"Saving People Money So They Can Live Better"

Walmart

Environmental Services

Rich Dailey, Sr. Director

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July 18, 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 June 6, 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 report regarding one damaged TES that it discovered at store #2014 located in Houghton Lake, Michigan. 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:

Serial #	Curies	Damage Date	Store Location
280879	11.5	unknown	2129 West Houghton Lake Dr. Houghton Lake, 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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Attachment A

A. Actions Taken

On June 17, 2008, a Certified Health Physicist ("CHP") from Dade Moeller & Associates ("Dade Moeller") visited store #2014 in Houghton Lake, Michigan. Interviews with store managers and associates did not provide any additional information as to when or how the TES was damaged. The CHP removed and packaged the TES for transfer according to protocols established by Isolite, a specific licensee authorized to receive TES for disposal.

The CHP, after removing the TES, cleaned the mounting location and conducted swipe surveys of the areas deemed likely to have become contaminated by wiping a 100 cm^2 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 Sampling (100 cm^2 swipe samples).

Description, Location	Results (dpm/100 cm^2)
Field blank	4
Floor below the TES "as found"	7
Bottom edge of TES "as found" (prior to removal)	1,950
Plywood header below TES "as found" (prior to removal)	18,800
Plywood header to the left of the TES after cleaning (after cleaning but prior to removal)	7
Plywood header to the right of the TES after cleaning (after cleaning but prior to removal)	3
Plywood header on right side of TES former location (after cleaning but prior to removal)	48
Plywood header on left side of TES former location (after cleaning but prior to removal)	97
Plastic sheet on floor – left side	8
Plastic sheet on floor – right side	7
Field blank	-2
Floor after plastic sheet was removed	4
Exterior top of boxed TES	-3
Exterior bottom of boxed TES	10
Exterior top of boxed waste	3
Exterior bottom of boxed waste	-2
Field blank	7

The minimum detectable activity for the method is 31.9 dpm/100 cm^2. Negative numbers reflect random statistical variation in the background activity.

The only area with significantly elevated activity was on the TES itself and on the plywood at 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. Wal-Mart sent the NRC a report of that transfer on July 17, 2008.