From: Juarez, Catherine L Sent: Thursday, June 11, 2015 4:14 PM

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Subject: Weekly Technical Submission - June 5, 2015- June 11, 2015

Attached is the written weekly technical submission for May 29, 2015 – June 4, 2015. The Permittees are submitting the attached information pursuant to: Section 19 of the May 19, 2014, *Administrative Order*; the July 10, 2014, April 27, 2015 and May 8, 2015 letters from NMED regarding *Modification to May 19, 2014, Administrative Order*; and Section IX of the April 21, 2015, *LANL Nitrate Salt-Bearing Waste Container Isolation Plan, Revision 3*.

Please contact me if additional information would be helpful.

Cathy Juarez for Mark Haagenstad Environmental Protection Division Compliance and Permitting Group Los Alamos National Laboratory Office: (505) 665-2014 Mobile: (505) 699-1733

NMED / LANL Technical Summary

June 5, 2015 – June 11, 2015

Participants:

- New Mexico Environment Department: Neelam Dhawan, Siona Briley and Ricardo Maestas.
- LANL NNSA- Los Alamos Field Office:
- Environmental Management- Los Alamos Field Office (EM-LA): Lee Bishop and Karen Armijo.
- LANL Los Alamos National Security: Alison Dorries, Bruce Robinson, Brian Colby, Mark Haagenstad, Luciana Vigil-Holterman and Cathy Juarez.

LANL Technical Update:

- Location of Nitrate Salt-Bearing Wastes
 - Remediated nitrate salt-bearing waste containers (55 SWBs and 4 POCs).
 - All containers remain in the 375 Permacon.

• Monitoring - Daily Temperature

- Temperatures remain below 90°F.
 - Previous 7 days' temperature data attached.

• Monitoring – Visual Inspections

o No abnormal conditions were observed.

• Monitoring – headspace gas (HSG)

- o Containers (SWBs) 68685 and SB50522.
 - Continue daily head space gas (HSG) sample collection.
 - June 5-11, 2015 HSG data (H₂, CO, CO₂ and N₂O) attached.
- Other containers:
 - A minimum of once per month HSG sampling will be conducted.
 - To date in June, LANL has conducted HSG sampling on 51 containers.
 - June 5, 9, and 10, 2015 HSG data (H₂, CO, CO₂ and N₂O) attached.

• Additional measures currently underway

- As a conservative measure, LANL is currently conducting additional monitoring. This additional monitoring includes:
 - Containers (SWBs) 68685 and SB50522.
 - LANL continuing *solid phase micro-extraction*.
 - Hourly temperature measurements are currently being performed on SWB 68685 and SB50522.
 - Five other SWB overpacks (containing 55-gallon drums of remediated nitrate saltbearing waste) and four nitrate salt-bearing waste POCs.
 - Twice-weekly HSG sample collection.
 - June 8 and 11, 2015 HSG data (H₂, CO, CO₂ and N₂O) attached.

- Anticipated Changes to Nitrate Salt-Bearing Waste Containers (e.g. movement, repackaging)
 - Currently, no further movements or re-packaging are occurring.

Other:

• LANL provided the following notification on Friday, June 5, 2015 of the missed inspection that is required by the April 21, 2015, LANL Nitrate Salt-Bearing Waste Container Isolation Plan, Revision 3 (Isolation Plan):

On Thursday 6/4/2015 the 10:00 AM hourly visual inspection of remediated nitrate saltbearing waste containers required by the Isolation Plan was not performed. The inspection was not performed because the inspectors were participating in an emergency exercise involving a simulated breach to one of the containers stored in the TA-54-375 Permacon.

Emergency exercises are an essential learning and preparedness tool to ensure proper response in the event of a real emergency, and participation by all is required to maximize the value of the exercise.

All previous and subsequent inspections on that date were completed satisfactorily with no indication or trend indicating a problem. LANL will make every effort to communicate future planned interruptions of the required inspections in advance.

- During the bi-weekly phone call, LANL provided an update for the supplemental cooling project planned for the TA-54, Area G, Dome 375 Permacon.
 - Installation of upgrades will require a power outage for Dome 375 during the week of June 15, 2015 that is projected to last approximately 4 hours, but may continue through the shift (8 hours).
 - Compensatory measures for the outage are planned to ensure conduction of isolation plan required visual monitoring. The Fire Detection System (FDS) will continue to be operational during the power outage as it has battery backup capacity for 24 hours.
 - Hourly temperature measurements will be impacted as the CAMs will not be operational so no entry to the Permacon will be allowed.
 - HSG sampling and daily temperature measurements as required by the isolation plan will be collected prior to the outage that day.
 - Start-up and testing of the system is expected to occur during the week of June 22, 2015.
 - LANL will update NMED via telephone, email or both when plans for the outage are finalized and as progress of the installation of the system upgrades continues.

Next Call: Thursday, June 25, 2015

Summary Chart - Requested Information / Pending Issues:

	Requested Information	Actionee	Status	Completion Date
1.	NMED contact / process for LANL to notify NMED under the Revised Isolation Plan (e.g.,	NMED		Complete
2.	24 hour notices).	LANL		June 5, 2014 Complete
2.	Keep NMED informed on the status of on- going chemistry / analytical work.	LANL		June 9, 2014
3.	On upcoming daily call, provide additional discussion on the potential for liquids in the 350 post-1991 cemented containers (including a discussion of the review of RTR tapes).	LANL		Complete July 6, 2014 (Discussion on call) July 18, 2014 (Meeting held)
4.	On upcoming call, provide additional discussion on why 231 and 375 Permacon fire suppression systems are not part of the LANL RCRA Hazardous Waste Facility Permit Contingency Plan.	LANL		Complete June 5, 2014
5.	Send copy of June 4, 2014 written daily submission to Trais Kliphuis. Also, include her on future daily submissions.	LANL		Complete June 5, 2014
6.	Provide LANL procedures and example records associated with post-1991 TA-55	LANL		Complete
7.	cementation process discussed on June 6. Provide information on numbers of containers in the post-1991 cemented waste streams from the TA-55 process discussed on June 6. This should include numbers regarding RTR status (RTR'd, meet WIPP criteria, requiring remediation).	LANL		July 3, 2014 Complete June 17, 2014 (Supplemental Info provided July 3)
8.	Provide RTR video and pre-screening information associated with those containers requiring remediation from the post-1991 cemented waste streams from the TA-55 process discussed on June 6.	LANL		Complete July 3, 2014
9.	Provide copy of CCP/LANL Interface Document.	LANL		Complete June 9, 2014
10.	Provide a list of the analytes for which LANL is sampling HSG (CO_2 and LFL analytes).	LANL		Complete June 11, 2014
11.	Discuss potential sampling of HSG for NO _x .	LANL		Complete
				June 16, 2014

	Requested Information	Actionee	Status	Completion Date
12.	Follow-up with Tim Hall regarding LANL Hazardous Waste Facility Permit and procedures that LANL is developing for possible future sampling of empty parent containers and unremediated nitrate salt- bearing containers at LANL.	LANL		Complete Empty Parent June 16, 2014 Unremediated August 14, 2014 (Supplemental information discussed on sampling of parent containers) August 26, 2014 (Letter on applicability of LANL HWFP for opening waste containers)

Requested Information	Actionee	Status	Completion Date
Requested Information Respond to NMED email request for information associated with the nitrate salt- bearing parent and daughter waste containers. WIPP Recovery Daily Meeting Action List item #84 – NMED requested a copy of the LANL remediation records for waste stored in Panel 6 (Trais Kliphuis) – is a subset of the information in item 5 of this action.	Actionee I LANL I I I	Status	

	Requested Information	Actionee	Status	Completion Date
14.	NMED will review the Round Sheets (provided in June 11 summary) and inform LANL if these should be attachments to the Revised Plan, or if they fall under the provision in Section I of the Revised Isolation Plan and their identification during this technical call is sufficient.	NMED	NMED has reviewed Round Sheets – no comments / direction at this time. NMED will address any comments in their formal response to Revised Container Isolation Plan.	Complete June 23, 2014
15.	NMED has requested 'copies of any waste processing, treatment, characterization stop orders issued since Feb 14, 2014.'	LANL		Complete June 13, 2014 (Included w/ daily summary) June 16, 2014 (Discussed current TA-54 & WCRRF operations)
16.	NMED requested information on the location of drums 68327 and 68328. Request made June 14.	LANL		Complete June 14, 2014
17.	Update on LANL efforts – including LANL teams. (On June 20 call, LANL offered to schedule an update meeting).	LANL / NMED		Complete July 2, 2014
18.	Neutralizer use in association with container S855793 (parent of 68660 and 68685).	LANL		Complete June 25, 2014
19.	List of nitrate salt-bearing waste containers that LANL records indicate contain absorbed liquids with the same neutralizer, as discussed during June 25 technical call.	LANL		Complete September 30, 2014 (with August 26, 2014 response)
20.	Schedule follow-on update on LANL efforts – including teams.	LANL / NMED		Complete August 14, 2014 (Meeting held)
21.	NMED requested information on document approval / review (as discussed on July 3 call).	LANL		Complete July 29, 2014
22.	What analyses will be conducted on samples taken from empty drums that previously contained nitrate salt-bearing waste.	LANL		Complete July 7, 2014
23.	NMED requested the following information on cemented waste containers generated from TA-55, that are currently stored above-ground at Area G: container id number; location; form (cans or monoliths); and type of concrete. Additionally, NMED requested information on pH adjustment during waste generation process, and information on anticipated pH of free liquids (and rationale).	LANL		Complete July 17, 2014 (Letter sent w/ information) July 18, 2014 (Meeting held)

	Requested Information	Actionee	Status	Completion Date
24.	NMED requested the procedure for sampling empty parent drums that previously contained nitrate salt-bearing waste.	LANL	EP-AREAG-WO-DOP- 1245 is included in Enclosure 1 to LANL's July 3, 2014 Response to Request for Information on Management of Waste at LANL.	Complete July 8, 2014
25.	NMED requested an additional discussion on a future technical call regarding CO ₂ , including data.	LANL		Complete August 14, 2014 (Meeting held)
26.	NMED requested additional discussion on CIN-01 waste containers and absorbent, including confirmation and extent of use.	LANL		Complete July 18, 2014 (Meeting held)
27.	NMED requested historic analytical information on pH of liquids associated with gypsum cemented waste.	LANL		Complete August 7, 2014
28.	NMED requested link to pdf of Actinide Quarterly edition (3 rd Q 2008).	LANL		Complete July 21, 2014
29.	NMED requested a copy of lessons learned	LANL		Complete August 11, 2014
30.	NMED request regarding empty drum sampling presentation.	LANL	Presentation is a pre- decisional draft/working document not for external release	August 25, 2014
31.	Respond to NMED email request dated 8/12/2014 for information associated with the nitrate salt-bearing waste containers.	LANL		Complete September 11, 2014
32.	NMED request regarding technical presentation.	LANL	Presentation is a pre- decisional draft/working document not for external release	August 25, 2014
33.	NMED request regarding literature review of catalytic reactions.	LANL	Literature review is a pre-decisional draft/working document not for external release	August 25, 2014
34.	LANL requested to schedule a meeting with NMED on remediation planning and schedules.	LANL / NMED		Complete September 29, 2014 (meeting held)
35.	Schedule a third update on LANL efforts – including teams.	LANL / NMED		Complete October 20, 2014

	Requested Information	Actionee	Status	Completion Date
36.	NMED request regarding LANL Causal Analysis associated with processing of nitrate salt-bearing waste at WCRRF – when document is Final.	LANL	Document is currently Draft.	
37.	NMED requested a diagram illustrating the current locations within the 375 Permacon of the 55 SWBs that contain the 57 remediated nitrate salt-bearing waste containers. NMED also requested a list of these 55 SWBs and the waste drums within each SWB (including the container numbers and waste stream type).	LANL		Complete October 27, 2014 (Diagram submitted) November 3, 2014 (Table submitted) November 20, 2014 (Revised table submitted)

	Requested Information	Actionee	Status	Completion Date
38.	NMED requested documentation regarding CIN01.001 waste containers that are not part of the September 19, 2014 Nitrate Salts- Bearing Waste Container Isolation Plan, Revision 2.	LANL	In Progress LANL will submit this documentation in batches as it is becomes available.	Submitted 100 out of 586 RTRs and documentation on October 3, 2014. Submitted documentation for 101-200 containers on October 10, 2014. Submitted documentation for 201-300 containers on October 16, 2014. Submitted documentation for 301-400 containers on October 23, 2014. Submitted documentation for 401-500 containers on October 27, 2014. Submitted documentation for 501-586 containers on Noteber 12, 2014. Submitted RTR Videos 101-150 on November 12, 2014. Submitted RTR Videos 151-200 on November 20, 2014. Submitted RTR Videos 201-250 on December 19, 2014. Submitted RTR Videos 251-300 on December 19, 2014. Submitted RTR Videos 301-312 on January 15, 2015.
39.	NMED requested a diagram of the location of the thermocouples on 68685 and SB50522.	LANL		Complete October 27, 2014
40.	NMED requested a copy of the safety basis document for remediation planning when it is finalized.	LANL	Document is currently in Draft.	
41.	Trending and correlation of temperature and HSG monitoring data.	LANL	In progress	
42.	Schedule a fourth update on LANL efforts – including teams.	LANL/ NMED		Complete November 3, 2014

