



Environmental Services

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November 18, 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 September 22, 2008, consistent with 10 CFR§ 31.5(c)(5), Wal-Mart Stores, Inc. ("Wal-Mart") provided the U.S. Nuclear Regulatory Commission ("NRC") a report regarding one damaged tritium exit sign ("TES") that it discovered at store #3520 located in Secaucus, New Jersey. In that report, Wal-Mart committed to provide a supplemental report regarding a visit by a Wal-Mart representative and 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>
283518	20.0	After 4/15/2008 (est.)	400 Park Place, Secaucus, NJ

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 - GDC 10 - SOURCE REVIEW COMPLETE
"PUBLICLY AVAILABLE"
2008/12/08

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

Attachment

FSME10

Attachment A

A. Actions Taken

On October 14, 2008, a Wal-Mart representative and a Certified Health Physicist (“CHP”) from Dade Moeller & Associates (“Dade Moeller”) visited Wal-Mart store #3520 in Secaucus, New Jersey to conduct radiological surveys, package the tritium exit sign (“TES”) for disposal, and decontaminate the areas to ALARA levels, as necessary. Interviews with the store managers and associates provided no additional information as to when or how the TES was damaged. The CHP removed and packaged the TES for transfer according to a protocol established by Isolite, a specific licensee authorized to receive TES for disposal. The CHP also removed and packaged a small broken piece of the header to the right of the TES mounting location.

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 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 and Direct Contamination Surveys

Removable Contamination Survey Location, Description	Results (dpm/100 cm²)
Field Blank	8
Field Blank	8
Header, left of TES mounting location, pre-clean	2600
Header, behind TES mounting location, pre-clean	23,400
Face of small broken header piece (packaged and shipped with TES), ~3”x 7”	4700
Header, right of TES mounting location, pre-clean	1400
Header, left of TES mounting location, post-clean	62
Header, behind TES mounting location, post-clean	150
Header, right of TES mounting location, post-clean	0
Shipping Box	9
Shipping Box	3

After cleaning and removal of the broken piece of header, 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 14, 2008. Wal-Mart sent the NRC a report of that transfer on November 13, 2008.