

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Department of the Army U.S. Army Aviation and Missile Command - TMDE Activity AMSAM - TMD-SR, Building 5417 Redstone Arsenal, Alabama 35898-5000 REPORT NUMBERS: 2015001 & 2016001		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region I, 2100 Renaissance Blvd, Suite 100 King of Prussia, Pennsylvania 19406-2713	
3. DOCKET NUMBERS: 03012630		4. LICENSE NUMBER: 01-00126-16	5. DATES OF INSPECTION: 11/18/2015, 02/24/2016, 03/23/2016, and in-office review through 06/15/2016

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) and corrective action(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 the 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)

10 CFR 20.1302(b) states, in part, that a licensee shall show compliance with the annual dose limit in 10 CFR 20.1301 by demonstrating by measurement or calculation that the total effective dose equivalent to the individual likely to receive the highest dose from the licensed operation does not exceed the annual dose limit.

Contrary to the above, between April 17, 2014, and November 18, 2015, the licensee did not demonstrate by measurement or calculation that the total effective dose equivalent to the individual likely to receive the highest dose from licensed operations did not exceed the annual dose limit. Specifically, the licensee had conducted surveys to determine dose rates in unrestricted and controlled areas, but did not perform the necessary evaluations to demonstrate that individuals accessing areas adjacent to the controlled area would not exceed the dose limit to members of the public in accordance with 10 CFR 20.1302. The RSO stated that he would ensure the evaluations were performed and documented.

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	Shen Zhu		06/15/2016
NRC INSPECTOR	Scott Wilson		06/15/2016
BRANCH CHIEF	for Blake Wolline		6/15/16

SUNSI Review Completed By: / RA / Scott Wilson

Public Non-Sensitive