	Requested Information	Actionee	Status	Completion Date
43.	Schedule a fifth update on LANL efforts – including teams.	LANL/ NMED		Complete November 20, 2014
44.	Schedule a sixth update on LANL efforts – including teams.	LANL/ NMED		Complete December 9, 2014
45.	NMED requested documentation regarding CIN01 drums.	LANL		Complete Email- February 3, 2015 Letter- February 19, 2015
46.	NMED requested documentation regarding duplicate drum number.	LANL		Complete May 6, 2015
47.	NMED requested the ESS plan for temperature control and sampling once finalized.	LANL	Document is currently in Draft.	
48.	Schedule a seventh update on LANL efforts – including teams.	LANL/ NMED		Complete January 29, 2015
49.	Fire suppression repair plan for Dome 231	LANL		This repair plan is no longer necessary because drum movement did not occur during the repair process. Repair is complete.
50.	NMED requested information regarding solution packages 36, 37, 57 and 78.	LANL		Complete. Email – February 17, 2015. Letter- March 19, 2015.
51.	NMED requested copies of any procedures regarding cementation in bags.	LANL		March 19, 2015 Confirmation that no specific procedure can be located for cementation in bags.
52.	NMED requested information on the percentage of the 55 SWBs that, based on SWB HSG data, appear to have chemical reactions occurring within the waste.	LANL		Complete. Discussed during technical meeting on April 16, 2015. Email follow-up on April 20, 2015.
53.	NMED requested the document "TA-55 Cement Fixation Drum Logbook" referenced in the CCP AK document.	LANL		Complete. Included with April 24, 2015 Response to Request for Information.
54.	NMED requested summary sheet for HSG data.	LANL		Complete April 9, 2015.

	Requested Information	Actionee	Status	Completion Date
55.	NMED requested additional discussion on engineering options for cooling in Summer months.	LANL		Complete. Discussed during technical meeting on April 16, 2015.
56.	NMED requested references in Technical Assessment Team report Waste Isolation Pilot Plant (WIPP): Chemical Reactivity and Recommended Remediation Strategy for Los Alamos Remediated Nitrate Salt (RNS) Wastes.	LANL		Complete April 9, 2015.
57.	Schedule an eighth LANL update meeting to continue technical discussions associated with remediation options, planning and other topics of interest.	LANL/ NMED		Complete April 16, 2015.

		68	685		69553				69615			
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N₂O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
06/05/15	137	319	7812	1806								
06/06/15	133	300	7693	1728								
06/07/15	146	352	8847	2030								
06/08/15	136	346	8680	1990	185	466	10970	1445	109	277	5514	297
06/09/15	131	345	8670	1956								
06/10/15	149	382	9148	2103								
06/11/15	146	373	9485	2183	179	451	11123	1489	104	398	6098	297

		690	616		SB50069				SB50452			
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N₂O ppm	H ₂ ppm	CO ppm	CO₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
06/05/15												
06/06/15												
06/07/15												
06/08/15	330	588	12973	2374	469	829	17563	2321	699	621	12245	2073
06/09/15												
06/10/15												
06/11/15	316	602	13474	2464	419	789	17015	2233	725	672	13048	2165

	SB50522				68430				68507			
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N₂O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N₂O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N₂O ppm
06/05/15	2648	441	34109	1035								
06/06/15	2616	438	34733	1108								
06/07/15	2688	454	35102	1091								
06/08/15	2406	401	33227	1020								
06/09/15	2737	463	35972	1088	111	143	2430	466	84	58	962	46
06/10/15	2959	484	37465	1151								
06/11/15	2680	449	36495	1126								

		68567			68624				68631			
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
06/05/15					37	80	1167	142				
06/06/15												
06/07/15												
06/08/15												
06/09/15									11	0	464	37
06/10/15	22	0	675	58								
06/11/15												

	68638				69015				69519			
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
06/05/15					55	46	911	75				
06/06/15												
06/07/15												
06/08/15												
06/09/15	12	0	263	16								
06/10/15									282	296	4896	1624
06/11/15												

		69568				69598				69633			
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N₂O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	
06/05/15									289	334	4917	673	
06/06/15													
06/07/15													
06/08/15													
06/09/15	56	109	282	321									
06/10/15					28	0	838	51					
06/11/15													

		69634			69635				69637			
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
06/05/15					168	169	3065	158	108	238	2647	611
06/06/15												
06/07/15												
06/08/15												
06/09/15												
06/10/15	90	0	1113	329								
06/11/15												

		69638			69639				69644			
Date	H ₂ ppm	CO ppm	CO₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
06/05/15	472	480	5930	648	150	154	3899	180	178	228	3168	783
06/06/15												
06/07/15												
06/08/15												
06/09/15												
06/10/15												
06/11/15												

		69645			93605				94068			
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm
06/05/15												
06/06/15												
06/07/15												
06/08/15												
06/09/15												
06/10/15	235	410	7418	1186	287	484	5789	1735	455	890	13390	3349
06/11/15												

		94227				SB02198				SB50442			
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N₂O ppm	
06/05/15													
06/06/15													
06/07/15													
06/08/15													
06/09/15	20	37	154	292					235	335	3926	820	
06/10/15					1275	157	1008	332					
06/11/15													

		SB50559				87823				87825			
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	
06/05/15													
06/06/15													
06/07/15													
06/08/15					188	168	5082	851	189	220	7030	1197	
06/09/15	806	198	3251	176									
06/10/15													
06/11/15					188	186	5233	861	186	220	7232	1261	

Remediated Nitrate Salt Container Headspace Gas Analysis

		878	826		87827					
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm		
06/05/15										
06/06/15										
06/07/15										
06/08/15	239	308	10605	1548	55	98	3047	362		
06/09/15										
06/10/15										
06/11/15	243	317	10965	1592	58	116	3241	393		

0	Nitrate Salt-Bearin	ng TRU Waste Con	tainer Moni		Document No.: Revision: Effective Date: Page:	EWMO-AREAG 6 03/26/15 28 of 40	-FO-DOF-1240
UET			ATTACHMEM Page 1 of 3				
	REA G TA-54-375 CI	/	ALT TRU WASTI	E CONTAINER D	AILY TEMPERAT	TURE DATA SHE	ET
6.[6] Date: From <u>1</u>	1-15 10 8-1-1	2		Thursday	Friday	Saturday	Sunday 6.[6]
ſ	Monday	Tuesday	Wednesday	k (6.16) AV	6.[6]	6.[6]	Start Time:
	6 [6]	6.[6]	6.[6] CI Start Time:	Thursday 6.[6] V Start Time Contents	Start Time:	Start Time:	0749
	Start Time: 0859	Start Time:	1024	0648	0732		
		0912				FLIFE	Brand: Fluke
TA-54-375 Cell 1			Brand: Fluxe	Brand: Eluce	Brand: Plais	Brand: Fluke Model 56(,	Model SGI
Calibrated Infrared	Brand: Fluce	Brand Fluke	Model: 561	Model Stal	Model Stel	Cal Due Date: Gardis	
Thermometer	Model 561	Model: <u>561</u> Cal Due Date 6/12/15	Cal. Due Date: 61215	Cal. Due Date: 6/12/15	Cal. Due Date (0-12-15	File Number	File Number
(4.2.1[1][B])	Cal Due Date CLL2415	File Number	File Number	File Number	File Number	File Number	10/9/5
(11-11-12-3)	File Number 101912	101915	101915	101-115		1.500	59.3 °F
			67,7°F	59.7F	<u>61.9</u> °F	60:5°F	
Ambient Temperature	61.2 °F	62.2 °F	<u>b.f.</u>		Temp (°F)	Temp (°F)	Temp (°F)
(6.[7])		Temp (°F)	Temp (°F)	Temp (°F)	(6.[8]/6.[9])	(6.[8]/6.[9])	(6.[8]/6.[9])
Container ID #	Temp (°F) (6.[8]/6.[9])	(6.[8]/6.[9])	(6.[8]/6.[9])	(6.[8]/6.[9])		60.0	58.3
		61,2	66.9	58.7	60.7	59.9	58.4
68685	60.3	641	66.0	58.8	61.0	60.2	58.6
68540	60.5	619	67.0	59.4	61.3	60.5	59.0
LA00000070503 68553		61.8	61.1	59.5	61.	60.5	58.9
69445	60.8	61.0	66.1	59.0	60.6	60.4	58.8
69618	59.8	60.9	1.5.5	58.8	c.5/00.5 (01.0	60.5	59.2
69013	59.9	61.	65.6	59.3 5	60.5	60.2	58.9
LASB50522	59.1	160.7	h 6515		60.4	59.9	58.7
LASB50452	59.5		62. 3-65.2	58.8		60.2	59.2
LASB50431 LASB50069	60.4	61.2	4 4	59.4	61.2	60.1	59.0
LASB50009	59.8	60.9	65.2	59.3	60.2	59.8	58.7
	59.3	61.2	65.5	58.5	100.1	59.7	58.7
69636	59.1	60.2	65.4	58.8	60.4	59.8	58.6
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Nitrate Salt-Bearing TRU Waste Container Monitoring

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6.[6] Date: From 6-1-15 to 6-7-15

	Mandau	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Container ID #	Monday Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
TA-54-375 Cell 1 (con							
69620	59.5	60.4	65,2	59.1	60.5	60.2	58.8
69520	59.2	60.4	64.9	58.9	60.6	60.0	58.7
69641	59.3	60.4	65.0	59.0	60.5	60.1	58.9
69298	59.6	60.7	65.3	59.2	60.9	59.9	59.
LASB02203	59.3	60.4	65.3	58.9	60.5	59.8	58.8
Ambient Temperature	<u>61.2</u> °F	62.7 °F	68,2°F	60,1 °F	61.5 F	60.2°F	<u>59.4</u> °F
(6.[13]) End Time (6.[14])	0904	0914_	1028	0251	0736	_0634	0754
6.[14]	Operator: 14 Operator: 14	Operator:	Operator:	Operator:	Operator: P Operator: NS	Operator: NS Operator: 7	Operator: The Operator: NS
6.[2] Comments:	Hart to	ne was	written	in corre	et OA.	2# 1249	17
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		N	A			
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#### Nitrate Salt-Bearing TRU Waste Container Monitoring

Z#

Initials Date

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# ATTACHMENT 3 Page 3 of 3

6.[6] Date: From <u>6-1-15</u> to <u>6-7-15</u>

SOM or designee (print)

Signature

6.[18] Performed by Titua Aguirre Ana Operator (print) Operator (print) Operator (print) Signature Advire Advire Operator (print) Signature Operator (print) Signature Operator (print) Signature Operator (print) Signature Operator (print) Signature Operator (print) Signature CH Madvire CH Madvire	RitherItem16326/fm 060815Operator (print)SignatureZ#Paricho MieraIItemParicho MieraIItemOperator (print)SignatureZ#Operator (print)SignatureZ#InitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsDateInitialsInitialsInitialsDateInitialsInitialsInitialsDateInitialsInitialsInitialsInitialsInitialsInitialsInitialsInitialsInitialsInitialsInitialsInitialsInitialsInitialsInitialsInitials <t< th=""></t<>
9.1[2] Reviewed by: Robert Vilander halt What 1224924 MN 6-7-1	5

# ATTACHMENT 4 Page 1 of 3

### TA-54 AREA G TA-54-375 CELL 2 NITRATE SALT TRU WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[6] Date: From  $(-1 + 1)^{-1}$  to  $(6 - 7 - 1)^{-1}$ 

