves
Health Physicist
U.S. Nuclear Regulatory Commission
Division of Nuclear Materials Safety
Office: (630) 829-9571
Fax: (630) 515-1259