

"Saving People Money So They Can Live Better"



Environmental Services

Rich Dailey, Sr. Director

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September 8, 2008

Director Charles Miller
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: Supplemental Report of Damaged Tritium Exit Sign

Dear Director Miller:

On August 13, 2008, consistent with 10 CFR § 31.5(c)(5), Wal-Mart Stores, Inc. ("Wal-Mart") provided the Nuclear Regulatory Commission ("NRC") with a report regarding one damaged tritium exit sign ("TES") that it discovered at store #5048, located in New Hudson, Michigan. In that report, Wal-Mart committed to provide a supplemental report regarding a visit by Wal-Mart representatives and 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>
290838	20.0	Prior to 03/2008 (est.)	30729 Lyon Center Dr. E., New Hudson, MI

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.

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

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09/10/2008

FSME10

Attachment A

A. Actions Taken

On July 30, 2008, Wal-Mart representatives and a Certified Health Physicist ("CHP") from Dade Moeller & Associates ("Dade Moeller") visited Wal-Mart store #5048 in New Hudson, Michigan to conduct radiological surveys and decontaminate the area to ALARA levels, as necessary. Inadvertently, Wal-Mart reported on August 13, 2008, that the CHP removed and packaged the TES for transfer, and that the TES was transferred on July 30, 2008. However, the TES that the CHP removed was an intact TES, serial #290847, and not the damaged TES. The damaged TES, serial #290838, was removed and packaged by Shaw Group, Inc. during its earlier visit on July 13-14, 2008. The damaged TES was transferred on July 13, 2008.

Interviews with the store managers and associates indicated that the damaged TES had fallen to ground a number of times as a result of tires being moved on and off of the rack. The individuals interviewed stated that the last time the TES fell was approximately six months ago by an employee who no longer works at the store.

The CHP 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 ¹ (dpm/100 cm ²)
Field blank	-5
Floor under TES	10
Floor 2 ft in front of TES	20
Floor 2 ft behind TES	-6
TES mounting location	20
Unaffected area 1 for comparison due to presence of grease	0
Unaffected area 2 for comparison due to presence of grease	20
Package smear	-2

¹ Net results; average background = 22 dpm H-3.

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 damaged TES to a specific licensee authorized to receive the damaged TES on July 13, 2008. Wal-Mart sent the NRC a report of that transfer on August 8, 2008.