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]
	Start Time: 09.65	Start Time: 09(15	Start Time: 1029	Start Time: 07.52	Start Time: 6736	Start Time: 0635	Start Time: 0755
TA-54-375 Cell 2	Charles and the second	TO MANY CONTRACTOR	Site and the second	四時時間間的17月6日	Charles and the second second	- The second sec	A MANIN CALIF
Calibrated Infrared	Brand: Fluke	Brand: Fluke	Brand: Huke	Brand Eluke	Brand: Fluke	Brand: Fluke	Brand: Flube
Thermometer	Model: 56(	Model: 561	Model: 561 Cal. Due Date: 61215	Model: 561	Model: _56/	Model: 561	Model: <u>566</u>
(4.2.1[1][B])	Cal. Due Date: 6/12/15	Cal. Due Date: 6/12/15	Cal. Due Date 61215	Cal. Due Date: 612 15	Cal. Due Date: 6-12-15	Cal. Due Date: 6 12/15	
	File Number 10 1912	File Number 101912	File Number 61912	File Number 1010	File Number 101912	File Number 101912	File Number 10 1912
Ambient Temperature (6.[7])	<u>58.5</u> °F	58.8.	62.7°F	57.2.015	<u>\$8.6</u> °F	58.8 °F	<b>58.9_</b> ⁰F
Container ID #	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
LASB02198	58.5	59.0	62.7	583	59.2	59.2	\$7.6
68638	58,3	58.7	62.6	57.6	59.0	58.5	57.9
69615	58.9	59.2	63.4	58.0	59.4	58.9	57.9
69635	59.3	59.5	63.3	58.4	59.7	59.5	58.2
69642	58.9	59.2	63.7	58.0	59.4	59.3	58.0
69630	58.9	59.3	63.3	58.1	59.4	59.1	45 <del>58.+</del> 58.1
69633	59.3	59.2	62.9	58.4	59.5	59.5	58.2
68430	59.0	59.2	63.0	57.9	59.3	59.2	57.9
68631	58.4	58.4	623	57.5	59.0	58.5	57.5
69634	58.3	58.3	62.5	57.1	58.7	58.4	57.4
68567	58.4	58.7	62.9	57.2	58.6	59.0	57.4
94227	54.4	58.5	62.3	57.4 -		58.5	57.8
LASB50442	59.2	58.8	62.7	57.8 1		58.6	57.9
69644	48.3	54.5	62.6	57.8	59.3	59.0	58-1
LASB50443	59.0	59.1	62.6 10.01 10 20 00 00	583	59.4	59.2	58.2
69638	55.8	58.8	62.5	57.9	59.2	59.0	57.8
			N	ORKING COPY			
			z	# 174927			
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# ATTACHMENT 4 Page 2 of 3

6.[6] Date: From <u>6-1-15</u> to <u>6-7-15</u>

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Container 1D #	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
CA-54-375 Cell 2 (co	ntinued)	961.394 (MC2) 8	· WARE COM	Come and and the day of	a second second second	Sal deriver and the most of	The second second second second
68624	58.9	58.9	62.8	58.0	59.1	59.0	57.9
68507	58.9 0	58:	626	57.8	58.9	58.5	57.6
69568	58.5	58.5	62.5	57.4	58.8	58.4	57.4
69553	58.4	58.4	62.3	57.2	58.6	58.5	57.5
69598	98.7	58.7	62.4	51.7	59.0	59.0	58.0
LASB50559	55.4	57.9	62.2	57.1	58.7	58.6	57.4
69015	58.8	58.6	62.3	57.8	58.9	58.7	57.7
69639	58.6	58.7	62.5	58.1	59.3	58-9	58.0
69637	58.1	58.9	62.2	58.0	59.2	59.2	58.1
mbient Temperature [13])	<u>Ne</u>	59.0 F	64.0 or	57.7°F	<u>59.1</u> °F	<u>59.2 or</u>	<u>51.9</u> °F
nd Time (6.[14])	0911	0919	1033	0756	0741	0640	0806
6.[14]	Operator: 2A Operator: A	Operator:	Operator: 4-A-	Operator:	Operator: TP Operator: NS	Operator: NS Operator: P	Operator: 0 Operator: NS

6.[2] Comments:

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Nitrate Salt-Bearing TRU	Waste Container	Moni	g
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Effective Date:	03/26/15	
Page:	33 of 40	

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6.[6] Date: From <u>6-1-15</u> to <u>6-7-15</u>

6.[18] Performed by:	5	-	$\bigcirc$	
Time Acuirre	Ava to e	The amount	14277-04	6-01-15
Operator (print)	Signature (	/	7.# Initial	
Dele Nortas	1 Stut	- 1	03461 m	1060115
Operator (print)	Signature		Z# Initial	s Date
Ting Agnirre	Alua &	arent	NADUEN	DODALS
Operator (print)	Signature		7# Initial	
Ridelland	1 DANS	a	16326 / Mr	<u>060215</u>
Operator (print)	Signature		Z# Initial	s Date
Tina Hanne	Almerto	in-12	Man WA	- N60315
Operator (print)	Signature	\	Z# Initial	
Ask-Nowford	1 ROAT	[]	6326 1Rm	1060315
Operator (print)	, Signature	D	Z# Initial	s Date
Tina Aquirre	the tal	Line Y	1922 AA	060415
Operator (point)	Signature O		Z# Initial	s Date

Rulesta	1 ADT	1532461 An 1060405
Operator (print)	Signature	Z# Initials Date
Pancho Miera	1kms	12357651 17 16-5-15
Operator (print)	Siggature	Z# Initials Date
Norman Sanchez	1 Mormon Sant	- 11818181 NS 16-5-15
Operator (print)	Signature	Z# Initials Date
Horman Sanchez	-/ loring Saul	11878181 45 16/6/15
Operator (print)	Signature	Z# Initials Date
Pancho Miera	11kms	1775765177 16-6-5
Operator (print)	Signature	Z# Initials Date
Pancho Miera	ile ms	12257151 77 16-7-15
Operator (print)	Signature 0	Z# Initials Date
Norman Sanchez	Lilopenan Janes	11878181NS 16-7-15
Operator (print)	Signature	Z# Initials Date

9.1[2] Reviewed by: Mc Sent Ungerfice SOM or designee (print) 1224951 hall 6-7-15 7# Initials Date Signature

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Document No.:	EWMO-AREAG-FO-DC	246
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## TA-54 AREA G TA-54-375 CELL 3 NITRATE SALT TRU WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[6] Date: From <u>6-1-15</u> to <u>6-7-15</u>

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]
	Start Time: 08 56	Start Time: 1904	Start Time: 1021	6.[6] Start Time: <u>D744</u>	Start Time: 0727	Start Time: 0623	Start Time: 0744
TA-54-375 Gell 3	Mark Mark State State	and the state of the	Sales - Landia		1.111111111111111111111111111111111111	日本時期時期時期時代	
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: <u>Fluke</u> Model <u>561</u> Cal. Due Date <u>G/12/15</u> File Number <u>1019/5</u>	Brand: <u>Fluke</u> Model: <u>561</u> Cal Due Date <u>612</u> 15 File Number <u>10</u> 1915	Brand: $fluk-e$ Model 56 1 Cal Due Date 6(1215 File Number) 0 [915	Brand: <u>Pluce</u> Model: <u>561</u> Cul Due Date: <u>6/12/15</u> File Number <u>10/9/5</u>	Brand: <u>Flut les</u> Modet: <u>Sto 1</u> Cal. Due Date: <u>G-12-15</u> File Number <u>10/915</u>	Brand: Fluke Model: 561 Cal Due Date: (a/12/15 File Number 101915	Brand         Fluice           Model         S6 (           Cal Due Date         612-15           File Number /01915
Ambient Temperature (6.[7])	60.6 °F	59.9 .	64.5°F	<u>55.0</u> °F	60.0 °F	60.4 °F	<u>58.0</u> °F
Container ID #	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
69519	59.0	59.0	62.2	57.6	58.8	58.5	\$7.8
69645	58,1	58.8	62.1	578	59.0	58.0	57.7
94068	59.1	58.8	62.2	Lines 57.9	58.9	58.2	57.8
93605	59.3	59,3	63.3	58.4	59.3	58.3	
69548	59.0	59.0	624	58.8	59.1	58.8	58.0
69604	59.3	59.1	63.1	582	59.2	58.7	58.1
LASB50529	159.2	59.0	62.6	58.2	59.4	58.5	58.3
LASB50418 @	R. W.S.T. N. 54.1	595	63.3	58.1	59.8	58.9	58.1
69036	59.2	59.4	63.1	58.4	59.Z	58.7	57.6
LASB50451	59.4	59.1	63.4	58.0	59.3	58.6	57.8
69559	59.3	593	63.1	58.3	59.7	58.6	58.(
LASB50448	59.6	59.4	6.9.0	58.4	59.7	58.9	58.3
87823	60.2	603	65.0	58,3	60.0	57.0	58.Z
87825	61.2	61.1	66.6	58.4	60.Z	59.1	58.5
87826	600	60.1	64.5	58.3	59.8	59.2	<u> </u>
87827	60.0	60.4	64.3	583	59.8	59.0	58.2

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## 6.[6] Date: From <u>6-1-15</u> to <u>6-7-15</u>

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Container ID #	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
TA-54-375 Cell'3 (com	tinued)	and the second	物理解的時間構成目的	5%的能力。	4回、19月2日、19月2日	心的情况可能能出自然的情	相同的代码和代码的目的
Ambient Temperature (6.[13])	60.0°F	<u>60,3</u> of:	<u>८५,२</u> • F	58.2°F	<u>\$9.4</u> °F	<u>59.3</u> °F	57.7_°F
End Time (6.[14])	0858	0901	1023	1040649014	0731	0628	0748
6.[14]	Operator:	Operator:	Operator:	Operator:	Operator: Operator:	Operator: NS Operator: P	Operator: NS
6.[2] Comments:	end tin	ne logg	written	incorr	ect. It	174277	
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	ATTACHI Page 3			
6.[18] Performed by			A. 1	

Live Acustre August	1107AA 160-15	Rile Marteya	1 BUL	1632161 Ru 1060413
Operator (print) Signature	Z# Initials Date	Operator (print)	Signature	Z# Initials Date
Still Marting 1 AS NA	2 1163714 ke 1060115	Pancho Miera	14ans	1235765 1 7 16-5-15
Operator (print) Signature	Z# Initials Date	Operator (print)	Signature	Z# Initials Date
Thug Hamper Huge As	10 MUG77 8D4 1060215	Norman Sancley	1 loking Sary	11818181 NS 16-5-15
Operator (print) Signature	Z# Initials Date	Operator (print)	Signature 7	Z# Initials Date
Lich Matrice 1 Roma	- 163216 1 Am 1060715		2/ Mermon Sarch	1878181 NS 16/6/15
Operator (print)Signature	Z# Initials Date	Operator (print)	Signature	Z# Initials Date
ling Aquire Atalle		Pancho Miera	112ms	12957651 7 16-6-15
Operator (print) Signature	Z# Initials Date	Operator (print)	Signature	Z# Initials Date
Jule Musling/ RD 1	B. 1632161 Ru 1060315	Hancho Miera	Pins	123576477 16-7-15
Operator (print) Signature	Z# Initials Date	Operator (print)	Signature	Z# Initials Date
Time Aquirre Mun Aga	numpt 060415	Norman Sanchiz	- Morman Sant	-11818181 HS16-7-15
Operator (print) Signature	Z# Initials Date	Operator (print)	Signature	Z# Initials Date
0 1[2] Reviewed by:				

9.1[2] Reviewed by: R, but Uharder SOM or designee (print) halt Man 12149311 1. 1/1 6-7-15 Z# Initials Date Signature



### ATTACHMENT 3 Page 1 of 3

#### TA-54 AREA G TA-54-375 CELL 1 NITRATE SALT TRU WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

# 6.[6] Date: From <u>6-8-15</u> to <u>6-14-15</u>

		Monday 6.[6]	Tuesday 6.[6]	Wednesday 6.[6]	Thursday 6.[6]	Friday 6.[6]	Saturday 6.[6]	Sunday 6.[6]
		Start Time: <u>0813</u>	Start Time: 	Start Time: 	Start Time:	Start Time:	Start Time:	Start Time:
TA-54-375 Cell 1		A H H SA D WIT	- Section Testing Section		and the second with	o sol section "		STARLE BRACK
Calibrated Infrared Thermometer (4.2.1[1][B])	3	Brand: $\underline{F/UK e}$ Model: $\underline{S6}$ Cal. Due Date: $\underline{6-12-15}$ File Number $\underline{10+9+7}$ 10+9+5	Brand: <u>Floke</u> Model: <u>561</u> Cal. Due Date: <u>6-12-</u> 7 File Number <u>101915</u>	Brand: $\underline{Fluke}$ Model: $\underline{56}$ S Cal. Due Date: $\underline{6-12+5}$ File Number 101915	Brand: Model: Cal. Due Date: File Number	Model:	_ Model:	Model:
Ambient Temperat (6.[7])	ture	<u>59.9</u> °F	<u>60.3</u> °F	60.5 °F	°F	°F	°F	°F
Container ID	)#	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
68685		59.0	60.2	60.2				
LA00000070503	68540 68553	<u> </u>	60.3	60.3 60.7				
69445		59.8	60.9	61.0	· · · · ·			
69618		59.3	60.7	60.7				
69013		59.2	60.6	60.6				-
LASB5052	2	59.5	60.8	60.5				
LASB5045	2	59.1	60.3	60.0				
LASB5043	·	58.6	60.2	60.1				
LASB5006	_	59.6	60.5	60.6				
LASB5007.	3	59.4	60.7	60.7				
69636		58.8	59.9	59.9				
69616 69417		<u>59.7</u> 58.9	<u>59.9</u> 60.3	60.0				

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### ATTACHMENT 3

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6.[6] Date: From <u>6.8-15</u> to <u>6-14-15</u>

