

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

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| 1. LICENSEE/LOCATION INSPECTED: Department of the Army TACOM Life Cycle Management Command Joint Base Lewis McChord, Tacoma, WA REPORT NUMBER(S) 2014-003 | | 2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352 | |
| 3. DOCKET NUMBER(S) 030-38500 | 4. LICENSE NUMBER(S) 21-32838-01 | 5. DATE(S) OF INSPECTION August 21, 2014 | |

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 | Anthony D. Gaines | <i>Anthony D. Gaines</i> | 9/3/14 |
| BRANCH CHIEF | Aaron T. McCraw, Chief, MIB | <i>[Signature]</i> | 7/4/14 |

Docket File Information

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| <p>3. DOCKET NUMBER(S)</p> <p style="text-align: center;">030-38500</p> | <p>4. LICENSE NUMBER(S)</p> <p style="text-align: center;">21-32838-01</p> | <p>5. DATE(S) OF INSPECTION</p> <p style="text-align: center;">August 21, 2014</p> |
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| <p>6. INSPECTION PROCEDURES USED</p> <p style="text-align: center;">87126</p> | <p>7. INSPECTION FOCUS AREAS</p> <p style="text-align: center;">03.01-03.07</p> |
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SUPPLEMENTAL INSPECTION INFORMATION

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| <p>1. PROGRAM CODE(S)</p> <p style="text-align: center;">03124</p> | <p>2. PRIORITY</p> <p style="text-align: center;">5</p> | <p>3. LICENSEE CONTACT</p> <p style="text-align: center;">Thomas Gizicki, RSO</p> | <p>4. TELEPHONE NUMBER</p> <p style="text-align: center;">(586) 282-0891</p> |
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Main Office Inspection Next Inspection Date: N/A
 Field Office Inspection Joint Base Lewis McChord
 Temporary Job Site Inspection

PROGRAM SCOPE

This was a routine assist inspection conducted by Region IV of the Army's TACOM Life Cycle Management Command license that authorizes use/storage of radioactive material at Joint Base Lewis McChord (JBLM) in Tacoma, WA. JBLM has a Depot Level Maintenance facility that is authorized by the license to open or remove from fire control devices for device repair and maintenance ampoules containing H-3 listed in Items 6.A. through 6.C. of the license. Also, the maintenance facility is authorized by the license to repair licensed material listed in Items 6.F. through 6.H. The license authorizes the base to store and use Items 6.A. through 6.C. and Items 6.F. through 6.H. of the license. The main point of contact for JBLM for this license is the base radiation safety officer (RSO), Mark Henisey. The RSO indicated that Items in 6.D. and 6.E. of the license are not possessed at JBLM. The RSO keeps inventory records of licensed material that was used under this license. The units on base that possess the licensed material send the RSO the annual inventory that they perform. The inspector reviewed the records and selected a random sample of devices used on the base to verify that they were where the inventory indicated. The ARMY has a system that tracks radioactive material called the Radioactive Testing and Tracking System (RATTS). The inspector met with an individual proficient in this system and used the random sample to see if RATTS contained the same unit location. The RATTS indicated that the random sample of devices were with the brigade and location on the annual inventory. The inspector then went to the brigade and location on the inventory and was shown the devices on the random sample. This indicated to the inspector that the inventory method used by the Army was appropriate. While at the brigade location the inspector noted that the devices were secured in locked cages with the proper postings on the cages. The inspector toured the Depot Level Maintenance facility and interviewed individuals that performed repair/maintenance on devices containing ampoules of H-3 listed in 6.A. through 6.C. of the license and devices listed in Items 6.F. through 6.H. containing Ni-63. The individuals interviewed were knowledgeable about radiation safety and the procedures involved in the repair/replacement process. The areas were properly posted. Devices were examined before being brought into the shop to make sure that the H-3 ampoules were not broken. The workers indicated that they had not received a device with a broken ampoule. The units were serviced in a monitored fume hood. Ampoules that were being disposed were wrapped and taped up and put in a safe. When a certain amount was gathered the shop

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(Continued)

filled out transfer paperwork and contacted the base RSO. The base RSO picked up the paperwork and the radioactive waste for transfer to their long term storage building. Routine area contamination wipe tests for H-3 were performed of the maintenance facility at the appropriate frequency and sent to the U.S. Army TMDE at Redstone Arsenal for reading. The licensee indicated that if there was an emergency that Madigan Army Hospital on JBLM could read the wipes. When the devices containing Ni-63 are resourced the workers perform the appropriate leak test, which is sent to Redstone Arsenal for reading. The inspector toured the long term waste storage building and noted that it was properly posted, secured, and that the waste was stored appropriately.

No violations of NRC requirements were identified during this inspection.