

**TREAT AS  
SENSITIVE  
INFORMATION**

# Environmental Services

Rich Dailey, Sr. Director

Radiation Safety Officer

1300 SE 8<sup>th</sup> Street, MS 0605  
Bentonville, AR 72716-0605  
Phone 479.204.9914  
Rich.Dailey@wal-mart.com  
www.walmart.com

June 20, 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 May 23, 2008, consistent with 10 CFR § 31.5(c)(5), Wal-Mart Stores, Inc. ("Wal-Mart") provided the U.S. Nuclear Regulatory Agency ("NRC") with a supplemental report regarding one damaged TES that it discovered at store #5319 located in MacArthur, West Virginia. In that report, Wal-Mart committed to provide the NRC with an additional supplemental report regarding as-left contamination levels. That additional supplemental report is provided herein as Attachment A.

Information on the damaged TES is provided below:

<u>Serial #</u>	<u>Curie Content</u>	<u>Date of Damage</u>	<u>Store Location</u>
314074	11.5	Prior to 08/2007	1881 Robert C. Byrd Drive MacArthur, WV

Please contact Richard Dailey 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

FSMETD

## Attachment A

### A. Actions Taken

As reported on May 23, 2008, a Certified Health Physicist ("CHP") from Dade Moeller & Associates ("Dade Moeller") visited store #5319 in MacArthur, West Virginia on May 21, 2008 to conduct radiological surveys, package the TES for disposal, and decontaminate the area to ALARA levels, as necessary. The TES was not found installed in the non-public back section of the store as previously reported by Shaw Group, Inc. ("Shaw"). The only information obtained about the TES was that one individual thought it was found on the floor May 17, 2008. The CHP later located the TES on a plastic cooler in a non-public office area of the store. 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 then conducted swipe surveys of the areas likely to be contaminated by wiping a 100 cm<sup>2</sup> area (approximately 4 X 4 inches) with a paper disk. The disks were placed in 7 ml vials and shipped to Dade Moeller's certified laboratory. The results are appear in Table 1.

**Table 2.** TES 314074 Removable Contamination Monitoring (100 cm<sup>2</sup> swipe samples)

Description, Location	Results (dpm/100 cm <sup>2</sup> )
Blank	30
Left door jam - 1 foot from floor	-0.7
Left door jam - 5 foot from floor	3
1 foot from TES left side	19
6" from TES left side	16
Behind TES	-3
6 " to right of TES	14
1' to right of TES	17
Right door jam 5' from floor	-2
Right door jam 1' from floor	12
Floor approximately 3' from doorway center	-1
Blank	1
Plastic cooler top on which TES was placed (different room)	7,200

The only area with elevated activity was on the plastic cooler on which the TES was placed. Because of the elevated activity detected on the cooler, a CHP returned to the MacArthur store on June 19, 2008 to package and box the cooler lid. A waste broker will be contacted to pick up and ship the waste for disposal to a low-level waste depository.

### B. Shipping Details

Wal-Mart anticipates shipping the damaged TES to a specific licensee authorized to receive the damaged TES, within 30 days of this report.