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Container ID #	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
TA-54-375 Cell 1 (con	tinued)						
69620	59.8	60.5	60.6				
69520	59.1	60.4	60.4				
69641	59.1	60.5	60.6				
69298	59.1	60.5	60.5				
LASB02203	59.1	60.4	60.3				
Ambient Temperature (6.[13])	<u>60.3</u> °F	60.8 °F	<u>60.8</u> °F	°F	°F	°F	°F
End Time (6.[14])	0817	0636	0635	· · · · · · · · · · · · · · · · · · ·			
6.[14]	Operator: <u>EP</u> Operator: <u>Cm</u>	Operator: <u>EP</u> Operator: <u>EP</u>	Operator: <u>FP</u> Operator: <u>C</u>	Operator: Operator:	Operator: Operator:	Operator: Operator:	Operator: Operator:

6.[2] Comments:

# ATTACHMENT 3 Page 3 of 3

6.[6] Date: From <u>6-8-15</u> to <u>6-14-15</u>

[18] Performed by:	11.21					
Edurod Probres	Videod Verha	400497 EP 16-8-15		/	1	1 1
Operator (print)	Signature	Z# Initials Date	Operator (print)	Signature	Z#	Initials Date
1-on monton	1	11915261216-8-15	0	1	/	1 1
Operator (print)	Signature	Z# Initials Date	Operator (print)	Signature	Z#	Initials Date
Elwasd Strace	1 Adent Victor	11004471 EP 16-9-13			/	1. 1
Operator (print)	Signature	Z# Initials Date	Operator (print)	Signature	Z#	Initials Date
Leva montage	1-1-	1915261 2 16-9-15		/	/	1 1
Operator (print)	Signature	Z# Initials Date	Operator (print)	Signature	Z#	Initials Date
Eductival Proher	1 Soleval lake	1001197 1 20 10-10-15		/	/	1 1
Operator (print)	Signature	Z# Initials Date	Operator (print)	Signature	Z#	Initials Date
Lan montoya	1 - The	V9/526 P. K-10-15		1	/	1 1
Operator (print)	Signature	Z# Initials Date	Operator (print)	Signature	Z#	Initials Date
	1	1 1 1		/	/	1 1
Operator (print)	Signature	Z# Initials Date	Operator (print)	Signature	Z#	Initials Date
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### 9.1[2] Reviewed by:

	1	1	1	1
SOM or designee (print)	Signature	Z#	Initials	Date

#### TA-54 AREA G TA-54-375 CELL 2 NITRATE SALT TRU WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[6] Date: From <u>6-8-15</u> to <u>6-14-15</u>

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]
	Start Time: 0819	Start Time: <u>063'7</u>	Start Time: 0636	Start Time:	Start Time:	Start Time:	Start Time:
TA-54-375 Cell 2							
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: $f/\sqrt{bc}$ Model: $56/$ Cal. Due Date: $6-12-15$ File Number $10/9/12$	Brand: $F/\omega k \le$ Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101912</u>	Brand: $f=1/2/15$ Model: $56/25$ Cal. Due Date: $6-12-15$ File Number $101912$	Brand: Model: Cal. Due Date: File Number			
Ambient Temperature (6.[7])	<u>57.3</u> °F	<u>59.5</u> °F	<u>60.6</u> °F	~°F	°F	~F	
Container ID #	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6,[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
LASB02198	5.7.9	60.1	60.5				
68638	58.2	59.7	60.4				
69615	58.2	59.8	60.6				
69635	58.6	60.3	61.4				
69642	58.1	59.9	60.9		1		
69630	58.2	59.8	60.6				
69633	58.5	59.9	61.2	···			
68430	58.0	59.8	60.4				
68631	57.7	59.3	60.5				
69634	57.3	59.1	59.8				
68567	5.7.5	59.0	59.8				
94227	57.6	59.2	60.4				
LASB50442	58.0	59.9	61.1				
69644	58.0	59.5	62.3	· · · · · · · · · · · · · · · · · · ·			
LASB50443	58.4	59.9	61.1				
69638	58.1	59.7	61.2				

Z# 187066 INITIAL JA DATE 6-8-15

6.[6] Date: From <u>6-8-15</u> to <u>6-14-15</u>

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Container ID #	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
TA-54-375 Cell 2 (con	tinued)						
68624	58.4	60.9	61.3				
68507	57.9	59.2	b0.b		<u> </u>		
69568	57.7	59.2	61.1				
69553	57.4	59.0	60.2				
69598	57.5	59.1	60.4				
LASB50559	57.3	EP6.4159.3 591	61.2		<u> </u>		
69015	57.7	5764.15 59 7 593	61.3				
69639	58.4	4776-9-15 59.4 59.7	613		<u> </u>		
69637	57.9	59.4	61.1				
Ambient Temperature 6.[13])	<u>58./</u> °F	<u>59.9</u> °F	60.7 °F	°F	•F	°F	°F
End Time (6.[14])	0822	0.641	0639				
6.[14]	Operator: <u>PP</u> Operator: <u>Cm</u>	Operator: <u>P</u> Operator: <u>A</u>	Operator: <u>FP</u> Operator: <u>A</u>	Operator: Operator:	Operator: Operator:	Operator: Operator:	Operator: Operator:

6.[2] Comments:

Page:

6

03/26/15

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EWMO-AREAG-FO-DOP-1246

# ATTACHMENT 4 Page 3 of 3

6.[6] Date: From <u>6-8-15</u> to <u>6-14-15</u>

[18] Performed by: Educed Prehen	Stevel Detra	100447 EP 6-8-15		7	/	1 1
Operator (print)	Signature	Z# Initials Date	Operator (print)	Signature	Z#	Initials Date
Leon montoya	Lac	191521 1 Lan 16-8-15		1	/	_/
Operator (print)	Signature 1	Z# Initials Date	Operator (print)	Signature	Z#	Initials Date
Ellword Vacher	1 Step / Viche	1004971 20 16 9-15		/	/	1 1
Operator (print)	Signature	Z# Initials Date	Operator (print)	Signature	Z#	Initials Date
her montoya	1	119/526 1 2 16-9-15		/	1	1 1
Operator (print)	Signature / /	Z# Initials Date	Operator (print)	Signature	Z#	Initials Date
Ellivailo Proteco	Hend When	1004971EP 16-10-15		1	1	1 1
Operator (print)	Signature	Z# Initials Date	Operator (print)	Signature	Z#	Initials Date
bound muntoria		191526 2 16-10-15		1	1	1 1
Operator (print)	Signature	Z# Initials Date	Operator (print)	Signature	Z#	Initials Date
	1	1 1 1		/	/	_//
Operator (print)	Signature	Z# Initials Date	Operator (print)	Signature	Z#	Initials Date

9.1[2] Reviewed by:

SOM or designee (print) Signature Z# Initials Date

### TA-54 AREA G TA-54-375 CELL 3 NITRATE SALT TRU WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[6] Date: From <u>6-8-15</u> to <u>6-14-15</u>

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]	6.[6]
	Start Time: <u>0808</u>	Start Time: <u>0628</u>	Start Time: <u>0628</u>	Start Time:	Start Time:	Start Time:	Start Time:
TA-54-375 Cell 3							
Calibrated Infrared Thermometer	Brand: $\underline{F/\omega/f.e.}$ Model: $\underline{56/}$ Cal. Due Date: $\underline{6\cdot/2\cdot/5}$	Brand: $\frac{F/U/Se}{SU/2}$ Model: $\frac{SU/2}{SU/2}$ Cal. Due Date: $U=12-15$	Brand: Fluke Model: <u>561</u>	Brand:	Brand:	Brand: Model:	Brand: Model:
(4.2.1[1][B])	File Number <u>101915</u>	File Number 101915	Cal. Due Date: 6-12-15 File Number 101915	Cal. Due Date: File Number	Cal, Due Date: File Number	Cal. Due Date: File Number	Cal. Due Date: File Number
Ambient Temperature (6.[7])	<u>5⁻8.7</u> °F	<u>\$7.8</u> °F	<u>62.0</u> °F	۰F	۰F	•F	۰F
Container ID #	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
69519	57.9	59.0	61.6				
69645	58.0	59.0	61.7				
94068	57.7	59.2	61.8				
93605	58.1	59.6	62.0				
69548	57.9	59.6	62.1				
69604	58.1	59.3	61.9				
LASB50529	58.3	59.3	61.8				
LASB50418	57.9	59.4	62.4				
69036	57.8	59.2	61.8				
LASB50451	58.0	59.4	61.7				
69559	58.3	59.8	62.0				
LASB50448	58.4	59.4	62.0				
87823	58.6	59.5	61.5				
87825	59.0	59.5	61.3				
87826	58.7	59.3	62.2				
87827	58.5	59.3	62.1				

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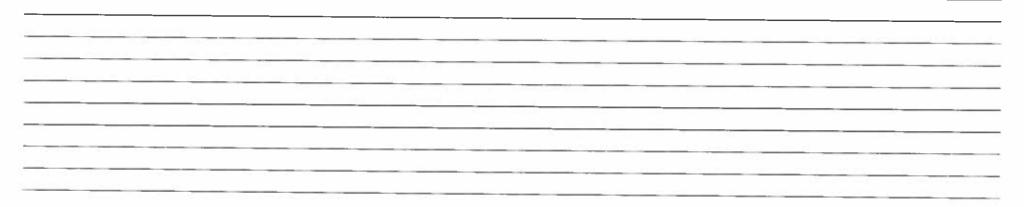
NITE JR

DATE 6.8-15

6.[6] Date: From  $6 \cdot 8 - 15$  to  $6 \cdot 14 - 15$ 

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Container 1D #	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
TA-54-375 Cell 3 (con	tinued)						
Ambient Temperature (6.[13])	<u>58.6</u> °F	<u>58.6</u> °F	<u>62.0</u> °F	°F	°F	°F	^F
End Time (6.[14])	0812	0632	0631				
6.[14]	Operator: <u>FP</u> Operator: <u>Lon</u>	Operator: EP Operator:	Operator: <u>FP</u> Operator: <del>S</del>	Operator: Operator:	Operator: Operator:	Operator: Operator:	Operator: Operator:

6.[2] Comments:



## ATTACHMENT 5

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6.[18] Performed by: Followed Pachen	21 121			1	7	1 1
Operator (print)	Signature	<u><i>Vov 497   j=P   6-8-2015</i></u> Z# Initials Date	Operator (print)	Signature	Z#	Initials Date
Derator (print)	Signature	<u>1915261 147 16-8-15</u> Z# Initials Date	Operator (print)	/ Signature	/ Z#	/ / Initials Date
<u>Ellernal Tasker</u> Operator (print)	Signature	<u>   00491   LED   6-9-15</u> Z# Initials Date	Operator (print)	Signature	/ Z#	Initials Date
Operator (print) )	Signature 2	<u> /9/526  &amp;  6-9-15</u> Z# Initials Date	Operator (print)	Signature	Z#	/ / Initials Date
Derator (print)	Signature	<u>100497   EP   6 - 10 - 15</u> Z# Initials Date	Operator (print)	/ Signature	/ Z#	/ / Initials Date
<i>Lorn Man Torna</i> Operator (print)	Signature	<u>1/9/526 E 16-16-15</u> Z# Initials Date	Operator (print)	/ Signature	Z#	/ / Initials Date
Operator (print)	Signature	Z# Initials Date	Operator (print)	/ Signature	/ Z#	/ / Initials Date

9.1[2] Reviewed by:

SOM or designee (print) Signature Z# Initials Date

Nitrate Salt-Bearing TRU Waste Container Monitoring	Document No.: Revision: Effective Date: Page:	EWMO-AREAG-FO-DOP-1246 6 03/26/15 37 of 40
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#### TA-54 AREA G NITRATE SALT TRU WASTE CONTAINER HOURLY TEMPERATURE DATA SHEET

6.[6] Date: From6 24-15 10 6-04-15

UET

Location: 375

	Start Time: 6.[6] 0644	Start Time; 6.[6]	Start Time: 6.[6]		Start Time:	Start Time: 6[6]	Start Time: 6.[6]	Start Time: 6[6] 1336	Start Time: 6[6] 1441	Start Time 6.[6] 1536	Start Time: 6.[6] 1.634	Start Time 6.[6] 1724	Start Time 6.[6]	Start Time
Calibrated Infrared Thermometer (4.2.1[1][B])	Model A Cal Due trate. File Number	Brand Model: Calviue Pate. File Number	Brand Model		Brand Model Cal Obo Date File Number	Brand Model: Cai Due Date: File Number	Brand Model Cal. Due Date File Number	Brand Model: Cal DueDate File Number	Brand Model Cal Due Date File Number	Brand Model Cal Due Date File Number	Brand Model: Cal DueDate: File Number	Brand Model Cal. Due Date File Number	Brand Model Cal Due Date: Fite Aumber	Brand Model: Cal. Due Date File Number
Ambient Temperature (6.[7])	57.24	57.14	58,12.	60.745	<del>ال</del> ولية الم	66.18 ·F	69.20 F	(01.35 F	<u>69.95 -</u> F	<u>69-96</u> F	69.96 **	69.95 F		°F
Container ID # (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp ("F) (6. 8]/6 [9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (°R) (6.[8]/6.[9]01	Temp (°F) (6.[8]/6.[9])
6868571	57,58	57.65	58.8	62.06	- Pa	68,19	71.57	72.24	72.8	72.87	72.84	72.66	L V	h
6868572	57-51	52.90	59.13	61.52		66.36	69.23	70.08	70.50	70.65	70.70	70.72	$\square$	A
5052274	1			60.35	6	64.61	66.82	67.48	67.86	67.9	67.95	68.06		$\backslash$
5052215	57.93	58.16	5874	60.57	53	64,66	66.71	67.36	67.8	67.84	67.91	68.0		$\square$
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6.[6] Date: 1	⁼rom <u>6-D4-</u>	<u>15 10 6-0</u>	4-15	Location:	375	<u> </u>	TACHMENT Page 2 of 3	<u>r 6</u>							
Container ID # (6.[8]/6.[9])	Temp (*F) (6 [8]/6 [9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6_[8]/6_[9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp ("F) (6 [8]/6 [9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (* (6.[8]/6.[*	F) 9])
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2	24							100						<u>\</u>	
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Ambient							1015	1000	10.00	1001	1001			$  \cdot  $	
Temperature (6.[13])	57.245		58.12.F	<u>60.9</u> £	TO "F	66, <u>35</u> .F	<u>69.15</u> .F	69.35 F	<u>69.90</u> • F	<u>69-96</u> •F	<u>69.94</u> .F	70.09 ·F	۰F	$\left  - + \right $	۴F
End Time (6.[14])	0645	0730	0819	0922		1120	1239	1337	<u>1442</u>	<u>1537</u>	1635	2571		$  \longrightarrow$	_
6.[14] (	Operator (	Omerator DC	Operator:	Operator	Operator 2	Operator:	Operator:	Operator:	Operator		Operator- NS	Openior	Operator:	Operator:	7
	Operator:	Operator:	Operator:	Operator 23	Operator 3	Creralge	Operator: <u>NS</u>	Operator:		Operator:	Operator:		Operator:	Operator:	_/

Document No.: EWMO-AREAG-FO-DOP-1246 Revision: 6 Nitrate Salt-Bearing TRU Waste Container Monitoring 03/26/15 Effective Date: 39 of 40 UET Page: ATTACIIMENT 6 Page 3 of 3 6.[6] Date: From 6-04-15 to 6-04-15 Location: 375 6.[2] Comments: Due to Emangency Exercise Drill, unable to porform 10 oclock inspection, Nothfield SUM. 6.[18] Performed by: 10326, 0. Z# Operator (print) Signature Initials Date Signature **Operator** (prin Z# 1 Operator (print) Signature Z# Initials Date Z# Operator (pry 11445 arry Umbo Operator (print) Signature Z# Initials Date 2" Initials Operator (print) Date NOUNDA Signature Z# Initials Date Operator (print) Operator (print) Signatu Z# Date Hancho 1 6 Signature Operator (print) Initials Date Operator (print) Signature Z# Initials Date Operator (print) Signature Z# Initials Date Operator (print) Signature N Z# Initials Date Operator (print) Signature Z# Initials Date Z# Initials Date Operator (print) Signature 9.1[2] Reviewed by:

SOM or designee (print) Z# Initials Date Signature

Nitrate Salt-Bearing TRU Waste Container Monitoring	ť	Document No.: Revision: Effective Date:	EWMO-AREAG-FO-DOP-1246 6 03/26/15
UET		Page:	37 of 40

#### TA-54 AREA G NITRATE SALT TRU WASTE CONTAINER HOURLY TEMPERATURE DATA SHEET

6 [6] Date: From 6/4/15 to 6/5/15 Location: 375

	Start Tune. _6.[6]	Start Time: 6 [6]	Start Time:	Start Time: 6 [6]	Start Time:	Start Time. 6 [6]	Start Time: 6.[6]	Start Time	Start Time	Start Time: 6.[6]	Start Time 6.[6]	Start Time: 6.[6]	Start Time: 6 [6]	Start Time: 6 [6]
	1830	(16) 1924	2030	2127	2227	<u>Z328</u>	0030	0.130	0227	0328	0425	0523	<u> </u>	
Calibrated Infrared	Brand	- Heand	Brand	Brund	Brand									
Thermometer	Model	Model	Model	Model	Model	Model /	Nodel	Model						
(4.2.1[1][B])	Cal Due Date	Col. Due Date	Cal Due Date	Cal Due Date	Cal. Due Date	Call Due Date	Cal Due Date	Cal Due Date	Cal Due Date	Cal Due Date	Cal Due Date	Cal Due Date	Cal Dec Date	Cal Due Date
	File Number	Ede Number	File Number	File Number	File Number									
Ambient Temperature (6.[7])	69.28 ·F	<u>68.51 °</u> 1;	lob-47*1	64.75-F	<u>63,98</u> -+	<u>62.32</u> .F	(40.40.4	<u>59.72</u> #	59524	<b>59.57</b> **	<u>59,02 -</u> #	<u>5967</u> •F		
Container ID # (6 [8]/6 [9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6 [9])
68685 TI	71.35	70.24	6757	65.58	64.64	62.95	60,91	60.80	59.98	60.12	60. K	60.12		1
68685 TZ	(8.86)	69.16	1.7.25	65.41	GH.60	62.81	61.18	61.0	60.52	60.35	60.47	60.44		W
50522 T4	67.55	66.96	65.45	64.2	65.47	62.13	60.73	60,63	59.94	59.89	59.97	60.02	[	A
505ZZ TS	67.66	67.14	65.6	64.34	63.65	62.35	60.99	60.79	60,18	60.08	60.16	60.18		
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6.[6] Date: 1	From <u>6/4/1</u>	5_10_6/	5/15	Location:	375	<u>A1</u>	TACHMEN Page 2 of 3	<u>1. e</u>				2		
Container ID # (6.[8]/6 [9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6 [8]/6.[9])	Temp (°F) {6.[8]/6.[9])	Temp (*F) (6 [8]/6 [9])	Temp (°F) (6 [8]/6 [9])	Temp (°F) (6 [8]/6 [9])	Temp (*F) _(6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (°F) (6 [8]/6 [9])	Temp (°F) (6 [8]/6 [9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6 [8]/6 [9])	Temp (°F) (6[8]/6[9])	Temp ("F) (6.[8]/6.[9])
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Ambient														
Temperature (6 [13])	<u>(B.12-</u> F	<u>68.60 °</u> F	<u>(d. 50</u> °F	<u>6475</u> •F	<u>63,96</u> 5	<u>62.21</u> · F	-60.40F	<u>59.72</u> .F	<u>59.52</u> F	<u>59.57</u> •F	59.62 .F	<u>59.59</u> -F		
End Time (6.[14])	_1830_	1925	2030	2/27	JJJ	2328	0030	0150	0227	<u>0329</u>	0425	0523	<u></u>	<u> </u>
6 [14]	Operator	Operator:	Operator	Operator	Operator	Operator	Operator	Operator	Operator	Operator:	Operator	Operator N	Operator	Operator
		Operator	Operator	Operator	Operator:	Operator	Operator	Operator	Operator	Operator	Operator:	Operator	Operator	Operator:

UET		Nitrate Salt-Bearing TRU Wa	ste Container Monitori	ng			Document No.: Revision: Effective Date: Page:	EWMO-AREAG-FO-DOP-1240 6 03/26/15 39 of 40
			ATTACHM Page 3 o					
6.[6] Date: From	<u>4/15_10_6/5/15</u>	Location: <u>375</u>						
6 [2] Comments	Ulc							
						a contra		
		1172 E						
6.[18] Performed by: Michael Vigi		and a second a second as a		7		/	7 8	
Pictor (print)	Signatule	Z/SZ67 1/11V 1 6/4/15 Z# Initiats Date	Operator (print)	Signature	Z#	Initials	Date	
Operator (print)	1 Dormy Darak	. 1114474 1018 16-4-15 Z# Initials Date	Operator (print)	/ Signature	/ 	/ Initials	Date	
Operator (hum)	Signature				/	1	1	
Operator (print)	Signature	Z# Initials Date	Operator (prmt)	Streasture	ZH	Initials	Date	
<pre>////////////////////////////////////</pre>	7	/ / / Z# Initials Date	Operator (print)	Signature	/ 	/ Initials	Date	
Operator (print)	Signature NA	Z# Initials Date		9		1	1	
Operator (print)	Signature	2# Initials Date	Operator (print)	Signature	- Alt	Initials	Date	
Operator (print)	/ Signature	7# Initials Date	Operator (print)	Signature	/ Z#	aktitut	Date	
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	1		Operator (print)	Signature	2#	1		

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SOM or designee (print) Signature Z# Initials Date



#### Nitrate Salt-Bearing TRU Waste Container Monitoring

# Document No.:EWMO-AREAG-FO-DOP-1246Revision:6Effective Date:03/26/15Page:37 of 40

#### ATTACHMENT 6 Page 1 of 3

#### TA-54 AREA G NITRATE SALT TRU WASTE CONTAINER HOURLY TEMPERATURE DATA SHEET

6.[6] Date: From 6/5/15 to 6/5/15 Location: Nome 375

	Start Time: 6 [6] 0642	Start Time: 6.[6] 0719	Start Time: 6[6] 084]	Start Time: 6.[6]	Start Time: 6.[6] /0 3 4	Start Time: 6.[6] 1137	Start Time: 6.[6] [2.34]	Start Time: 6.[6] 1333	Start Time: 6.[6] 1433	Start Time: 6.[6] 1 <b>538</b>	Start Time: 6.[6] [635	Start Time: 6.[6] 1722	Start Time: 6.[6]	Start Time: 6.[6]
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: Model: Cal/Mappate File Number	Brand. Model Cal CeAbate File Number	Brand: Model: Cal Dec Date. File Number	Brand: Model Cal Dor Date File Number	Brand Model: Cal DU Date: File Number	Brand. Model: Cal. 1999 Date: Fre Number	Brand: Model: Callfor Date. File Number	Brand: Model Cal/ <b>h/Done</b> Fil/ Number	Brand Model: Call fulDate: Fre Number	Brand Model: Call Ha Date File Number	Brand: Model: Cal The Date File Number	Brand: Model: Call Depende: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File pumber
Ambient Temperature (6.[7])	<u>5853 ·</u> F	58.85 · F	60.64.F	61.61_F	(2.02.F	6 <u>311</u> .F	64.95 °F	65.67.F	66.26 .F	67.98 ·F	67.81 ·F	67.73 ·r	°F	
Container ID # (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp ("F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
68685 T.	59.06	59.37	61.26	62.38		64.03	66.11	67.03	67.91	69.82	69.89	69.17		
68685 T.		59.62	61.41	62.49	62.96	63.82	65.40	66.15	66.71	68.10	68.48	68.37		
50572 T4		59.51	60.58	61.4	61.8	62.3	63.61	64.39	64.81	66.12	66.39	66.13	~~~~~/A	-
50522 TS	59.53	59.63	60.7	61.58	61.93	62.51	63.86	64.58	69.99	66.18	66.45	66.3	·····	
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UET		2	Nit	rate Salt-Bear	ing TRU Wa	ste Container	Monitoring				Document Revision: Effective I Page:	6		D-DOP-1246
6.[6] Date:	From <u>6 5 </u>	15 to 6	5/15	Location:	Jome 3		FTACHMEN Page 2 of 3 -	<u>r 6</u>						
Container 1D # (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6 [8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (°F) (6 [8]/6 [9])	Temp (*F) (6.[8]/6 [9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp ("F) (6 [8]/6 [9])
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Ambient Temperature (6.[13])	58.56 ·F	5 <u>8.85</u> -r	60.64.F	<u>(61.61</u> .F	62.04F	(3.02. ·F	65.10 F	65.57.F	(06.20 ·F	68.03°F	<u>67.81</u> .F	6276-F	•F	
End Time (6.[14])	0643	0720	0842	<u>0941</u>	1035	1138	1235	1334	<u>1434</u>	1539	1636	<u>2271</u>		$\square$
6,[14]	Operator:	Optrofor	Operator NS	Oper	Operator:	Operator: Operator:		Operator:	Operator:	Operator		Operator	Operator;	Operator:
	Operator	Operator:	Optravr			Operator:	Operation	Operative	Operator:	Operator:	Operative	Operator NS	Operator	Operator:
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DET		Nitrate Salt	Bearing TRU Was	te Container Monitor	ing			Document No.: Revision: Effective Date: Page:	EWMO-AREAG-FO-DOP-12 6 03/26/15 39 of 40
[6] Date: From 6	5/15 10 6/5/1	5 Locatio	m: Dome 373	ATTACHN Page 3 c	<u>1ENT 6</u> of 3				
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Operator (print) Cor in au Sanch, Operator (print)	21 Joe mon Sac	2# II 2# II	nitials Date		1	/	1 1	Date	
Operator (print) Lor in and Sanch, Operator (print) Operator (print)	Signature Signature	2# //??!!!!!! // // //	nitials Date <u>(5 / 6-5-(5</u> notials Date	Operator (print)	/ Signature	/ Z# /	Initials	Date	
Operator (print) <u>Lor in an Sanch</u> Operator (print) Operator (print) Operator (print)	Signature Signature / Signature /		nitials Date <u>S / 6-5-(5</u> nitials Date perfils Date	Operator (print) Operator (print)	/ Signature / Signature /	/ 2# / 7#	Initials	Date Date	
[18] Performed by: Prancho Mie Operator (print) Operator (print) Operator (print) Operator (print) Operator (print) Operator (print) Operator (print)	Signature		nitials Date <u>S / 6-5-(5</u> nitials Date <u>Mathematical S</u> nitials Date <u>/</u> <u>/</u>	Operator (print) Operator (print) Operator (print)	/ Signature / Signature / Signature	/ Z# / Z# /	Initials Initials	Date Date Date Date	
Operator (print) Operator (print) Operator (print) Operator (print) Operator (print) Operator (print) Operator (print)	Signature Signature Signature Signature Signature Signature		nitials Date	Operator (print) Operator (print) Operator (print) Operator (print)	/ Signature / Signature / Signature / Signature /	/ 2# / Z# / Z# / Z# /	Initials Initials Initials Initials	Date Date Date Date Date	
Operator (print) Operator (print) Operator (print) Operator (print) Operator (print) Operator (print)	Signature / Signature / Signature / Signature / Signature / Signature / Signature		nitials Date <u>(S) (G-S-(S)</u> nitials Date <u>/</u> nitials Date <u>/</u> nitials Date <u>/</u> nitials Date <u>/</u> nitials Date <u>/</u>	Operator (print) Operator (print) Operator (print) Operator (print) Operator (print)	/ Signature / Signature / Signature / Signature / Signature	/ ZH / ZH / ZB / ZB / ZH /	/ Initials Initials / Initials / Initials / Initials / Initials / Initials	Date Date Date Date Date	

