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Environmental Services

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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 sign ("TES") that it discovered at store #2192 located in Houghton, 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>
301863	11.5	unknown	995 Razorback Dr., Houghton, 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. GDE-16 - SUNCI REVIEW COMPLETE

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07/29/2008

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Attachment A

A. Actions Taken

As reported on July 1, 2008, a Certified Health Physicist (“CHP”) from Dade Moeller & Associates (“Dade Moeller”) visited store #2192 in Houghton, Michigan on June 19, 2008. Interviews with store managers and personnel did not provide any information as when or how the TES was damaged. It appeared from damage to the wall and TES that the TES was likely hit by a forklift. The CHP removed and packaged the TES for transfer according to protocols established by Isolite, a specific licensee authorized to receive TES for disposal. As previously reported, the CHP also conducted swipe surveys. The results appear in Table 1.

Table 1. Removable Contamination Sampling (100 cm² swipe samples).

Description, Location	Net Results (dpm/100 cm ²)
Field blank	-6
Floor below the TES prior to cleaning or removal of TES and plywood	-5
Bottom edge of TES prior to cleaning or removal of TES and plywood	1,400
Plywood header below TES prior to cleaning or removal of TES and plywood	2,800
Plywood header to the left of the TES after cleaning (prior to plywood removal)	-3
Plywood header on left side of TES former location (prior to plywood removal)	12,700
Plywood header on right side of TES former location (prior to plywood removal)	25,200
Plywood header to the right of the TES after cleaning (prior to plywood removal)	400
Sheetrock on left side of doorway	-3
Sheetrock on right side of doorway	-7
Floor after plastic sheet was removed	10
Field blank	1
Exterior top of boxed TES	1
Exterior bottom of boxed TES	-3

Note: The minimum detectable activity for the sample counting method is 24.6 dpm/100 cm². Negative numbers reflect random statistical variation in the background activity.

The only areas with significantly elevated activity following removal of the TES were on the plywood around the TES mounting locations. Because of the elevated activity detected at the mounting locations, the CHP removed the plywood from the wall at those locations. After removing the plywood, all results were less than 1000 dpm/100 cm². 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. Wal-Mart sent the NRC a report of that transfer on July 18, 2008.