



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PA 19406-2713

December 7, 2016

Docket No. 03012630

License No. 01-00126-16

Shen Zhu, Ph.D.
Chief, Army Radiation Standards Lab
Department of the Army
U.S. Army Aviation and Missile Command
U.S. Army TMDE Activity
AMSAM - TMD-SR, Building 5417
Redstone Arsenal, AL 35898-5000

SUBJECT: NRC INSPECTION REPORT NO. 03012630/2016007; DEPARTMENT OF THE ARMY, ABERDEEN PROVING GROUNDS; AND NOTICE OF VIOLATION

Dear Dr. Zhu:

On August 4, 2016, and continuing with an in-office review until November 28, 2016, Scott Wilson of this office conducted a security inspection at your facility. The inspection was limited to a review of your implementation of 10 CFR 37 security requirements. The inspection consisted of observations by the inspector, interviews with personnel, and selective examination of representative records. Additional information provided in emails dated August 9, 2016, and November 22, 2016, from you and Mark Ayers of your staff to Scott Wilson of this office were also examined as part of the inspection. The findings of the inspection were discussed with you and David Walsh of your organization at the conclusion of the inspection on November 28, 2016, via telephone.

Based on the results of this inspection and in accordance with the NRC Enforcement Policy, the NRC has determined that one Severity Level IV violation of NRC requirements occurred. The violation was evaluated in accordance with the NRC Enforcement Policy. The current Enforcement Policy is included on the NRC's Web site at <http://www.nrc.gov/about-nrc/regulatory/enforcement/enforce-pol.html>.

The violation is cited in the Notice of Violation (Notice), provided as Enclosure 1 to this letter. The violation is cited because it was identified by the NRC. Enclosure 2 provides a determination of severity level and a description of the corrective actions taken by the Army to address the violations.

<p>Enclosures contain Sensitive Unclassified Non-Safeguards Information. Upon separation, this cover letter is decontrolled.</p>

S. Zhu, PhD.

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The NRC has concluded that information regarding the reason for the violation and the corrective actions taken and planned to correct the violation and prevent recurrence is already adequately addressed in our records. Therefore, you are not required to respond to this letter unless the description of your corrective actions in Enclosure 2 does not accurately reflect your actions or your position. In that case, or if you choose to provide additional information, you should follow the instructions specified in the enclosed Notice.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be made available electronically for public inspection in the NRC Public Document Room located at NRC Headquarters in Rockville, MD, and from the NRC's document system, the Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. However, the material enclosed herewith contains Security-Related Information in accordance with 10 CFR 2.390(d)(1) and its disclosure to unauthorized individuals could present a security vulnerability. Therefore, the material in the enclosures will not be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. If Security-Related Information is necessary to provide an acceptable response, if you choose to submit one, please mark the top of each page of your response, "Security-Related Information – Withhold Under 10 CFR 2.390." To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information. In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response.

In accordance with 10 CFR Part 19.11, you may be required to post this Notice within two working days. However, you are reminded to review your NRC security requirements that limit the release of information.

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Med, Ind, & Academic Uses**; then **Regulations, Guidance and Communications**. The current Enforcement Policy is included on the NRC's website at www.nrc.gov; select **About NRC, Organizations & Functions; Office of Enforcement; Enforcement documents**; then **Enforcement Policy (Under 'Related Information')**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 8:00 a.m. to 5:30 p.m. EST, Monday through Friday (except Federal holidays).

S. Zhu, PhD.

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Please contact Scott Wilson at (610) 337-5136 if you have any questions regarding this matter.

Sincerely,

/RA/

Blake D. Welling, Chief
Commercial, Industrial, R&D and
Academic Branch
Division of Nuclear Materials Safety

Enclosures:

1. Notice of Violation (Non-Public)
2. Determination of Severity Level and
Description of Corrective Actions (Non-Public)

cc with Enclosures: David Walsh, C.H.P., Lead Health Physicist
Army Radiation Standards Lab

Mark A. Ayers, Health Physicist
U.S. Army TMDE Support Center

Eddie Bryant, Acting Chief
U.S. Army TMDE Support Center

cc w/o Enclosures: Alan Jacobson, Health Physicist Supervisor
Maryland Dept. of the Environment

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S. Zhu, PhD.

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U.S. Army TMDE Support Center

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cc w/o Enclosures: Alan Jacobson, Health Physicist Supervisor
Maryland Dept. of the Environment

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B. Bickett, RI

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