 Nitrate Salt-Bearing TRU Waste Container Monitoring
 Document No.:
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 Nitrate Salt-Bearing TRU Waste Container Monitoring
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 03/26/15

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#### ATTACHMENT 6 Page 1 of 3

#### TA-54 AREA G NITRATE SALT TRU WASTE CONTAINER HOURLY TEMPERATURE DATA SHEET

6.[6] Date: From 6-5-15 to 6-6-15 Location: Dome 3.75

	Start Time 6 [6] /828	Start Tunc 6.[6] 1926	Start Time 6.[6] 2028	Start Time: 6.[6] 2.1.2.5	Start Time: 6 [6] 2227	Start Time: 6.[6] 2378	Start Time: 6 [6] 0025	Start Time 6 [6] 0 / 20	Start Time 6 [6] 02.26	Start Tume: 6.[6] 0.328	Start Time: 6 [6] 0429	Start Time: 6 [6] 0 <u>5 2 5</u>	Start Time: 6 [6]	Start Time: 6.[6]
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand	Brand	Brand	Nirand	Hrand	Brand Model Cal Duc Date File Number	Brand Model A Cal Date File Number	Brand	Brand Nodel Cat Dub Date File Number	Hrand	Brand Modely 44 Cal DucDate File Number	Brand	Brand Model Cal Dre Date File Number	Brand Model Cal Due Date File Number
Ambient Temperature (6.[7])	66.19 °F	<u>65,63</u> °F	<u>64.72</u> °F	<u>63.24</u> .F	<u>61.95 -</u> #	<u>60.69</u> .4	<u>59.89</u> F	<u>59.46</u> 1	<u>57.09</u> .F	59.08 -	58.84 -	58.64	FF	F F
Container ID # (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6 [8]/6.[9])	Temp ("F) (6.[8]/6 [9])	Temp (*F) (6.[8]/6 [9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6 [9])	Temp (*F) (6.[8]/6 [9])	Tcmp (*F) (6 [8]/6 [9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Tcmp (*F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6 [9])
771) 68685	67.55-	66.52	6530	63.95	62.51	61.24	60.38	59.90	59.54	59.54	59.24	59.04		
T(2) 68685		66.26	65.28	63.97	62.64	61.44	60.58	60.18	59.84		59.44	59.27		Ν
T/4) 50522	1-	64.52	63.85	62.91	61.98	61-12	60.47	60.09	59.82			59.37		$  \rangle$
T(5) 57522		64.72	64.06	63.69	62.17	61.22	60,62	60.20	57.91	59.90	59.74	59.58		-
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6.[6] Date:	From <u>6-5-1</u>	1 <u>5</u> 10 <u>6 6</u>	-15	Location:	Dome 37		TACHMEN Page 2 of 3	<u>T 6</u>						
Container 1D # (6.[8]/6.[9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6.[9])	Temp (°F) (6 [8]/6.[9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6.[8]/6 [9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6 [9])	Temp (°F) (6 [8]/6 [9])	Temp (°F) (6 [8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6 [9])
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Anibient Temperature (6.[13])	66.19 ·F	<u>65.63</u> •F	64.72.F	<u>63.24</u> F	<u>61.94</u> •F	<u>60.67</u> •F	<u>59.89 °</u> f	<u>57.46_</u> •F	<u>59.09</u> •F	<u>57.08 °F</u>	<u>58.89 •</u> F	<u>58.64</u> •F	<u></u> •F	•F
End Time (6.[14])	1828	1926	2029	2125	2227	2328	0025	0120	0726	0328	0429	0525		
6 [14]	Operator WC/C	Operator:	Operator: <u> <u> </u> </u>	Operator:			Operatur	Operator: Operator: Off	Operator: Operator: Operator:	Operator:	Operator:	Operator:	Operator	Operator:
	Operator:	Operator	Operator:	Operator:	enerator CDK	Operator (AL)C	Operator:	Operator: GE	Operator:	Operator:	Operator:	Operator M	Operator	Operator:

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[6] Date: From <u>6-5-18</u>	5_10 6-6-15	Locatio	n: Dome S	575		*		
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#### TA-54 AREA G NITRATE SALT TRU WASTE CONTAINER HOURLY TEMPERATURE DATA SHEET

6.[6] Date: From 10-10-15 to 10-12-15 Location: Done 375

	Start Time. 6[6] 065	Start Time 6.[6] 0720	Start Time: 1 6.[6] () 836	Start Time: 6 [6] 094	Start Time: 6.[6] [D 2-7	Start Tume 6[6] 132	Start Time:	Start Time: 6[6] 1335	Stari Time: 6.[6] 1437	Start Time: 6.[6] 1532	Start Time 6.[6] 1633	Start Time 6 (6) 1722	Start Time: 6.[6]	Start Time: 6.[6]
Calibrated Infrared Thermometer (4 2.1[1][B])	Brand Model. Caller Date	Brand Model Cal Did Pate	Brand Model Cal Add Bate	Brand Mosiel CalaDie Date	Brand Model CaluffeDate	Brand Model Call the Date	Brand Model Cal Du Date	Brand Model Cal Aye Adle	Brand Model. Call One Date	Brand Model Call Mate Date	Brand Model Cal pur Date	Brand Model Cal Ma Date	Brand Modet Cal Due Date	Brand Model Cal Du Date
Ambient	Fre Number	Fre Number	File Number	Fue Number	File Number	Fre Number	Fife Number	File Number	Fie Number	File Number	F.e Number	File Number	File Number	File Number
Temperature (6.[7])	58.57.F	58.86 1	59.95 F	<u>6195</u> 1	<u>63.59</u> -F	65.56 F	67.52 F	69.25 F	68.66 F	<u>66.80-</u> 1-	67.69	68.27 F	*F	- <u>-</u> ++
Container ID # _(6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6.[8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6.[8]/6.[9])	Temp ("F) (6 [8]/6 [9])	Temp ("F) (6 [8]/6 [9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6[9])
68685 TI	58.93 59.06	59.18 59.34	60.69	62.8 <u>7</u> 67.68	64.9 64.28	67.93 66.33	70.27 68.29		70.98 69.66	68.19 67.61		70.36 69.82		
50522 To 50522 To	59.24 59.42	59.42 59.61		61.48	62.63	64.27	65.87 65.77	67.25	67.26 67.26	65.48	66.07	66.62	/	-
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6.[6] Date:	From <u>6-(e-19</u>	5 to <u>(e~l</u>	<u>ri5</u>	Location: _(	20me 379		TTACHMEN Page 2 of 3	<u>T 6</u>						
Container ID # (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6 [8]/6 [9])	Temp (°F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (°F) (6 [8]/6 [9])	Temp (°F) (6 [8]/6 [9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6 [8]/6.[9])	Temp (°F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6,[8]/6 [9])	Temp ("F) (6 [8]/6.[9])	Temp ("F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6 [9]
			<u>83</u>											
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Ambient														
Temperature (6.[13])		<u>58.97.</u> "	<u>57.96</u> -F	<u>61.93</u> •F	<u>63.59.</u> F	65.65 ·F	67.64.F	<u>69.25.</u> F	68.66 •1	6681 ·F	<u>67.88</u> .F	6 <u>8.43</u> •F	••F	
End Time (6.[14])	0652	1570	0837	0942	1028	1133	1235	1336	1438	<u>1533</u>	1634	1723		
6.[14]	Operator: HS Operator:	Operator: Operator: NS	Operator: NS Operator:	Operator: Operator:	Operator: <u>AS</u> Operator: T	Operator: NS Operator: 1	Operator: Operator:	Operator NS Operator	Operator Operator		Operator: D Operator	Operator TP Operator HS	Operator Operator	Operator:
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16] Date: From (e-le-15 to le-le-15 Location: Dome 375         12] Comments:          13] Performed by:         Date: from (print)         Signature         18] Performed by:         Description         18] Performed by:         Description         Description         Signature         118] Performed by:         Description         Descripti	ATTACHMEN Page 3 of 3	<u><b>Г</b></u> <u>6</u>		20		
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	Nitrate Salt-Bearing TRU Waste Container Monitoring	Document No.: Revision: Effective Date:	EWMO-AREAG-FO-DOP-1246 6 03/26/15
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#### TA-54 AREA G NITRATE SALT TRU WASTE CONTAINER HOURLY TEMPERATURE DATA SHEET

6.[6] Date: From 6-6-15 to 6-7+5- Location: Done 375

	Start Tume 6.[6] [830]	Start Time 6.[6] <u>1925</u>	Start Time: 6.[6] 2025	Start Time 6.[6] 21.30	Start Time: 6[6] 2225	Start Time: 6[6] 2326	Start Time: 6 [6] 0025	Start Time: 6[6] 0[26	Start Time: 6.[6] 0.229	Start Time: 6.[6] 0326	Start Time 6 [6] 04 24	Start Time: 6.[6] 0526	Start Time 6 [6]	Start Time: 6.[6]
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand Nodel Cal Rue Date File Number	Brand Mulel Cal Dife Date File Number	Model Cal Due Date File Number	Hrand Model/1 Cal Duo Date File Number	Brand Moleks Cal Duo Date File Number	Hrand Model ¹ Cal Due Date File Number	Hrand Model A Cal Due Date File Number	Brand Molel Cai Duo Dale File Number	Brand Molel Cal Du Date File Number	Brand Moles M Cal Due Date File Number	Hrand Modeler Cal Due Bate File Number	Brand Nodel Cal Due DAte File Number	Brund Model Cal Due Date File Number	Brand Model Cal Due Date File Number
Ambient Temperature (6.[7])	<u>68.11</u> • F	<u>66.73</u> ;	<u>(5.39 · F</u>	6300 ·F	<u>61.69</u> °F	<u>60.28</u> .4	58.98 °F	<u>58,34</u> F	<u>58.05</u> • F	<u>57.01</u> • F	<u>34-14</u> .F	<u>55.75</u> • F	•F	/ð'F
Container ID # (6.[8]/6 [9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6 [8]/6.[9])	Temp (*F) (6.[8]/6 [9])	Temp (*F) (6.[8]/6 [9])	Temp ("F) (6.[8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6.[8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (°F) (6 [8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (°F) (6 [8]/6.[9])	Temp (*F) (6 [8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6 [9])
TUI 68685	70.16	68.17	66.46	63.67	62.27	60.83	57.50	58.71	58.30	57.26	56.44	55.95	N N	
T(2) 68685	68.88	67.73	66.33	63.74	62.41	61.02	59.70	58.70	58.18			55.98		
TY 50527	66.75	65.59				60.91	59.85	59.23	58.95		57.42	57.01		
T(5)50522	66.91	65.80	64.79	63.13	62.08	61.10	60.06	59.32	58.77	57.91	57.22	56.85		
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	Nitrate Salt-Bearing TRU Waste Container Monitoring	Revision	6
		Effective Date:	03/26/15
UET		Page:	38 of 40
	ATTACHMENT 6		18 0. lib

