

January 28, 2013

Mr. Kenneth Bergschultz, Waste Service Manager
AECOM Technical Services, Inc.
4135 Technology Parkway
Sheboygan, WI 53082

SUBJECT: NRC ROUTINE INSPECTION REPORT 03014020/2012001 (DNMS) AND NOTICE
OF VIOLATION – AECOM TECHNICAL SERVICES, INC.

Dear Mr. Bergschultz:

On November 9 and December 19, 2012, two U.S. Nuclear Regulatory Commission (NRC) inspectors conducted a routine inspection at your facilities in Vernon Hills, Illinois and Lansing, Michigan, with continued in-office review through January 17, 2013. The purpose of the inspection was to determine whether activities authorized by the license were conducted safely and in accordance with NRC requirements. The in-office review included review of leak test, training, and inventory records. The findings were discussed with you and members of your staff during a telephonic exit meeting on January 17, 2013.

During this inspection, the NRC staff examined activities conducted under your license related to public health and safety. Additionally, the staff examined your compliance with the Commission's rules and regulations as well as the conditions of your license. Within these areas, the inspection consisted of selected examination of procedures and representative records, observations of activities, and interviews with personnel.

Based on the results of this inspection, the NRC has determined that three Severity Level IV violations of NRC requirements occurred. The violations were evaluated in accordance with the NRC Enforcement Policy included on the NRC's Web site at <http://www.nrc.gov/about-nrc/regulatory/enforcement/enforce-pol.html>. The violations are cited in the enclosed Notice of Violation (Notice) and the circumstances surrounding them are described in detail below; these violations are being cited because they were identified by the inspector.

The first violation concerned the failure to store licensed materials only at authorized locations, as required by Title 10 of the Code of Federal Regulations (CFR), Section 30.34(c). You permanently stored portable moisture density gauges at a facility in Lansing, Michigan in May 2011 but did not request an amendment to your license authorizing the new facility prior to moving the gauges. As a result, your license did not authorize gauge storage at the Lansing facility. The root cause of the violation was your lack of understanding of the requirement to amend your license to authorize a new permanent storage location before storing licensed materials at that location. As corrective action, you submitted an amendment request to add the current address as a location of use on December 26, 2012.

The second violation concerned the failure to conduct a physical inventory of your gauges at a six-month frequency as required by License Condition No. 16 of your NRC license. The gauges at your Lansing facility had been inventoried during their routine leak tests every 12 months; however, no physical inventory was conducted at the six month interval between annual leak tests. The root cause of the violation was a lack of attention to ensuring that the physical inventories were performed timely. As corrective action, you inventoried the gauges on December 4, 2012, and your Radiation Safety Officer (RSO) stated that you will track the physical inventories through a system to ensure that the leak tests are performed timely in the future.

The third violation concerned the failure to review the radiation protection program content and implementation at least annually as required by 10 CFR 20.1101(c). You have no records of any previous program reviews. The root cause of this violation was the RSO's lack of knowledge that such program reviews are required. You stated that, as corrective action, an audit will be completed by February 28, 2013, and audits will be tracked to ensure that future audits are performed timely.

You are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. If you have additional information that you believe the NRC should consider, you may provide it in your response to the Notice. The NRC's review of your response to the Notice will determine whether further enforcement action is necessary to ensure compliance with regulatory requirements.

In addition, NRC management is concerned with the apparent lack of management oversight that appeared to be a contributing factor to the number and type of violations identified. While the day-to-day requirements of this program were being met, higher-level requirements were not being followed. Therefore, please describe what steps you will take in terms of management oversight of this program to reduce the likelihood of these or similar violations occurring in the future, specifically in light of your company's continued growth.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be made available to the public without redaction.

K. Bergschultz

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Please feel free to contact Mr. Andrew Bramnik of my staff if you have any questions regarding this inspection. Mr. Bramnik can be reached at (630) 829-9543.

