

# RI - DNMS Licensee Event Report Disposition

Licensee:	Medstar Washington Hospital Center				
Event Description:	Radioactive Material Disposed in Medical Waste				
License No:	08-03604B	Docket No:	0300325	MLER-RI:	2016-008
Event Date:	05/15/15	Report Date:	05/18/15	HQ Ops Event #:	51076

1. REPORTING REQUIREMENT

<input type="checkbox"/> 10 CFR 20.1906 Package Contamination <input checked="" type="checkbox"/> 10 CFR 20.2201 Theft or Loss <input checked="" type="checkbox"/> 10 CFR 20.2203 30 Day Report <input type="checkbox"/> Other	<input checked="" type="checkbox"/> 10 CFR 30.50 Report <input type="checkbox"/> 10 CFR 35.3045 Medical Event <input type="checkbox"/> License Condition
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2. REGION I RESPONSE

<input type="checkbox"/> Immediate Site Inspection <input checked="" type="checkbox"/> Special Inspection <input type="checkbox"/> Telephone Inquiry <input type="checkbox"/> Preliminary Notification/Report <input type="checkbox"/> Information Entered in RI Log <input type="checkbox"/> Report Referred To:	Inspector/Date _____ Inspector/Date <u>Seeley / 6/17/15 - 5/18/16</u> Inspector/Date _____ <input type="checkbox"/> Daily Report <input type="checkbox"/> Review at Next Inspection
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3. REPORT EVALUATION

<input checked="" type="checkbox"/> Description of Event <input checked="" type="checkbox"/> Levels of RAM Involved <input checked="" type="checkbox"/> Cause of Event	<input checked="" type="checkbox"/> Corrective Actions <input type="checkbox"/> Calculations Adequate <input type="checkbox"/> Additional Information Requested from Licensee
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4. MANAGEMENT DIRECTIVE 8.3 EVALUATION

<input type="checkbox"/> Release w/Exposure > Limits <input type="checkbox"/> Repeated Inadequate Control <input type="checkbox"/> Exposure 5x Limits <input type="checkbox"/> Potential Fatality If any of the above are involved: <input type="checkbox"/> Considered Need for IIT Decision/Made By/Date: _____	<input checked="" type="checkbox"/> Deliberate Misuse w/Exposure > Limits <input checked="" type="checkbox"/> Pkgng Failure > 10 rads/hr or Contamination > 1000x Limits <input type="checkbox"/> Large# Indivs w/Exp > Limits or Medical Deterministic Effects <input type="checkbox"/> Unique Circumstances or Safeguards Concerns <input type="checkbox"/> Considered Need for AIT
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5. MANAGEMENT DIRECTIVE 8.10 EVALUATION (additional evaluation for medical events only)

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<input type="checkbox"/> Timeliness - Inspection Meets Requirements (5 days for overdose / 10 days for underdose) <input type="checkbox"/> Medical Consultant Used-Name of Consultant/Date of Report: _____ <input type="checkbox"/> Medical Consultant Determined Event Directly Contributed to Fatality <input type="checkbox"/> Device Failure with Possible Adverse Generic Implications <input type="checkbox"/> HQ or Contractor Support Required to Evaluate Consequences	<i>not a ME</i>
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6. SPECIAL INSTRUCTIONS OR COMMENTS

<input type="checkbox"/> Non-Public <input checked="" type="checkbox"/> Public-SUNSI REVIEW COMPLETE	Inspector Signature: <u>Seeley</u> Branch Chief Initials: <u>[Signature]</u>	Date: <u>6/7/16</u> Date: <u>6/7/16</u> Rev 09/12/13
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Agreement State	Event Number: 51076
Rep Org: MARYLAND DEPT OF THE ENVIRONMENT Licensee: STERICYCLE Region: 1 City: CURTIS BAY State: MD County: License #: NONE Agreement: Y Docket: NRC Notified By: RAY MANLEY HQ OPS Officer: MARK ABRAMOVITZ	Notification Date: 05/18/2015 Notification Time: 08:52 [ET] Event Date: 05/15/2015 Event Time: 21:30 [EDT] Last Update Date: 05/18/2015
Emergency Class: NON EMERGENCY 10 CFR Section: AGREEMENT STATE	Person (Organization): BLAKE WELLING (R1DO) NMSS_EVENTS_NOTIFIC (EMAI)

**Event Text****AGREEMENT STATE REPORT - RADIOACTIVE MATERIAL DISPOSED IN MEDICAL WASTE**

"On May 15, 2015, at about 2130 hours [EDT], Maryland Emergency Management Agency (MEMA) received an emergency notification from Stericycle located at 5800 Chemical Road, Curtis Bay [Baltimore], Maryland 21226. Apparently the biohazardous waste service received I-131 therapy waste from MedStar Washington Hospital (NRC licensee in Washington, D.C.). The waste was an immediate concern; temporarily closing the facility, with some I-131 contamination of facilities. Surveys indicated hot spot contact readings as high as 30 mR/hr with areas of general contamination. A private radiation consultant, Radiation Service Organization (RSO), was called and responded to the scene on 5/16/15. The area is being remediated and has now been reopened. Maryland is investigating the incident."

Stericycle is not licensed to receive radioactive waste.