

"Saving People Money So They Can Live Better"



# Environmental Services

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Radiation Safety Officer

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July 25, 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: Supplemental Report of Damaged Tritium Exit Sign

Dear Dr. Miller:

On July 1, 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 supplemental report regarding one damaged tritium exit signs ("TES") that it discovered at store #1752 located in Bay City, Michigan. In that report, Wal-Mart committed to provide an additional supplemental report regarding as-left contamination levels. 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>
300050	11.5	Prior to 01/2008 (est.)	3921 Wilder Rd., Bay City, 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

FSME - G0810 - SUNSET REVIEW COMPLETE

"PUBLICALLY AVAILABLE"

08/29/2008

FSME10

## Attachment A

### A. Actions Taken

As reported on June 4, 2008, a Certified Health Physicist (“CHP”) from Dade Moeller & Associates (“Dade Moeller”) visited Wal-Mart store #1752 in Bay City, Michigan on June 17, 2008, and conducted swipe surveys of the areas deemed likely to have become contaminated by wiping a 100 cm<sup>2</sup> area (approximately 4 X 4 inches) with a paper disk. Wal-Mart Stores, Inc. (“Wal-Mart”) now provides the results in Table 1.

**Table 1.** Removable Contamination Sampling (100 cm<sup>2</sup> swipe samples).

Description, Location	Net Results (dpm/100 cm <sup>2</sup> )
Field blank	22
Floor below the TES prior to TES and plywood removal	10
Bottom edge of TES prior to TES and plywood removal	97,000
Plywood header below TES prior to TES and plywood removal	15,000
Plywood header to the left of the TES after cleaning (prior to plywood removal)	23
Plywood header to the right of the TES after cleaning (prior to plywood removal)	28
Plywood header on right side of TES former location (prior to plywood removal)	1,300
Plywood header on left side of TES former location (prior to plywood removal)	450
Plastic sheet on floor – left side	23
Plastic sheet on floor – right side	580
Floor after plastic sheet was removed	12
Field blank	4
Exterior top of boxed TES	18
Exterior bottom of boxed TES	1

The only area with significantly elevated activity following removal of the TES was on the plywood around the TES mounting location. Because of the elevated activity detected at that mounting location, the CHP removed the plywood from the wall. After removing the plywood, the CHP cleaned the area and resurveyed it for contamination. All results were ALARA. The plywood was packaged in a lined, ORM-D box, sealed, marked as TES waste, and stored in the store claims area. Wal-Mart will contact a waste broker to pick up and ship the waste to a low-level waste depository for disposal. 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 June 17, 2008. Wal-Mart sent the NRC with a report of that transfer on July 17, 2008.