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Environmental Services

Rich Dailey, Sr. Director

Radiation Safety Officer

1300 SE 8th Street, MS 0605
Bentonville, AR 72716-0605
Phone 479.204.9914
Rich.Dailey@wal-mart.com
www.walmart.com

September 29, 2008

Dr. 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 August 27, 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 #1625, located in Le Mars, Iowa. 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>
unknown	20.0	Prior to 03/2008 (est.)	1111 Holton Dr., Le Mars, IA

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 - 60810 - SUNSI REVIEW COMPLETE

"PUBLICALLY AVAILABLE"

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

10/01/2008

FSMETO

Attachment A

A. Actions Taken

On August 19, 2008, a Certified Health Physicist (“CHP”) from Dade Moeller & Associates (“Dade Moeller”) visited #1625 in Le Mars, Iowa to conduct radiological surveys, package the tritium exit sign (“TES”) for disposal, and decontaminate the area to ALARA levels, as necessary. As reported on August 19, 2008, the CHP removed and packaged the TES for transfer according to protocols established by Isolite, a specific licensee authorized to receive TES for disposal. Interviews with the store managers and associates did not provide any additional information as to when or how the TES was damaged.

The CHP, after removing the TES, 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 Monitoring (100 cm² swipe samples).

Description, Location	Results ¹ (dpm/100 cm ²)
Field blank	-0.7
Inside of plastic backing	73.3
TES mount area	6.3
1 foot right of TES mounting location	1.3
1 foot left of TES mounting location	0.3
Top of fire water pipe in front of TES	3.3
Floor under TES	-2.7
1 foot right of swipe 56	6.3
1 foot left of swipe 56	-6.7
Package smear	4.3

¹ Net results; average background = 17.7 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 damaged TES on August 20, 2008. Wal-Mart sent the NRC a report of that transfer on September 19, 2008.