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Environmental Services

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September 5, 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 24, 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 tritium exit sign ("TES") that it discovered at store #1524, located in Chester, 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
A2D011	7.5	unknown	12000 Iron Bridge Rd., Chester, VA

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

Attachment

FSME - Code 10. SUNSI Review Complete
Publically Available
09/10/2008

FSME10

Attachment A

A. Actions Taken

On July 29, 2008, a Certified Health Physicist ("CHP") from Dade Moeller & Associates ("Dade Moeller") visited Wal-Mart store #1524 in Chester, Virginia to conduct radiological surveys and decontaminate the areas to ALARA levels, as necessary. As reported, Shaw Group, Inc. had removed and packaged the TES during its earlier store visit on June 24, 2008. Interviews with the store managers and associates provided no information as to when or how the TES was damaged.

The CHP 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.

Description, Location	Results (dpm/100 cm^2)
Field blank	15
0-4" left of mounting location	-0.3
0-4" right of mounting location	3
Above mounting location	6
Below mounting location	-1
Left door jam, ~5' above floor	-4
Right door jam, ~5' above floor	3
Floor, 4' in front of door (inside store)	4
Floor, directly under mounting location	-8
Floor, 4' back of door (outside store)	5

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.