

PPPL	PRINCETON PLASMA PHYSICS LABORATORY	PROCEDURE	No. EWM-004 Rev. 2 Page 1 of 4
Subject: Satellite Accumulation Areas		Effective Date: March 22, 2013	Initiated by: Head Environmental Services Div.
		Supersedes: Revision 1, dated 5/10/02 and TCR-001	Approved: Director

Management System (Primary): 09.00 ESH and Integrated Safety Management
Management System Owner: Head of ESH&S Department
Management Process: 09.11 ES&H Waste Management
Process Owner: Head of ESH&S Department
Sub-Process: 09.11.01 Hazardous Waste Management
Sub-Process Owner: Head of ESH&S; Head of Environmental Services Division
Subject Matter Expert (SME): Head of ESH&S; Head of Environmental Services; Head of Waste Management

Applicability

This procedure for waste storage in Satellite Accumulation Areas (SAA) is applicable to all hazardous waste satellite accumulation areas at the Department of Energy's Princeton Plasma Physics Laboratory (DOE-PPPL).

Introduction

This procedure defines the methods of designating and documenting SAAs, their inspection, and the transfer of accumulated wastes to the Environmental Services Division (ESD) when satellite accumulation containers are full.

Reference Documents

Code of Federal Regulations, Title 40, Part 262, Subpart C, Sections 262.30 to 262.34, "Pre-Transport Requirements."
Code of Federal Regulations, Title 40, Part 265, Subpart I, Sections 265.170 to 265.178, "Use and Management of Containers."
New Jersey Administrative Code, Title 7, Chapter 26G, Subchapter 6
EWM-001, "Hazardous Waste Management."
EM-OP-04, "On-Site Collection and Transfer of Hazardous Waste."

Definitions

Drum Any container designed to hold more than five (5) gallons of a hazardous material or hazardous waste.

Full A container is full when no more of the particular waste may be added to the container without causing a spill or leak.

Waste Generator A person who generates a hazardous waste.

Satellite Accumulation The practice of collecting up to fifty-five (55) gallons of one compatible hazardous waste stream (or one quart of acutely hazardous waste) at or near the waste generating process which is under the control of one generator for subsequent disposal.

Secondary Containment Device A device that is compatible with the stored material and is designed to contain, without leakage, at least 10% of the volume of the largest container on or in the device.

Procedure

Responsibility

Action

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| Generator/Cognizant Person | 1. Notifies ESD of need for Satellite Accumulation Area (SAA). |
| ESD Waste Manager | 2. Evaluates and approves or disapproves SAA request. Provides guidance to ESD Waste Technician regarding regulatory requirements for SAA. |
| ESD Waste Technician | 3. Inspects proposed SAA with generator and provides proper storage containers, secondary containment (if necessary) and labels. Properly labels containers and SAA. ESD shall provide SAA containers and supplies. |
| | 4. Reviews this procedure with generator and/or designee. |
| | 5. Provides Human Resources a Record of Training for this procedure. |
| | 6. Documents location, type of waste(s) accumulated, generator's/Cognizant Person's name, phone number and department; and any special labeling or housekeeping requirements in ESD's SAA log. |
| Generator/Cognizant Person | 7. Accumulates waste in SAA containers in accordance with good housekeeping practices: <ul style="list-style-type: none"> • Segregates hazardous from non-hazardous waste. • Keeps area/containers sealed/locked at all times. • Provides ESD personnel a copy of a Hazardous Waste Identification tag (HWID; EWM-001, Attachment 1) immediately when each storage container is full. The HWID tag may be provided to ESD personnel via fax (X3366), interoffice mail (MS01), e-mail (hazmat@pppl.gov), or in person (MOD VI Rooms 138 or 121). |

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| Generator/Cognizant
Person or designee | 8. | Performs weekly inspections of SAAs: <ul style="list-style-type: none"> • Inspects outside of containers for corrosion, leaks, etc. • Inspects area and/or containers for proper security devices. Documents any deficiencies and brings them to the attention of the Supervisor or Responsible Line Manager for correction. |
| ESD Waste Manager or
Designee | 9. | Inspects SAA on a monthly basis according to the following: <ul style="list-style-type: none"> • Verifies area/containers are secure. Containers must be closed at all times except when necessary to add waste and they must not be opened, handled, or stored in a way which may rupture the container or cause it to leak (40 CFR 265.173). • Verifies containers are in good condition by looking for leaks and for deterioration caused by corrosion or other factors. (40 CFR 265.174). • Verifies containers are not full or HWID tag has been completed. • Documents that the above are satisfactory by Completing the SAA Inspection tasks in Enviance®. |
| Generator/Cognizant
Person or designee | 10. | Provides a completed HWID tag for each full drum immediately after a drum becomes full. The HWID tag may be provided to ESD personnel via fax (X3366), interoffice mail (MS01), e-mail (hazmat@pppl.gov), or in person (MOD VI Rooms 138 or 121). Instructions for completing the HWID tag are provided in Procedure EWM-001, <i>Hazardous Waste Management</i> . <p>Note: Containers must be transferred to the Hazmat Facility within three (3) calendar days of becoming full. This is required by the USEPA and NJDEP. Violations could result in fines to the generator of up to \$25,000 per day per violation. Waste will not be picked up until a HWID tag has been received by ESD (phone call or message is not sufficient to initiate pick up).</p> |
| Hazardous Materials
Technician | 11. | Picks up the accumulated waste within three (3) calendar days of receipt of the HWID tag (in accordance with ESD Collection and On-site Transfer of Hazardous Waste procedure). |

Training:

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| Author | 1. | Specifies the appropriate training methods and means (below) and obtains concurrence of the Management System Owner and the Management Process Owner. |
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Target Audience: Satellite Accumulation Area Cognizant Individuals
Instructor: Waste Management Engineer or designee

Training Method: Briefing or small group meeting

Frequency: Initial and for each revision of procedure

Management System Owner or Designee 2. Notifies the Human Resources Training Office of the training so that they will be aware of the training requirements and be able to provide assistance and guidance in the course development, implementation, tracking, and maintenance.