

Subject: Satellite Accumulation Areas	Effective Date: May 10, 2002	Initiated by: Head ER/WM Division
	Supersedes: Revision 0, dated 1/31/95	Approved: Director

1.0 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).

2.0 Introduction

This procedure defines the methods of designating and documenting SAAs, their inspection, and the transfer of accumulated wastes to the Environmental Restoration/waste Management Division (ER/WM) when satellite accumulation containers are full.

3.0 Reference Documents

- Code of Federal Regulations, Title 40, Part 262.34
- New Jersey Administrative Code, Title 7, Chapter 26G, Subchapter 6
- DOE Order 5400.1
- EWM-001, “Hazardous Waste Management.”
- EM-OP-04, “On-Site Collection and Transfer of Hazardous Waste.”

4.0 Definitions

- 4.1 *Drum* Any container designed to hold more than five (5) gallons of a hazardous material or hazardous waste.
- 4.2 *Full* A container is full when no more of the particular waste may be added to the container without causing a spill or leak.
- 4.3 *Waste Generator* A person who generates a hazardous waste.
- 4.4 *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.
- 4.5 *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.

5.0 Procedure

<u>Responsibility</u>	<u>Action</u>
Generator/Cognizant Person	5.1. Notifies ER/WM of need for SAA.
ER/WM Waste Manager	5.2. Evaluates and approves/disapproves SAA request. Provides guidance to ER/WM Waste Technician regarding regulatory requirements for SAA.
ER/WM Waste Technician	5.3. Inspects proposed SAA with generator and provides proper storage containers, secondary containment (if necessary) and labels. Properly labels containers and SAA. ER/WM shall provide SAA containers and supplies.
ER/WM Waste Technician	5.4. Reviews this procedure with generator and/or designee.
	5.5. 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 ER/WM's SAA log book.
Generator/Cognizant Person	5.6. 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. • Notifies ER/WM immediately when each storage container is full by faxing a Hazardous Waste Identification tag (HWID) to x3366. (EM-OP-04, Attachment 1)
Generator/Cognizant Person or designee	5.7. Performs weekly inspections and documents same using the SAA Weekly Checklist form (Attachment 1). These weekly checklists may be bound or a log book may be used in lieu of the checklists. If a log book is used, a Weekly Checklist form shall be attached to the inside cover of the logbook. The information requested in the Weekly Checklist shall be entered in the log book. <ul style="list-style-type: none"> • Inspects outside of containers for corrosion, leaks, etc. • Inspects area and/or containers for proper security devices. • Prints name and signs weekly inspection form.
	5.8. Maintains a log of weekly inspections available for inspection by ER/WM.

Responsibility**Action**ER/WM Waste Manager or
Designee

- 5.9. Inspects SAA on a monthly basis according to the following:
- Verifies area/containers are secure.
 - Verifies containers are in good condition.
 - Verifies secondary containment is in good condition.
 - Verifies containers are not full or HWID tag has been completed.
 - Verifies weekly inspection forms have been completed.
 - Documents that the above are satisfactory by signing each SAA Weekly Check List form.

Generator/Cognizant Person
or designee

- 5.10. Faxes (x3366) a completed HWID tag for each full drum immediately after a drum becomes full and mails original to ER/WM (instructions provided in EWM-001, Hazardous Waste Management).

Note: Containers must be transferred to the Hazmat Facility within three (3) calendar days of becoming full. This is required by the USEPA and NJDEPE. 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 or fax has been received by ER/WM (phone call or e-mail message is not sufficient to initiate pick up).

Hazardous Materials
Technician

- 5.11. Picks up the accumulated waste within three (3) calendar days of receipt of the HWID tag (in accordance with ER/WM Collection and On-site Transfer of Hazardous Waste procedure).

6.0 Attachment

1. SAA Weekly Checklist.

S.A.A. WEEKLY CHECKLIST

FOR WEEK ENDING / /				
SAA Location:				
	Adequate		Deficient	
Security of Area or Containers				
Adequate spill containment				
Container Volume / Contents				
Container 1	1/4	1/2	3/4	Full
Container 2	1/4	1/2	3/4	Full
Container 3	1/4	1/2	3/4	Full
Container 4	1/4	1/2	3/4	Full
Container 5	1/4	1/2	3/4	Full
Container 6	1/4	1/2	3/4	Full
Corrective action required if any of the above are marked "Deficient":				
Print Name:		Signature:		
ER/WM Verification:		Signature:		Date: