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CCP Nonconformance Report (NCR)

NCR No. NCR – LANL – 0902 – 05 Revision 0

1. Lot No./Heat No. or Serial No: N/A

2. Process (NDA, HSG, NDE, VE, Other): VE

3. Batch Data Report # (s): LAVE540011

4. Order/Work Order/Job Control Number (as applicable): N/A

5. PO #: N/A
Supplier: N/A

DRUM #(s): S817174

6. E-QA NCR #: N/A

DESCRIPTION OF NONCONFORMANCE

7. (a) Hold Tag Applied? ☒ YES ☐ NO (If NO, explain) Segregation Method (s): ☐ NA

☐ < 100 n Ci/g ☐ Exceeds Site Limit ☒ Prohibited Item ☐ >500 ppmv Flamm. Vocs

☐ E-Flag ☐ TRAMPAC Criteria ☐ M&TE ☐ Receiving Inspection ☐ 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**

Found >1% residual liquid per ~~volume~~ container volume.

8. Originator (Print name, sign and date): T. Mojica [signature] 040905

9. SPQAO/FQAO Validation (Print name, sign and date): [name and signature] 4/20/2005

10. Significant Condition? ☐ YES ☐ NO ☒ NA

11. Recurring Condition? ☐ YES ☒ NO (If YES, List NCRs)

12. Trend Code: K

13. Responsible Manager: [signature]

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CCP Nonconformance Report (NCR)

NCR No. NCR - [illegible] - 0902 - 05 Revision 0

INTERIM DISPOSITION

14. Interim Disposition (Check One)

☒ N/A (See final Disposition) ☐ Hold ☐ Conditional Accept ☐ Conditional Use ☐ Sort
☐ Reinspect/Retest ☐ Remediate

(a) Instructions for Completion of the Interim Disposition.

INTERIM DISPOSITION APPROVALS

15. Responsible Manager/Individual(Print, sign and date.)	16. SPQAO/FQAO (Print, sign and date.)
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

COMPLETION OF INTERIM DISPOSITION

17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date.)

18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date.)

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CCP Nonconformance Report (NCR)

NCR No. NCR - [illegible] - 0902 - 05 Revision 0

FINAL DISPOSITION

19 Final Disposition (Check One)

☐ Use-As Is ☒ Reject ☐ Repair ☐ Rework ☐ 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 ~~remediation~~.

(C) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for "Repair" and "Rework")

N/A [illegible] 04/08/05

(D) Corrective Actions (Actions to Prevent Recurrence) - as required

N/A [illegible] 04/08/05

FINAL DISPOSITION APPROVALS

20 Responsible Manager/Individual (Print, sign and date.)	21 SPQAO/FQAO (Print, sign and date.)
F. Wesley Rot [signature] 4-20-05	Peter Lindahl [signature] 4/20/2005
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)

CLOSURE

22. Final Disposition Complete Responsible Manager/Individual. (Print, sign and date.)

DK Ploetz [signature] 6/6/08

23. Final Disposition Verified SPQAO/FQAO (Print, sign and date.)

C M Gomez [signature] 6/6/08

Attachment 2 – CCP Nonconformance Report (NCR) Continuation Sheet

NCR No. NCR-LANL-0902-05 Revision 0 Attachment # 1 Page 1 of 16

CJ 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	*%*

Waste Container Data Report

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. # :	
WAC Rev # :	**6.1**
Cert Date :	**04/24/2008**
Cert Site :	**C4 - CCP AT LANL**
Generator Site :	**LA - LOS ALAMOS NATIONAL LABOR**
IDC Code :	**NONE**
Matrix Code :	**S3120**
TRUCON Code :	
Shipping Category :	
PCB Conc (ppm) :	
Decay Heat (watts) :	**1.527E-02**
Decay Heat Uncert (watts) :	**1.843E-03**
Closure Date :	**04/23/2008**
Vent Date :	**04/23/2008**
Waste Generation Date:	
Aspiration Method ID :	
Gas Gen Rate :	
Gas Hyd Meth Gen Rate :	
Gas Gen Comp Date :	
Truncated FGGR Test :	**N**
Trunc FGGR Test Period (days) :	
Shipment Num :	**LA080037**
Packaging Num :	**189**
Assembly ID :	**LA1852**
Container Disposal Date :	**05/28/2008**
Container Status Code :	**XO4**

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

Handling Code :	**CH**
Waste Type:	**MTRU**
Waste Stream BIR ID :	**LA-TA-50-19**
Waste Stream MWIR ID :	**NONE**
TRU Alpha Act (Ci) :	**4.772E-01**
TRU Alpha Act Uncert (Ci) :	**5.793E-02**
TRU Alpha Act Conc (Ci/g) :	**7.598E-07**
TRU Alpha Act Conc Uncert (Ci/g) :	**3.462E-07**
Pu239 Eq Act (PE Ci) :	**4.772E-01**
Pu239 Fiss Gm Eq (FGE) :	**2.722E+00**
Pu239 Fiss Gm Eq Uncert (FGE) :	**4.401E-01**
U-235 FEM (wgt %) :	
U-235 FEM Uncert (wgt %):	
Layers of Packaging :	**1**
Fill Factor (%) :	**37**
Liner Exists :	**Y**
Liner Hole Size (mm) :	**478**
Gross Weight (kg) :	**1058.5**
Gross Weight Uncert (kg) :	**15.21**
Alpha Surf Cont (dpm/100cm2) :	**19**
BG Surf Cont (dpm/100cm2) :	**199**
BG Dose Rate (mrem/hr) :	**.1**
Neut Dose Rate (mrem/hr) :	**.4**
Total Dose Rate (mrem/hr) :	**.5**
PCB Waste :	**N**
PCB Mass (kg) :	
PCB Out of Service Date :	

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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
LAS794304	17 - 55 GAL DRUM TO BE OVERPACKED - DAMAGED CONDITION
LAS804763	16 - 55 GAL DRUM TO BE OVERPACKED - GOOD CONDITION
LAS817174	17 - 55 GAL DRUM TO BE OVERPACKED - DAMAGED CONDITION
LAS850388	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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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