



# Environmental Services

Rich Dailey, Sr. Director

Radiation Safety Officer

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December 5, 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: Report of Lost Tritium Exit Signs & Corrective Report

Dear Dr. Miller:

Pursuant to 10 CFR § 31.5(a), Wal-Mart Stores, Inc. ("Wal-Mart") is a general licensee of the Nuclear Regulatory Commission because it possesses and uses byproduct material in the form of tritium exit signs ("TES") in various states subject to NRC regulation. Consistent with 10 CFR §§ 31.5(c)(10) and 20.2201(a)(ii), Wal-Mart is providing the subject report regarding eleven TES lost from multiple store locations, and one TES, previously reported as lost, that has been found.

Wal-Mart Stores, Inc. ("Wal-Mart") has employed the Shaw Group, Inc. ("Shaw"), an environmental services contractor with extensive experience in the management of radioactive material, for its company-wide program to inventory and replace TES with non-tritium exit signs. Wal-Mart has arranged for the return of all of Wal-Mart's TES to a specific licensee authorized to receive TES for disposal, and also has engaged a team of health physicists from Dade Moeller & Associates to properly handle damaged TES and conduct radiological surveys, as necessary.

Each TES listed below was installed when Shaw conducted its TES inventory at the stores, but was not found when Shaw returned to replace the TES with non-tritium exit signs:

Serial #	Curies	Store Location	Inventory Date	Replacement Date	Determined Lost
298041	11.5	1730 N. Garfield Rd. Pierre, SD (Store #1695)	04/30/08	06/26/08	11/10/08
162266	unknown	3501 Route 42 Turnersville, NJ (Store #1742)	03/11/08	06/13/08	11/10/08
288780	20.0	171 Burgess Rd. Harrisonburg, VA (Store #1726)	02/26/08	06/17/08	11/10/08

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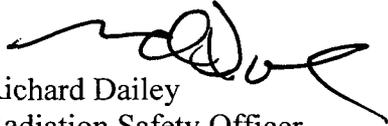
Serial #	Curies	Store Location	Inventory Date	Replacement Date	Determined Lost
unknown	unknown	Ave Rafael Cordero Carr 30 Bo Bairoa Caguas, PR (Store #2449)	07/02/08	09/23/08	11/12/08
315483	unknown	750 Ke'eaumoku St. Honolulu, HI (Store #4755)	06/02/08	09/13/08	11/12/08
315484	unknown	750 Ke'eaumoku St. Honolulu, HI (Store #4755)	06/02/08	09/13/08	11/12/08
275031	unknown	731 E. Rochambeau Rd. Williamsburg, VA (Store #3219)	03/06/08	06/20/08	11/12/08
294096	unknown	1170 N. Military Hwy Norfolk, VA (Store #1811)	02/26/08	06/17/08	11/13/08
294111	unknown	1170 N. Military Hwy Norfolk, VA (Store #1811)	02/26/08	06/17/08	11/13/08
unknown	unknown	1207 Princeton St. Vermillion, SD (Store #3734)	04/30/08	07/12/08	11/13/08
280984	20.0	700 Marketplace Blvd. Hamilton, NJ (Store #2518)	03/11/08	10/02/08	12/01/08

Wal-Mart had no prior information that these TES had been transferred. In addition to the physical searches conducted by Shaw, both Wal-Mart and Shaw representatives conducted interviews with store personnel and reviewed shipment and inventory records, but were not able to learn any additional information about the location or condition of the lost TES. As a result of those investigations, Wal-Mart determined that these TES were lost. Promptly thereafter, the Wal-Mart Radiation Safety Officer reported the loss of the TES by telephone to the Nuclear Regulatory Commission. At this time, Wal-Mart has no additional information regarding the whereabouts of these TES; they remain lost.

In addition, on October 16, 2008, Wal-Mart provided a written report that TES with serial number 368230 was lost from store number 1655 in Crawfordsville, Indiana. On November 6, 2008, Wal-Mart found that TES at the Crawfordsville store and transferred it to a specific licensee authorized to receive TES for disposal. A report of that transfer was sent under separate cover.

Please contact me at (479) 204-9914, if you have any questions regarding this letter.

Sincerely,

  
Richard Dailey  
Radiation Safety Officer  
Wal-Mart Stores, Inc.

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