Sincerely,

/RA/

Tamara E. Bloomer, Chief
Materials Inspection Branch
Division of Nuclear Materials Safety

Docket No. 030-14020
License No. 48-18672-01

Enclosure:
Notice of Violation

cc w/encl: Jerome Russell, RSO
State of Illinois
State of Michigan
State of Wisconsin

K. Bergschultz

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Docket No. 030-14020
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Enclosure:
Notice of Violation

cc w/encl: Jerome Russell, RSO
State of Illinois
State of Michigan
State of Wisconsin

DISTRIBUTION:
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Jared Heck

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NOTICE OF VIOLATION

AECOM Technical Services, Inc.
Vernon Hills, Illinois

Docket No. 030-14020
License No. 48-18672-01

During a U.S. Nuclear Regulatory Commission (NRC) inspection conducted on November 9 and December 19, 2012, with continued in-office review through January 17, 2013, three violations of NRC requirements were identified. In accordance with the Enforcement Policy, the violations are listed below:

- A. Title 10 of the Code of Federal Regulations (CFR) 30.34(c) requires that each licensee confine its possession and use of byproduct materials to the locations and purposes authorized by the license.

Contrary to the above, between May 2011 and December 26, 2012, the licensee failed to confine its possession of byproduct material to the locations authorized by the license. Specifically, the licensee possessed four moisture density gauges containing licensed material at 401 S. Washington Square in Lansing, Michigan, a location not authorized by the license.

This is a Severity Level IV Violation (Section 6.3).

- B. Condition No. 16 to NRC License No. 48-18672-01 states that the licensee shall conduct a physical inventory to account for all sealed sources and devices received and possessed under the license every 6 months.

Contrary to the above, between August 2011 and November 2012, a period greater than 6 months, the licensee failed to conduct physical inventories to account for all sealed sources and devices received and possessed under the license. Specifically, the licensee failed to conduct physical inventories in August 2011, December 2011, and September 2012.

This is a Severity Level IV Violation (Section 6.7).

- C. Title 10 CFR 20.1101(c) requires that the licensee periodically (at least annually) review the radiation protection program content and implementation.

Contrary to the above, as of January 17, 2013, the licensee failed to review the radiation protection program content and implementation. Specifically, the licensee had not reviewed its radiation protection program since approximately December 2010.

This is a Severity Level IV Violation (Section 6.7).

Pursuant to the provisions of 10 CFR 2.201, AECOM Technical Services, Inc., is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001, with a copy to the Regional Administrator, Region III, within 30 days of the date of the letter transmitting this Notice of Violation (Notice).

Enclosure

This reply should be clearly marked as a "Reply to a Notice of Violation; IR 03014020/2012001(DNMS) and should include for each violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation or severity level; (2) the corrective steps that have been taken and the results achieved; (3) the corrective steps that will be taken; and (4) the date when full compliance will be achieved. Your response may reference or include previous docketed correspondence, if the correspondence adequately addresses the required response. If an adequate reply is not received within the time specified in this Notice, an order or a Demand for Information may be issued as to why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time. If you contest this enforcement action, you should also provide a copy of your response, with the basis for your denial, to the Director, Office of Enforcement, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosures, and your response, will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be made available to the public without redaction. If personal privacy or proprietary information is necessary to provide an acceptable response, then please provide a bracketed copy of your response that identifies the information that should be protected and a redacted copy of your response that deletes such information. If you request withholding of such material, you must specifically identify the portions of your response that you seek to have withheld and provide in detail the bases for your claim of withholding (e.g., explain why the disclosure of information will create an unwarranted invasion of personal privacy or provide the information required by 10 CFR 2.390(b) to support a request for withholding confidential commercial or financial information). If safeguards information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21. If Classified Information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR Part 95.

In accordance with 10 CFR 19.11, you may be required to post this Notice within two working days.

Dated this 28th day of January 2013.