

US EPA ARCHIVE DOCUMENT

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CCP-QP-005-A1, Rev. 1  
CCP Nonconformance Report (NCR)

Effective Date: 09/25/2003  
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CCP Nonconformance Report (NCR)

NCR No. <b>NCR -- LAM - 0902 - 05</b> Revision <b>0</b>		
1. Lot No./Heat No. or Serial No <b>NA</b>	2. Process (NDA, HSG, NDE, VE, Other): <b>IVE</b>	3. Batch Data Report # (s) <b>LAVE540011</b>
4. Order/Work Order/Job Control Number (as applicable): <b>N/A</b>	5. PO #: <b>N/A</b> Supplier: <b>N/A</b>	DRUM #(s): <b>S817174</b>
6. E-QA NCR #: <b>N/A</b>		
<b>DESCRIPTION OF NONCONFORMANCE</b>		
7. (a) Hold Tag Applied? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (if NO, explain) Segregation Method (s): <input type="checkbox"/> NA		
<input type="checkbox"/> < 100 n C/g <input type="checkbox"/> Exceeds Site Limit <input type="checkbox"/> Prohibited Item <input type="checkbox"/> >500 ppmv Flamm. Vocs <input type="checkbox"/> E-Flag <input type="checkbox"/> TRAMPAC Criteria <input type="checkbox"/> M&TE <input type="checkbox"/> Receiving Inspection <input type="checkbox"/> Other		
(b) Description of Nonconformance Required Condition (Implementing Procedure, Section & Revision) Residual liquid >1% of the container volume. CCP-TP-113 R.3 Table 1		
(c). Actual Condition <i>Found &gt;1% residual liquid per actual container volume.</i>		
8. Originator (Print name, sign and date) <b>T. Mojca</b> <i>[Signature]</i> <b>040905</b>	9. SPOAO/FOAO Validation (Print name, sign and date) <i>[Signature]</i> <b>9/20/2005</b>	
10. Significant Condition? <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA	11. Recurring Condition? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (if YES, List NCRs)	
12. Trend Code: <b>K</b>	13. Responsible Manager: <i>[Signature]</i>	

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NCR No. <u>NCR</u> - <u>DANC</u> - <u>0902</u> - <u>05</u> Revision <u>0</u>	
<b>INTERIM DISPOSITION</b>	
14. Interim Disposition (Check One)	
<input checked="" type="checkbox"/> N/A (See final Disposition) <input type="checkbox"/> Hold <input type="checkbox"/> Conditional Accept <input type="checkbox"/> Conditional <input type="checkbox"/> Use <input type="checkbox"/> Sort <input type="checkbox"/> Reinspect/Retest <input type="checkbox"/> Remediate	
(a) Instructions for Completion of the Interim Disposition.	
<b>INTERIM DISPOSITION APPROVALS</b>	
15. Responsible Manager/Individual (Print, sign and date.)	16. SPQAO/FOAO (Print, sign and date.)
<input type="text"/>	<input type="text"/>
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)
<input type="text"/>	<input type="text"/>
<b>COMPLETION OF INTERIM DISPOSITION</b>	
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date.)	
<input type="text"/>	
18. Interim Disposition Verified SPQAO/FOAO: (Print, sign and date.)	
<input type="text"/>	

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NCR No. NCR - <del>1047</del> - 10902 - 109		Revision 0
<b>FINAL DISPOSITION</b>		
19 Final Disposition (Check One)		
<input type="checkbox"/> Use-As Is	<input checked="" type="checkbox"/> Reject	<input type="checkbox"/> Repair <input type="checkbox"/> Rework <input type="checkbox"/> Scrap
(A) Technical Justification (Required for "Use-As-Is" and "Repair" dispositions, N/A for "Reject" or "Rework" dispositions)		
N/A		
(B) Disposition (Required for "Reject" and "Scrap")		
Reject return to Host Site for re-inspection.		
(C) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for "Repair" and "Rework")		
A <del>_____</del> A 201 090905		
(D) Corrective Actions (Actions to Prevent Recurrence) - as required		
<del>_____</del> A 201 090905		
<b>FINAL DISPOSITION APPROVALS</b>		
20 Responsible Manager/Individual (Print, sign and date.)	21 SPQAO/FQAO (Print, sign and date.)	
F. White, Rot 7/6/05	LINDA H. [Signature] 7/6/05	
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)	
<b>CLOSURE</b>		
22. Final Disposition Complete Responsible Manager/Individual. (Print, sign and date.)		
DK Ploetz 7/6/05		
23. Final Disposition Verified SPQAO/FQAO (Print, sign and date.)		
C.M. Gomez 7/6/05		

Attachment 2 – CCP Nonconformance Report (NCR) Continuation Sheet

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*Cg 6/4/08*

Continuation from Section Number: na

BASIS FOR CLOSURE:

Drum LAS817174 was overpacked into SWB LASB00411 (see attached) to deal with the container integrity of the drum and was not overpacked to address liquids in excess of the 1% container limit. The normal practice for remediating prohibited amounts of liquids is to remove or absorb the liquid.

