



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

September 15, 2008

Director Charles Miller
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 Signs

Dear Director Miller:

On August 11, 2008, consistent with 10 CFR § 31.5(c)(5), Wal-Mart Stores, Inc. ("Wal-Mart") provided the Nuclear Regulatory Commission ("NRC") with a report regarding two damaged tritium exit sign ("TES") that it discovered at store #250, located in Warsaw, Missouri. In that report, Wal-Mart committed to provide a supplemental report regarding a visit by Wal-Mart representatives 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>
297082	20.0	unknown	103 West Polk St., Warsaw, MO
297097	20.0	unknown	103 West Polk St., Warsaw, MO

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.

09/15/2008

FSME10

Attachment A

A. Actions Taken

Wal-Mart Stores, Inc. ("Wal-Mart") representatives and Certified Health Physicist ("CHP") from Dade Moeller & Associates ("Dade Moeller") visited Wal-Mart store #250 in Warsaw, Missouri on August 6, 2008, to conduct radiological surveys, package the TES for disposal, and decontaminate the areas to ALARA levels, as necessary. After inspecting TES Serial #297097, the CHP concluded that its tritium-containing tubes all glowed and were intact; therefore, this TES was not actually damaged. To the extent it addresses TES Serial #297097, Wal-Mart is withdrawing its damaged TES report which was sent to the NRC on August 11, 2008.

Interviews with the store managers and associates indicated that TES Serial #297082 was knocked to the floor by vendors placing goods on a high shelf near the TES mounting location approximately two and a half years ago. An associate replaced the TES. The CHP removed and packaged TES Serial #297082 for transfer according to a protocol established by Isolite, a specific licensee authorized to receive TES for disposal. Although not damaged, TES Serial #297097 was included in the transfer to Isolite.

The CHP, after removing TES Serial #297082, 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 contamination surveys, TES Serial #297082.
All swipes taken after critically-damaged TES was removed.

Description, Location	Results (dpm/100 cm ²)
Field blank	-10
Package smear	-15
Package smear	-3
Floor 2 m from TES mounting location	4
Floor 1 m from TES mounting location	-7
Floor – directly below removed TES	-7
Floor – directly below removed TES	-6
Floor – directly below removed TES	-3
Floor below TES mounting location and under shelf	-6
Floor 1 m beyond TES mounting location	-1
Floor 2 m beyond TES mounting location	-5
Field blank	-5
Hallway	-3
Hallway	-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.

B. Shipping Details

Wal-Mart transferred the TES to a specific licensee authorized to receive the damaged TES on August 6, 2008. Wal-Mart sent the NRC a report of that transfer on September 5, 2008.