Page 2 of 3

## 6.[6] Date: From 6-6-15 to 6-7-15 Location: Dome 375

Container ID # (6.[8]/6 [9])	Temp (*F) _(6 [8]/6.[9])	Temp (*F) (6 [8]/6:[9])	Temp (°F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6.[9])	Тевир (*F) (6 [8]/6 [9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6 [9])	Temp (*F) (6 [8]/6.[9])	Temp (°F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6.[8]/6 [9])	Temp (°F) (6 [8]/6 [9])	Temp (*F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
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Ambient Temperature (6[13])	<u>68.11</u> •F	6673°F	<u>65.38</u> .F	63.00 F	61.65_°F	<u>60.27</u> •#	<u>58.98</u> °F	<u>5854</u> °F	<u>58.05</u> FF	<u>57.01 -</u> 1	<u>56.14</u> .F	55.78 °F		*F
End Time (6.[14])	1830	1925	2125	2130	2.2.2.5	2326	0025	0126	0729	0326	0428	0526		
	Operator Operator	Operatur:	Operator: Operator;	Operator:	Operator:	Operator GC Operator	Operator: <u> Operator</u> Operator	Operator: Operator: G-E	Operator:	Operator: GE Operator:	Operator: Operator	Operator:	Operator.	Operator:
	Operator	Et			Operator	Operator	Operator GE	G-E	Operator LE	Operator:	Operator	idq_		/

Document No.: EWMO-AREAG-FO-DOP-1246 Nitrate Salt-Bearing TRU Waste Container Monitoring Revision: 6 Effective Date 03/26/15 UET Page: 39 of 40 ATTACHMENT 6 Page 3 of 3 6.[6] Date: From 6-6-15 to 6-7-15 Location: Dome 375 6 [2] Comments: NO Entres Corta 6.[18] Performed by 1112407122166-15 Operator (print) Signature Z.# Initials Date Operator (print) Initials Date Signaturg Z# 11205761GE 1060615 enalltspino ZA Operator (print) Z# Signature Initials Date Operator (print) Signature 7.H Initials Date Signature M.O Operator (print) ZĦ Initials Date Operator (print) Z# Signature Initials Date MIN Operator (prant) ZH Signature Initials Date Operator (print) Signature ZH Initials Date Operator (print) Signature 84 Initials Date Operator (print) Signature 24 Initials Date Operator (print) Signature Z# Initials Date Operator (print) Z# Initials Date Signature Operator (print) Z# Signature Initials Date Operator (print) Z# Signature Initials Date

#### 9.1[2] Reviewed by:

SOM or designee (print) Signature III Initials Date

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			TA-54	AREA G NIT	RATE SALT	TRU WAST	E CONTAIN	ER HOURLY	TEMPERAT	URE DATA	SHEET			
6.[6] Date: 1	From <u>6/1</u>	15 to 6	1/15	Location:	Jome 3	75								
	Start Time. 6 [6] <b>06472</b>	Start Time: 6 [6] 0]2.5	Start Time: 6.[6] 0832	Start Time: 6.[6] 0931	Start Time: 6.[6] 1023	Start Time: 6.[6] 1126	Start Time:: 6[6] 1231	Start Time: 6.[6] 1329	Start Time 6.[6] 1429	Start Time: 6.[6] 1535	Start Time 6 [6] /629	Start Time: 1724	Start Time: 6.[6]	Start Time: 6.[6]
alıbrated nfrared	Brand	Brand	Brand	Brand	Brand	Brand	Brand	Brand	Brand	Brand	Brand	Brand	Brand	Brand
hermometer	Model.	Model	Model	Model	Model	Model	Model	Model	Model	Model	Model	Model	Molel	Model
	Fie Number	Californiate File Number	Cat Myc Date	Carrie Date Fre Number	Cal Mar Date	Car Turpate	Cal University	Call <u>Cal</u> Date	Cal the Balle	Cal De Date	Co Vue Date	Cal Yug Date	Cal true Date.	Cal Due Date
mblant		The isolatoer		Pie Number		Pire Pulmoer		rie Mundei		Pre Number		Pie Number	File Number	File Number
ambient emperature 5 [7])		5 <u>6.97.</u> %	<u>58.03</u> .	<b>59.90</b> · F	62.22 F	65.09 -	66.96-F	6 <u>5.87</u> F	<u>65.87</u> •F	67.33 F	67.42,	66.48 F	F	•F
Container 1D # (6.[8]/6 [9])	Temp (*F) (6 [8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6.[8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (°F) (6 [8]/6 [9])	Temp (°F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6 [8]/6 [9])			
8685 TI	57.02	57.14	58-61	60.69	63.59	67.25	69.76	67.6	67-66	69.69	69.79	67.9	μ	4
8685 Tz		57.39	58.89	60.87	62.69	65.57	67.54	66.89	66.65	68.03	68.33	67.38		
1572 Ta 1572 Ta	57.75	57.85	5873 58.88	59.92	61.46	63.77	65.23	64.89	64.53	65.74 65.74		65.09 65.31		<u>∖</u>
<u>1266  5</u>	51.03	- 30		60,15		62.2	0	107,75	W7 WF	<u>1920 / 7</u>	02.17	03.3		$ \land $
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6.[6] Date:	From <u>67</u>	15 10 6	1/15	Location: _	Dome 3		TTACHMEN Page 2 of 3	<u>T 6</u>						
Container ID # (6.[8]/6.[9])	Temp (*F) (6 [8]/6.[9])	Temp ("F) (6 [8]/6.[9])	Temp (°F) (6 [8]/6.[9])	Temp (°F) (6 [8]/6.[9])	Temp (°F) (6.[8]/6 [9])	Temp (*F) (6 [8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6 [8]/6.[9])	Temp (°F) (6:[8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp ("F) (6 [8]/6 [9])
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Ambient Temperature (6.[13])	<b>56.87.</b> •F	<u>56.92 - F</u>	58.05 · F	<u>59.96</u> .F	<u>62.19</u> .F	6 <u>65.19</u> .F	<u>66.95</u> .F	6 <u>5.84</u> .r	65.87 · F	(67.52 ·F	<u>67.42</u> F	<b>(44.48</b> .1	*F	
End Time (6.[14])	0643_	<u>07728</u>	0833	0932	1024		1232	/330	1430	1536	1630	1725		/
ú (14)	Operator Operator	Operator:		Operator TP Operator NS	Operator NS Operator	Operator Operator NS		Operator:	Operator NS Operator	Operator: Diperator: NS	Operator NS Operator	Operator Operator NS	Operator: Operator:	Operator: Operator:

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	7/15 10 6/7/15	Location:	Jome 37	ATTACHM Page 3 o 25	ENT 6 f 3				
6.[2] Comments: NC						·			
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6.[18] Performed by: <u>Norman Sarch</u> Operator (print) Operator (print)	2. 10 pman Sane Mengure Signature Signature	2# Indials 735765 P 2# Indials	Date 1 (g="7=15	Operator (print) Operator (print)	/ Signature / Signature	Z# / /	Initials Dat	_	
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UET	Nitrate Salt-Bearing TRU Waste Container Monitoring	Document No.: Revision: Effective Date: Page:	EWMO-AREAG-FO-DOP-1246 6 03/26/15 37 of 40
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#### TA-54 AREA G NITRATE SALT TRU WASTE CONTAINER HOURLY TEMPERATURE DATA SHEET

6.[6] Date: From 06 07 15 to 06 08 15 Location: 375

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	Start Time 6 [6] 1830	Start Time 6 [6] 1925	Start Time: 6[6] 2027	Start Time: 6.[6] 2/29	Start Time 6.[6] <b>7<u>2.27</u></b>	Start Time 6[6] 23.26	Start Time $6[6]$ 0027	Start Time 6 [6] 0/30	Start Time 6 [6] 0 7 2 9	Start Time 6.[6] 0.32.8	Start Time: 6.[6] 6429	Start Time. 6[6] 0525	Start Time: 6.[6]	Start Time 6.[6]
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand Model Cal Du Date File Number	Brand Molel Cal Die Date File Number	Brand Molel Cal Due Date File Number	Hrand Molel Cal Dhe Date File Number	Grand Model Cal Dub Date File Number	Nrand	Brand Molel Cal Due Date File Number	Hrand Noulling Cal The Date File Number	Arand Model Cal Due Date File Number	Hrand Models // Cal Dut Date File Number	Reand Model 12 Cal Due Bate File Number	Cal Dupple	Brand Model Cal Die Date File Number	Brand Model Cal Due Date File Number
Ambient Temperature (6.[7])	65.56 •F	65.02°F	63.74°F	6 <u>2.81 </u> 9F	( <u>4.76</u> ⁰F	6 <u>0.81</u> -F	<u>57.85</u> °F	<u>57.av</u> •F	58.34°F	58.20 F	<u>57.34 °</u> F	56.68.1		°
Container ID # (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6.[9])	Temp (*F) (6.[8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6.[8]/6 [9])	Temp (°F) (6.[8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Tcmp (*F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6.[9])	Temp (*F) (6.[8]/6 [9])
Ru 68685	66.74	66,02	64.45	63.39	62.22	61.31	60.45	59.45	58.50	58.38	57.55	56.92		(
12) 68685	6639	65.83	64.46	63.48	62.44	61.46	60.67	59.61	58.48	58.27	57.44 -	56.92 56.92	5	11/12
TLY)50522		64.04	i		41.84	61-16	60.55	59.79	59.01	58.91	58.30	57.70		$\overline{\Lambda}$
75/50522		64.17	63.38	62.75	61.98	61.24	60.69	59.96	58.98	58.78	58.7	57.52		$\square$
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6.[6] Date: 1	From <u>OG 07</u>	1 15 to 06 1	0815	Location:	375	<u>A</u> `	TTACHMEN Page 2 of 3	<u>T 6</u>						
Container 1D # (6.[8]/6.[9])	Temp (*F) (6 [8]/6.[9])	Temp (*F) (6 [8]/6.[9])	Temp (*F) (6 [8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (°F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6.[8]/6 [9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6.[8]/6.[9])	Temp ("F) {6 [8]/6 [9])
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Ambieut Temperature (6.[13])	<u>65.56</u> "F	65.02 F	<u>63.747</u> F	62.76 F	61.63 F	60.68 ·F	<u>57.88</u> °F	<u>57.00</u> °F	<u>58.39</u> •F	<u>58.20 - r</u>	<u>57.32 •</u> F	<u>56.68</u> .F	*F	*F
End Time (6.[14])	1830	1925	2027	2129	2227	2326	0027	0130	0229	0328	0429	0525		
6.[14]	Operator: <u> <u> </u> </u>	Operator (AD)C Operator Gef	Operator Operator Operator	Operator Operator	Operator Operator Operator	Operator Operator	Operator Operator	Operator Operator Operator	Operator: <u> <u> </u> </u>	Operator: Operator:	Operator Operator	Operator: Operator Operator	Operator: Operator:	Operator Operator:

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	0715 10060815	Lo	cation: <u>375</u>	ATTACHME Page 3 of	<u>NT 6</u> 3			_ rage.	39 01 40
[2] Comments:			•						
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[18] Performed by: Gene Ulsoino	2 Bll	1209	16 10607.15		- /	/			
Operator (print)	Signature	/2H	Initials Date	Operator (print)	Signature	Z#	Initials	Date	
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Operator (print)	/	/	/ / Initials Date	Operator (print)	Shunature 4 /10	/ /	/ Initials	/ Date	
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## TA-54 AREA G NITRATE SALT TRU WASTE CONTAINER HOURLY TEMPERATURE DATA SHEET