Because the drum was overpacked into the SWB satisfying the payload container liquid limit in Module II.C.3.a, the NCR will be closed.

**WIPP Waste Information System  
Waste Container Data Report**

**Report**      *RP0360*  
**Version**     *2.6*  
**Instance**    *PRD02*  
**Run by**      *PEARCYM*  
**Report Date** *06/06/2008 07:50*  
**Total Pages** *5*

**Selection Criteria -**

**Container Number** *LASB00411*  
    **Site Id**      *%*  
    **Waste Stream** *%*  
    **Data Status Code** *%*

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Attachment 1

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# Waste Container Data Report

WIPP Waste  
Information System

Waste Isolation Pilot Plant

Page 2 of 5

Container Number : **LASB00411**  
Site ID : **C4 - CCP AT LANL**  
Site Address : **PO BOX 2078 CARLSBAD, NM 88220**  
Site EPA ID : **NM0890010515**  
Technical Contact : **DAVE HAAR**  
Data Status Code : **Container Emplaced at WIPP**  
Waste Stream Profile : **LA-MIN03-NC.001**  
Container Type : **14 - SWB - OVERPACK**

## Waste Container Information

WAC Ex. # :		Handling Code :	<b>CH</b>
WAC Rev # :	<b>6.1</b>	Waste Type:	<b>MTRU</b>
Cert Date :	<b>04/24/2008</b>	Waste Stream BIR ID :	<b>LA-TA-50-19</b>
Cert Site :	<b>C4 - CCP AT LANL</b>	Waste Stream MWIR ID :	<b>NONE</b>
Generator Site :	<b>LA - LOS ALAMOS NATIONAL LABOR</b>	TRU Alpha Act (Ci) :	<b>4.772E-01</b>
IDC Code :	<b>NONE</b>	TRU Alpha Act Uncert (Ci) :	<b>5.793E-02</b>
Matrix Code :	<b>S3120</b>	TRU Alpha Act Conc (Ci/g) :	<b>7.598E-07</b>
TRUCON Code :		TRU Alpha Act Conc Uncert (Ci/g) :	<b>3.462E-07</b>
Shipping Category :		Pu239 Eq Act (PE Ci) :	<b>4.772E-01</b>
PCB Conc (ppm) :		Pu239 Fiss Gm Eq (FGE) :	<b>2.722E+00</b>
Decay Heat (watts) :	<b>1.527E-02</b>	Pu239 Fiss Gm Eq Uncert (FGE) :	<b>4.401E-01</b>
Decay Heat Uncert (watts) :	<b>1.843E-03</b>	U-235 FEM (wgt %) :	
Closure Date :	<b>04/23/2008</b>	U-235 FEM Uncert (wgt %) :	
Vent Date :	<b>04/23/2008</b>	Layers of Packaging :	<b>1</b>
Waste Generation Date:		Fill Factor (%) :	<b>37</b>
Aspiration Method ID :		Liner Exists :	<b>Y</b>
Gas Gen Rate :		Liner Hole Size (mm) :	<b>478</b>
Gas Hyd Meth Gen Rate :		Gross Weight (kg) :	<b>1058.5</b>
Gas Gen Comp Date :		Gross Weight Uncert (kg) :	<b>15.21</b>
Truncated FGGR Test :	<b>N</b>	Alpha Surf Cont (dpm/100cm2) :	<b>19</b>
Trunc FGGR Test Period (days) :		BG Surf Cont (dpm/100cm2) :	<b>199</b>
Shipment Num :	<b>LA080037</b>	BG Dose Rate (mrem/hr) :	<b>.1</b>
Packaging Num :	<b>189</b>	Neut Dose Rate (mrem/hr) :	<b>.4</b>
Assembly ID :	<b>LA1852</b>	Total Dose Rate (mrem/hr) :	<b>.5</b>
Container Disposal Date :	<b>05/28/2008</b>	PCB Waste :	<b>N</b>
Container Status Code :	<b>XO4</b>	PCB Mass (kg) :	
		PCB Out of Service Date :	

It can be established through process knowledge that the concentration of flammable VOCs present in the headspace of this container is  $\leq$  500ppm: **Y**

