

Radioactive Waste Packaging & Shipping Procedures

This procedure provides instructions for packaging radioactive waste for shipment.

Comments and questions regarding this procedure should be directed to the contact persons listed below:

<p>Name: Dan Kayser Environmental Specialist</p> <p>Address: G40 TASF</p> <p>Telephone: 294-7923</p>	<p>Michael McGuigan Radiation Safety Officer</p> <p>G40 TASF</p> <p>294-7922</p>
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SIGN-OFF RECORD:

Approved by: _____ Date: _____
ESH&A Environmental Specialist

Approved by: _____ Date: _____
ESH&A Radiation Safety Officer

Reviewed by: _____ Date: _____
Manager, Materials & Transportation

Revision/Review Log:

This document will be reviewed once every 5 years as a minimum.

Revision Number	Effective Date	Contact Person	Pages Affected	Description of Revision
0	02/02/02	D. Kayser	All	Initial Issue
1	11/01/07	D. Kayser	N/A	No Changes

1.0 Scope

This procedure shall act as a guide for packaging and preparing radioactive waste containers for shipment and disposal.

2.0 Prerequisite

Radioactive materials that have been deemed “waste” will have been characterized according to Section 6.7 of the “Radioactive Waste Management Procedure” (10200.048).

3.0 Performance

Filling of containers will be done in accordance with the newest revision of the disposal sites waste acceptance criteria. If the shipment is destined to Hanford, Hanford over site will physically watch the packing of each waste container. A “Packaging Checklist” (see Appendix A) will be used for each container.

4.0 Shipping

Proper shipping name, labels, and documentation will be done in accordance with all applicable DOT regulations and the disposal sites waste acceptance criteria. Guidance from NUREG 1608/RAMREG-003, “Categorizing and Transporting Low Specific Activity materials and Surface Contaminated Objects” will be used when applicable. The attached checklists (Appendix A) will be utilized to insure containers are labeled correctly.

5.0 Personal Protective Equipment

All individuals shall wear a dosimetry badge.

Individuals physically handling radioactive waste shall wear steel-toed boots, gloves, white tyveks or coveralls and safety glasses.

6.0 Training

Hanford over site personnel will be responsible for their own training. Certification of radioactive worker training or equivalent will be required.

This procedure at a minimum will utilize the following people: Environmental Specialist, Radiological Safety Officer, and the Materials and Transportation Manager. Cumulatively the team shall have the following training:

Chemical Hazard Communication	(AL-137)
Personal Protective Equipment	(AL-133)
Rad Worker II Training	(AL-073)
Forklift Training	(AL-013)
Hoisting and Rigging	(AL-014)
*DOE's DOT Hazardous Material Training Modules	(AL-093-AL-103) and/or advanced DOT
Radioactive Training Certification.	

* Recurrent training is required every three years.

7.0 Record of Training

Statement: I have read and understand procedure 10200.071 and have completed the appropriate training from the list above to adequately perform my duties as related to this procedure.

Employee Name: _____ Employee Number: _____ Date: _____

Employee Signature: _____

Employee Name: _____ Employee Number: _____ Date: _____

Employee Signature: _____

Employee Name: _____ Employee Number: _____ Date: _____

Employee Signature: _____

Employee Name: _____ Employee Number: _____ Date: _____

Employee Signature: _____

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Employee Signature: _____

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Employee Signature: _____

APPENDIX A

- **Radioactive Waste Packaging & Shipping Checklist.**
- **Ames Laboratory Quality Control of Class 7 (radioactive) Materials Checklist.**
- **Radioactive material Shipper Check sheet.**