"Saving People Money So They Can Live Better"

Walmart

# 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

December 5, 2008

Dr. Charles Miller, Director
Office of Federal and State Materials
and Environmental Management Programs
U.S. Nuclear Regulatory Commission
Two White Flint North
11545 Rockville Pike
Rockville, MD 20852

Subject: Supplemental Report of Damaged Tritium Exit Sign

Dear Dr. Miller:

On October 30, 2008, consistent with 10 CFR § 31.5(c)(5), Wal-Mart Stores, Inc. ("Wal-Mart") provided the U.S. Nuclear Regulatory Commission with a report regarding one damaged tritium exit sign ("TES") that it discovered at store # 5253, located in Chesapeake, Virginia. 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 |
|---|---|---|---|
| 345185 | 11.5 | unknown | 632 Grassfield Pkwy., Chesapeake, Virginia |

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 - Code 10 - SUNSI Review Complete
"Publically Available"
2008/12/10.

FSME10

Attachment A

A. Actions Taken

On October 27, 2008, a Certified Health Physicist ("CHP") from Dade Moeller & Associates ("Dade Moeller") visited store #5253 in Chesapeake, Virginia to conduct radiological surveys, package the damaged tritium exit sign ("TES") for disposal, and decontaminate the area to ALARA levels, as necessary. 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, 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 Surveys

| Description, Location | Results (dpm/100 $cm^2$) |
|---|---|
| Plywood header, 0-4" to the left of the TES mounting area | 8 |
| Plywood header, 0-4" to right of the TES mounting area | 8 |
| Plywood header, left side of TES mounting area | 26 |
| Plywood header, right side of TES mounting area | 17 |
| Left door jam, ~5' above floor | -12 |
| Right door jam, ~5' above floor | 18 |
| Floor, directly under TES mounting area | 190 |
| Floor, 4' in front of TES mounting area | -1 |
| Floor, 4' behind TES mounting area | 14 |
| Field Blank | 10 |
| Package Smear | 14 |
| Package Smear | 1 |

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 October 30, 2008. Wal-Mart sent the NRC a report of that transfer on November 26, 2008.