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 Container Type : **14 - SWB - OVERPACK**

### Waste Container Information (continued)

Beryllium present and <=100 kg :	Y	Aqueous Material :	N
Beryllium <=25 kg :	Y	Machine Compacted :	N
Beryllium <= 18.14 kg :	Y	1/2" Separation Criteria Met for Compacted Waste :	N
Beryllium <= 5 kg :	Y		
Beryllium <= 1% by Weight :	Y	Overpack Cntr Number :	
Beryllium in form of shavings or fines:	Y	Overpack Cntr Type :	
Beryllium is chemically/mechanically bound:	N	Overpack Cntr Status :	
		Overpack Emplaced :	

### Inner Container Information

Container Number	Container Type
<b>LAS794304</b>	17 - 55 GAL DRUM TO BE OVERPACKED - DAMAGED CONDITION
<b>LAS804763</b>	16 - 55 GAL DRUM TO BE OVERPACKED - GOOD CONDITION
<b>LAS817174</b>	17 - 55 GAL DRUM TO BE OVERPACKED - DAMAGED CONDITION
<b>LAS850388</b>	16 - 55 GAL DRUM TO BE OVERPACKED - GOOD CONDITION

### Nuclide Information

Radionuclide	Description	Activity (Ci)	Activity Uncert (Ci)	Mass (g)	Mass Uncert (g)	List
AM-241	AMERICIUM 241	1.938E-01	3.003E-02	5.586E-02	8.831E-03	
CS-137	CESIUM 137	4.498E-05	5.839E-06	5.111E-07	6.771E-08	
NP-237	NEPTUNIUM 237	1.840E-06	4.620E-07	2.581E-03	6.612E-04	
PU-238	PLUTONIUM 238	.000E+00	.000E+00	.000E+00	.000E+00	
PU-239	PLUTONIUM 239	1.458E-01	2.677E-02	2.318E+00	4.343E-01	
PU-240	PLUTONIUM 240	1.370E-01	4.160E-02	5.957E-01	1.846E-01	
PU-241	PLUTONIUM 241	.000E+00	.000E+00	.000E+00	.000E+00	
PU-242	PLUTONIUM 242	.000E+00	.000E+00	.000E+00	.000E+00	
SR-90	STRONTIUM 90	4.498E-05	5.839E-06	3.259E-07	4.318E-08	

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Attachment 1

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# Waste Container Data Report

WIPP Waste  
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Waste Stream Profile : LA-MIN03-NC.001  
Container Type : 14 - SWB - OVERPACK

## Nuclide Information (continued)

Radionuclide	Description	Activity (Ci)	Activity Uncert (Ci)	Mass (g)	Mass Uncert (g)	List
U-233	URANIUM 233	.000E+00	.000E+00	.000E+00	.000E+00	
U-234	URANIUM 234	5.290E-05	1.580E-05	8.370E-03	2.551E-03	
U-235	URANIUM 235	1.310E-06	3.900E-07	5.982E-01	1.817E-01	
U-238	URANIUM 238	.000E+00	.000E+00	.000E+00	.000E+00	

## Material Parameters Information

Waste Matl Parm	Description	Weight (kg)
1	IRON BASE METAL ALLOYS	110.60
8	PLASTICS	33.70
9	SOLIDIFIED INORGANIC MATERIAL	624.00
13	STEEL CONTAINER MATERIALS	290.00

## Filter Model Information

Filter Model	Description	Quantity	Install Date
NF019D	NUC-FIL-019DS	4	04/23/2008

## Assay Methods Information

See Assay Methods Information for Inner containers.

## Characterization Methods Information

See Characterization Methods Information for Inner containers.

## Hazardous Code Information

Haz Code	Description
D004	ARSENIC
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD

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## Hazardous Code Information (continued)

Haz Code	Description
D009	MERCURY
D010	SELENIUM
D011	SILVER
D022	CHLOROFORM
D028	1,2-DICHLOROETHANE
D037	PENTACHLOROPHENOL
F001	SPENT HALOGENATED SOLVENTS
F002	SPENT HALOGENATED SOLVENTS
F004	SPENT NONHALOGENATED SOLVENTS
F005	SPENT NON-HALOGENATED SOLVENTS
F006	WASTEWATER TREATMENT SLUDGE
F007	SPENT CYANIDE PLATING BATH
F009	SPENT STRIPPING SOLUTION

## Sample Information

See Sample Information for Inner containers.

## Location Information

Panel Number	Room Number	Row	Col	Ht
4	3	12	2	B

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Attachment 1

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