

"Saving People Money So They Can Live Better"



Environmental Services

Rich Dailey, Sr. Director

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October 29, 2008

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

Subject: Supplemental Report of Damaged Tritium Exit Sign

Dear Dr. Miller:

On October 3, 2008, consistent with 10 CFR § 31.5(c)(5), Wal-Mart Stores, Inc. ("Wal-Mart") provided the U.S. Nuclear Regulatory Commission ("NRC") with a report regarding one damaged tritium exit sign ("TES") that it discovered at store #2371, located in Wallingford, Connecticut. In that report, Wal-Mart committed to provide a supplemental report regarding a visit by a Certified Health Physicist from Dade Moeller & Associates to that store. That supplemental report is provided herein as Attachment A.

Information on the damaged TES is provided below:

<u>Serial #</u>	<u>Curies</u>	<u>Damage Date</u>	<u>Store Location</u>
255379	11.5	Prior to 06/2008 (est.)	844 N. Colony Rd., Wallingford, CT

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 - SUNSF REVIEW COMPLETE

"PUBLICALLY AVAILABLE"

10/31/2008

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

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Attachment A

A. Actions Taken

On September 24, 2008, a Certified Health Physicist (“CHP”) from Dade Moeller & Associates (“Dade Moeller”) visited Wal-Mart store #2371 in Wallingford, Connecticut to conduct radiological surveys and decontaminate the areas to ALARA levels, as necessary. As reported on October 3, 2008, Shaw Group, Inc. removed and packaged the damaged TES for transfer according to a protocol established by Isolite, a specific licensee authorized to receive TES for disposal, during a previous store visit on September 3, 2008. Interviews with store managers and associates provided no additional information as to when or how the TES was damaged.

The CHP, after removing the TES, cleaned the mounting location and conducted swipe surveys of the areas deemed likely to have become contaminated by wiping a 100 cm² area (approximately 4 X 4 inches) with a paper disk. The disks were then placed in 7 ml vials and shipped to Dade Moeller’s certified laboratory. The results appear in Table 1.

Table 1. Removable Contamination Surveys

Description, Location	Results (dpm/100 cm ²)
Field Blank	1
Field Blank	3
Plywood header, left of TES mounting location	4
Plywood header, right of TES mounting location	1
Plywood header, above TES mounting location	4
Plywood header, below TES mounting location	15
Floor, directly beneath TES mounting location	13
Field Blank	13

The results do not reveal any areas with significantly elevated levels of removable contamination. Because the area is safe for unrestricted use, the CHP concluded that no additional action is necessary.

B. Shipping Details

Wal-Mart transferred the TES to a specific licensee authorized to receive damaged TES on September 4, 2008. Wal-Mart sent the NRC a report of that transfer on October 3, 2008.