



Environmental Services

Rich Dailey, Sr. Director
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July 24, 2008

Charles Miller, Director
Office of Federal and State Materials
and Environmental Management Programs
U.S. Nuclear Regulatory Commission
One White Flint North
11545 Rockville Pike
Rockville, MD 20852

Subject: Report of Damaged Tritium Exit Sign

Dear Dr. Miller:

Pursuant to 10 CFR § 31.5(a), Wal-Mart Stores, Inc. ("Wal-Mart") is a general licensee of the U.S. Nuclear Regulatory Commission ("NRC") because it possesses and uses byproduct material in the form of tritium exit signs ("TES") regulated by the NRC. Consistent with 10 CFR § 31.5(c)(5), Wal-Mart is providing the subject report regarding one damaged TES that it discovered at store #1524 located in Chester, Virginia.

Attachment A provides a brief description of the events associated with the damaged TES and corrective actions taken. Information on all damaged TES is provided below:

| <u>Serial #</u> | <u>Curies</u> | <u>Damage Date</u> | <u>Store Location</u> |
|-----------------|---------------|--------------------|------------------------------------|
| A2D011 | 7.5 | unknown | 12000 Iron Bridge Rd., Chester, VA |

Please contact me at (479) 204-9914, if you have any questions regarding this letter or the attached report.

Sincerely,

Richard Dailey
Radiation Safety Officer
Wal-Mart Stores, Inc.

FSME-CODE 10 - SOURCE REVIEW COMPLETE

"PUBLICLY AVAILABLE"

cc: Angela Washington, Wal-Mart Stores, Inc.
Thomas Poindexter, Morgan Lewis & Bockius LLP

08/01/2008

FSME10

Attachment A

A. Description of Events

On June 24, 2008, Wal-Mart Stores, Inc. ("Wal-Mart") representatives and its contractor Shaw Group, Inc. ("Shaw") visited Wal-Mart store #1524 in Chester, Virginia to inventory tritium exit signs ("TES"). Wal-Mart has retained Shaw, an environmental services contractor with extensive experience with the management of radioactive material, for its company-wide program to inventory TES. During the inventory at the Chester store, Shaw discovered one damaged TES with tritium-containing tubes that failed a glow test. The TES was installed in the lawn and garden area of the store.

B. Actions Taken

Interviews with the store managers and associates did not provide any information as to when or how the TES was damaged. Shaw personnel packaged removed and packaged the TES for transfer according to protocols established by Isolite, a specific licensee authorized to receive TES for disposal. The Wal-Mart Radiation Safety Officer ("RSO") directed a Certified Health Physicist ("CHP") from Dade Moeller & Associates ("Dade Moeller") to visit the Chester store to conduct radiological surveys and decontaminate the areas to ALARA levels, as necessary. Dade Moeller is a contractor retained by Wal-Mart with the responsibility to assess the radiological impacts of damaged TES. A CHP is planning to visit the Chester store by August 1, 2008. Wal-Mart anticipates providing the NRC with a supplemental report within 30 days after the date of that visit.

C. Long-term Corrective Actions

Wal-Mart has implemented and communicated protocols to its stores for the proper handling of TES to ensure public health and safety and the protection of its employees. It is also inventorying all of the TES at its sites across the country to re-establish the accuracy of its records and to track the current locations of the TES. The intent of this program is to ensure that all TES are accounted for and are handled properly. As a part of this program, Wal-Mart has employed Shaw to inventory TES, and a team of CHPs from Dade Moeller to properly handle TES and prepare and arrange for their return to a specific licensee.

D. Shipping Details

Wal-Mart transferred the damaged TES to a specific licensee authorized to receive the damaged TES on June 24, 2008. Wal-Mart sent a report of that transfer to the NRC on July 24, 2008.