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Walmart

Environmental Services

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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 Signs

Dear Dr. Miller:

On June 12, 2008, consistent with 10 CFR § 31.5(c)(5), Wal-Mart provided the U.S. Nuclear Regulatory Commission ("NRC") with a report regarding three damaged TES that it discovered at its store #1942 located in Holland, Michigan. In that report, Wal-Mart committed to provide a supplement report regarding as-left contamination levels. That supplement report is provided herein as Attachment A.

Information on the damaged TES is provided below:

Serial #	Curies	Damage Date	Store Location
254558	20.0	03/08-04/08 (est.)	2629 North Park Dr., Holland, MI
254559	20.0	03/08-04/08 (est.)	2629 North Park Dr., Holland, MI
unknown	20.0 (est.)	01/08-04/08 (est.)	2629 North Park Dr., Holland, MI

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-10

FSME C0210 - SUNSI REVIEW COMPLETE
a PUBLICALLY AVAILABLE "

Attachment A

A. Actions Taken

As reported on June 12, 2008, Wal-Mart representatives a Certified Health Physicist ("CHP") from Dade Moeller & Associates ("Dade Moeller") visited store #1315 in Cheyenne, Wyoming on June 11, 2008. Interviews with store managers and associates did not provide any additional information as to when or how any of the TES were damaged. The CHP removed and packaged all three TES for transfer according to protocols established by Isolite, a specific licensee authorized to receive TES for disposal.

The CHP, after removing the TES, cleaned the mounting locations 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 2, and Table 3 for TES Serial #254559, TES Serial #254558, and the third TES with an unknown serial number, respectively.

Table 1. TES Serial #254559 (100 cm^2 swipe samples)

Bkg = 42.4 dpm

Description, Location	Net Results (dpm/100 cm^2)
Field Blank	8
Field Blank	-20
Floor, right side	25
Floor, center below TES	57
Floor, left side	33
Wall, left side	-5
Wall, left of TES	-9
Wall, right side	-7
Wall, behind TES location (prior to plywood removal)	1,200
Wall, right of TES	-4
Plywood Removal Survey	
Field Blank	5
Entrance floor, right side (after plastic removal)	-5
Entrance floor, center (after plastic removal)	250
Entrance floor, left side (after plastic removal)	57
Drywall, after plywood removal	330

Table 2. TES Serial #254558 (100 cm^2 swipe samples)

Bkg = 42.4 dpm

Description, Location	Net Results (dpm/100 cm^2)
Field Blank	16
Field Blank	1
Floor, right side	140
Floor, center below TES	522
Floor, left side	850
Wall, left side	-11
Wall, left of TES	3
Wall, right of TES	2
Wall, right side	710
Wall, behind TES location (prior to plywood removal)	1700
Plywood Removal Survey	
Field Blank	9
Outside where plywood was cut	9
Outside where plywood was cut	14
Entrance floor, right side (after plastic removal)	410
Entrance floor, center (after plastic removal)	61
Entrance floor, left side (after plastic removal)	2,400
Drywall, after plywood removal	61
Waste box package swipe	65
Waste box package swipe	24

Table 3. TES with unknown serial number (100 cm^2 swipe samples)

Bkg = 42.4 dpm

Description, Location	Net Results (dpm/100 cm^2)
Field Blank	-7
Floor, right side	-12
Floor, left side	4
Support beam where TES was mounted	26
TES box package swipe	6
TES box package swipe	-9

Areas with significantly elevated activity were detected on and around the plywood headers at the previous TES mounting locations for TES Serial #254559 and TES Serial #254559 (1,200 dpm/100 cm^2 and 1,700 dpm/100 cm^2, respectively), and on the floor to the left of TES Serial #254558 mounting location (2,400 dpm/100 cm^2). Because of the elevated activity detected around the plywood headers at the two mounting locations, the CHP removed the plywood from the wall at both of those locations. After removing the plywood, all removable contamination levels on the wall around both TES mounting locations were less than 1000 dpm/100 cm^2. The plywood was packaged in a lined, ORM-D box, sealed, marked as TES waste, and stored in the store claims area. Wal-Mart will contact a waste broker to pick up and ship the waste for disposal to a low-level waste depository.

Because of the elevated levels of contamination detected on the floor, a CHP will return to the store to decontaminate the area to ALARA levels. Wal-Mart anticipates providing the NRC with an additional supplemental report within 30 days of the date of that return visit.

B. Shipping Details

Wal-Mart transferred the damaged TES to a specific licensee authorized to receive the damaged TES on June 12, 2008. Wal-Mart sent the NRC a report of that transfer on July 1, 2008.