

"Saving People Money So They Can Live Better"



Environmental Services

Rich Dailey, Sr. Director

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August 21, 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 provided the U.S. Nuclear Regulatory Commission ("NRC") with a supplemental report regarding one damaged tritium exit sign ("TES") that it discovered at its store #1685, located in Pierre, South Dakota. In that report, Wal-Mart committed to provide a supplement report regarding a return visit by a Health Physicist from Dade Moeller & Associates to that store. That additional supplement 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>
298043	11.5	01/2006 (est.)	1730 N. Garfield Rd., Pierre, SD

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 - GDE 10- SUNSS REVIEW COMPLETE
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08/26/2008

FSME10

Attachment A

A. Actions Taken

After finding significantly elevated levels of contamination detected on the floor below the TES mounting location, a Health Physicist (“HP”) from Dade Moeller & Associates (“Dade Moeller”) returned to store #1685 in Pierre, South Dakota on August 4, 2008, to decontaminate the area. The HP cleaned the floor below the TES mounting location with 91% isopropyl alcohol. The HP conducted swipe surveys both before and after the cleaning floor 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. Swipe Resurvey Results

Description, Location	Results ¹ (dpm/100 cm ²)
Field Blank	2
Floor area, center under TES pre-clean	-6
Floor area, center 6ft in front of TES pre-clean	0.3
Floor area, 2ft left center under TES post-clean	-1
Floor area, 2 ft right center under TES post-clean	-4
Floor area, center under TES post-clean	-6
Floor area, 3 ft in front of TES 2 ft left center post-clean	-4
Floor area, 3 ft in front of TES 2 ft right center post-clean	7
Floor area, 3 ft in front of TES center post-clean	-6
Floor area, 6 ft in front of TES 2 ft left center post-clean	-6
Floor area, 6 ft in front of TES 2 ft right center post-clean	-8
Floor area, 6 ft in front of TES center post-clean	-4
Field Blank	9

¹ Net results; average background = 9 dpm H-3. MDA=24 dpm.

The results do not reveal any areas with significantly elevated levels of removable contamination. Because the area is safe for unrestricted use, the HP 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 June 11, 2008. Wal-Mart sent the NRC a report of that transfer on July 10, 2008.