6.[6] Date: From 6-8-2015 to 6-8-2015 Location: 375

	Start Time: 6.[6] <u>0626</u>	Start Time: 6.[6] <u>0729</u>	Start Time: 6.[6] <u>0.829</u>	Start Time: 6.[6] 0930	Start Time: 6.[6] /0.3.3	Start Time: 6.[6]	Start Time: 6.[6] _12.25	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6] 16.2.5	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: a A- Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal.Due Date: File Number	Brand: Model: Cal. Due Date: File Number								
Ambient Temperature (6.[7])	<u>56.53</u> °F	<u>56.95</u> °F	<u>57.73</u> °F	5 <u>9,97</u> f	<u>62.14</u> °F	<u>64.94</u> F	<u>67.19</u> °F	<u>68.67</u> °F	<u>6831</u> °F	<u>68.01</u> °F	<i>68.88</i> F	<u>69.2</u> fF	°F	°F
Container ID # (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F)
68685901	56.77	57.29	58.32	60.18	63.37	66.43	69.62	71.09	70.76	70.24	71.08	71.77		N
186857521	56.74	57.53	5865	60.39	62.75	64.90	67.59	69.03	68.94	68.69	69.23	69.92		
50522(TH)		57.96	57.73	59.53	61.23	6.3.37	65.36	66.67	66.59		66.96	67.51		
50522651	57.37	58.02	58.49	59.7	61.52	63.51	65.4	66.59	66.58	66.45	67.08	67.53		Λ
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6.[6] Date:	From <u>6 - 5</u>	1-20Ko 6-9	-2015	Location:	375	<u>A'</u>	ITACHMEN Page 2 of 3	<u>T 6</u>			4 1001 HITIAL E		DATE 6-S-	2015
Container 1D # (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Тетр (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])		Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])								
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Ambient Temperature (6.[13])	<u>56.53</u> F	5 <u>7.00</u> °F	<u>57.73</u> °F	<u>59.47</u> °F	<u>6214</u> °F	<u>64.94</u> °F	<u>67.41</u> °F	<u>(9.58</u> °F	68310F	69.0%	<u>69.07</u> F	<u>69.36</u> F	°F\	°F
(6.[13]) End Time (6.[14])	0627	0730	0830	0931	1634	1122	1226	1324	1426	1522	1626	1721		
6.[14]	Operator:	Operator:	Operator.	Operator.	Operator:	Operator:	Operator.	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator
	Operator:	Operator:	Operator:	Operator:	Operator: FP	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:	Operator:

UET		Nitrate Salt-Bearing TRU Wa	ste Container Monitorin	3		Document No.: Revision: Effective Date: Page:	EWMO-AREAG-FO-DOP-1246 6 03/26/15 39 of 40
			ATTACHME Page 3 of	<u>NT 6</u> 3			
6.[6] Date: From 6.	-8-2015 to <u>6-8-2</u>	2013 Location: <u>375</u>					
6.[2] Comments:							
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6.[18] Performed by:	On 1.	11 100000 100 1100		7	1 1	1	<u> </u>
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	Nitrate Salt-Bearing TRU Waste Container Monitoring	Document No.: Revision	EWMO-AREAG-FO-DOP-1246
		Effective Date:	03/26/15
UET		Page:	37 of 40

#### TA-54 AREA G NITRATE SALT TRU WASTE CONTAINER HOURLY TEMPERATURE DATA SHEET

6.[6] Date: From 6-8-15 to 6-9-15 Location: 375

	Start Time 6.[6] <u>/8 2.5</u>	Start Time: 6.[6] 1927	Start Time: 6.[6] 2025	Start Time 6.[6] 2.1.2.5	Start Time: 6.[6] 2.2.2.6	Start Time 6.[6] 2377	Start Time 6 [6] 0025	Start Time 6 [6] 0125	Start Time: 6 [6] 0 2 3 0	Start Time: 6[6] (0.330	Start Time: 6[6] 0433	Start Time: 6 [6] 05 28	Start Time 6 [6]	Start Time 6.[6]
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand Model Cal Due Date File Number	Brand Model Cal Due Date File Number	Brand	Hrand Model 1 / 14 Cal Due Date File Number	Brand	Brand Model 44 Cal Due Rate File Number	Brand Model A A Cal Due Date File Number	Brand Nobel Cal Due Date File Number	Brand Molel: Cal Due Date: File Number	Elrand Motel: Cat Du Due File Number	Brand Model 7 Cal Due Date File Number	Brand Model Cal Du Date File Number	Brand Model Cal Dec Date File Number	Brand Model Cal Due Date File Number
Ambient Temperature (6.[7])	<u>69.06</u> °F	6 <u>8.06</u> .F	<u>67.47.</u> •F	<u>65,14</u> •F	64.62 ·F	<u>62.86</u> .•F	<u>(d.78</u> •F	60.91.F	<u>60.34</u> • F	59.95 ·F	<u>5968-</u> F	<u>59.32</u> .F	FF D	₩*F
Container ID # (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (°F) (6 [8]/6 [9])	Temp (*F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp ("F) (6 [8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (°F)
11 68685	71.38	69.97	68.69	66.5	64.79	63.51	62.36	61.36	60.83	60.43	60.10	59.75		
T(2)68685	69.82	68.80	68.16	66.01		63 59	67.48	61.46	60.99	60.65	60.30	59.95		
14150522		66.64				62.88	62.11	61.33	60.92	60.62	60.35	60 08	<u></u>	
75) 50522	67.54	66.83	66.22	64.59	63.75	62.92	62.15	61.45	61.05	60.74	60.50	60.23		
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Nitrate Salt-Bearing TRU Waste Container Monitoring	Document No.: EWMO-AREAG-FO-DOP-1246 Revision: 6 Effective Date: 03/26/15
	Page: 38 of 40

6.[6] Date: From <u>6-8-15</u> to <u>8-9-15</u> Location: <u>375</u>

Container ID # (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (°F) (6 [8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (°F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6.[9])	Temp (°F) (6 [8]/6 [9])	Temp (*F) (6 [8]/6 [9])	Temp (°F) (6.[8]/6.[9])	Temp ("F) (6 [8]/6.[9])
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Ambient Temperature (6.[13])	<u>69.06</u> °F	<u>68.06</u> °F	<u>67.42</u> °F	6 <u>5.17 °</u> F	64.05 °F	6 <u>7.87</u> °F	<u>/61.78</u> °F	60.91 °F	<u>60.54</u> •F	60.95 F	<u>59.68</u> .4	<u>59.35</u> .F	•F	•F
End Time (6.[14])	1825	1927	2025	2125	2226	2327	0075	0125	0230	6330	0433	0528		
6.[14]	Operator:	Operator:	Operator:	Operator:	Operator:	Operator G-E	Operator: <u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> Operator: <u> </u> <u> </u></u>	Operator: <u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> Operator: <u> GE</u></u>	Operator:	Operator:	Openflor:	Operator:	Operator:	Operator:
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.[6] Date: From	-9-15 10 6-9-13	<u> Loca</u>	tion: <u>375</u>		2				
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Nitrate Salt-Bearing TRU Waste Container Monitoring

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# ATTACHMENT 6 Page 1 of 3

### TA-54 AREA G NITRATE SALT TRU WASTE CONTAINER HOURLY TEMPERATURE DATA SHEET

6.[6] Date: From <u>6-9-15</u> to <u>6-9-15</u> Location: <u>375</u>

$\mathbf{v}^{\prime}$	Start Time: 6.[6] 0626	Start Time: 6.[6] 0.7.2.8	Start Time: 6.[6] 0830	Start Time: 6.[6] 932-	Start Time: 6.[6] 1029	Start Time: 6.[6] // <b>5 5</b>	Start Time: 6.[6] 1228.	Start Time: 6.[6] 1325	Start Time: 6.[6] 1429	Start Time: 6.[6] / <b>53.</b> /	Start Time: 6.[6] 1625	Start Time: 6.[6] 1.72.54	Start Time: 6.[6]	Start Time: 6.[6]
Calibrated Infrared	Brand:	Brand:	Brand:	Brand:	Brand:	Brand:	Brand:	Brand:	Brand:	Brand:	Brand:	Brand:	Brand:	Brand:
Thermometer	Molel:	Modul:	Model:	Model:	Modul:	Model:	Model:	Model:	Model:	Model:	Molel:	Madel:	Model:	Model:
(4.2.1[1][B])	Cal, Dut Date:	Cal. Due Rate;	Cal, Due Date:	Cal. Due Date:	Cal. Due Date:	Cal. Due Date:	Cal. Due Date:	Cal. Due Date:	Cal. Due Date:	Cal. Due Date:	Cal, Due Date:	Cal. Due Date:	Cal. Due Date:	Cal. Due Date:
	File Number	File Number	File Number	File Number	File Number	File Number	File Number	File Number	File Number	File Number	File Number	File Number	File Number	FileNumber
Ambient Temperature (6.[7])	<u>59.11</u> °F	<u>59.6/</u> °F	<u>60.31</u> °ғ	62.44%	<u>64.98</u> °F	<u>66.91</u> °F	<u>68.59</u> F	<u>67.56</u> °F	67.7.3 °F	<i>67.59</i> ⁰F	66.48°F	6.21 °F	°F	
Container ID # (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
6868511	59.51	59.93	60.87	63.48	66.49	69.82	71.64	69.76	68.58	69.42	67.87	16.25	$\backslash$	
6868512	59.71	60.15	61.13	63.19	65.35	67.71	69.40	68.68	68.62	68.55	67.41	66.06		
5052214	59.84	60.13	60.66	61.99	63.67	65.30	66.68	66.17	66.06	66.07	65.26	64.35		
505225	60.01	60.26	60.78	62.13	63.73	65.31	66.53	66.25	66.18	66.23	65.42	64.47		
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# ATTACHMENT 6 Page 2 of 3

6.[6] Date: From <u>6-9-15</u> to <u>6-9-15</u> Location: <u>375</u>

Container ID # (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.(8)/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
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Ambient Temperature (6.[13])	<u>59.10</u> °F	<u>59.6/</u> °F	<u>6038</u> .F	(2.50F	<u>64.96</u> °F	<u>66.91</u> °F	6859F	<u>67.44</u> °F	<u>6779</u> °F	<u>6759</u> °F	66.32 -1076°F EFQ:9-15	65.21 °F	°F	
End Time (6.[14])	_0627_	0729	0831	0932	1029	1139	1229	1326	1430	1532	F9 67155	1729		
6.[14]	Operator: EP Operator:	Operator: <u>PP</u> Operator: <u>C</u>	Operator:	Operator: Operator:	Operator: EP Operator:	Operator:  Operator: 	Operator:	Operator: Operator:	Operator:	Operator:	PP 671-5 Derator: <u>FP</u> Operator: LM	Operator:	Operator: 11 Operator:	Operator: Operator:

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] Date: From	9-15 10 6-9-15	5 Locati	ion: <u>375</u>		-				
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### ATTACHMENT 6 Page 1 of 3

### TA-54 AREA G NITRATE SALT TRU WASTE CONTAINER HOURLY TEMPERATURE DATA SHEET

6.[6] Date: From 6-9-15 to 6-10-15 Location: 375

	Start Time: 6.[6] <u>/830</u>	Start Time: 6.[6] 1926	Start Time: 6.[6] 2030	Start Time: 6.[6] 2125	Start Time: 6.[6] 2.2.2.5	Start Time: 6.[6] 2326	Start Time: 6.[6] 0030	Start Time: 6.[6] 0/26	Start Time: 6.[6] 0.225	Start Time: 6.[6] 0.329	Start Time: 6.[6] 0428	Start Time: 6.[6] 0.575	Start Time: 6.[6]	Start Time: 6.[6]
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand: Mudel: Cal. Due Date: File Number	Brand:	Hrand: ModelWA Cal. Due Plate: File Number	Brand;	Brand:	Brand:	Brand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Doe Date: File Number	Brand: Model: Cal. Due Date: Fife Number	Brand: Mourby Cal. Due Date: File Number	Brand: Model: 9 / 4 Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Bhand: Motel: Cal. flue Date: File Number	Brand: Model: Cal. Due Date: File Number
Ambient Temperature (6.[7])	<u>65.77</u> •F	6 <u>5,31</u> °F	64.80°F	<u>63.75</u> •F	63.32 °F	62.79 °F	<u>62.36</u> °F	62.15°F	<u>6/.98</u> °F	6 <u>1.44</u> °F	60.67 °F	60.05°F	•F	°F
Container 1D # (6,[8]/6,[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°R) (6.[8]/6.[9])	Temp ("F) /(6:[8]/6.[9])
1 68685	67.25	66.58	65.63	64.61	64.00	63.50	63.03	62.73	62.50	61.94	61.09	60.45	Y	Í
2 68685	66.72	66.38		64.65	64.12	63.60	63.20	67.89	62.68	62.07	61.19	60.58		
Ty 50522	64.65	64.39	64.10	63.54	63.20	62.90	62.58	62.40	62.20		61.22	60.60		
550522	64.91	64.60		63.54	63.26	62.95	62.64	62.49	67.29	61.94	61.31	60.72		<u> </u>
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6,[6] Date:	From 6-9-	15 to 6	10-15	Location:	375		TACHMEN Page 2 of 3	<u>r 6</u>						
Container ID # (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6. 8 /6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
						Alt								
Ambient														
Ambient Temperature (6.[13]) End Time (6.[14])	<u>65:77</u> °F <u>1830</u>	6 <u>5.3/</u> F 	<u>64.80</u> =F 2030	<u>63.75</u> =F <u>2125</u>	<u>(3.30</u> =F <u>7225</u>	<u>62.81</u> F 2326	<u>67.36</u> °F	62.19=F 0127	0725	<u>61.44</u> • F 0329	<u>60.72</u> °F ()428	<u>60.11</u> °F <u>0525</u>	°F	
6.[14]	Operator:	Operator:	Operator:	Operator: Operator: (AC)C	Operator: Operator: U.V.C		Operator: Operator: CL	Operator: Operator: Operator:	Operator: Carrier Operator: GL	$\begin{array}{c} \text{Operator;}\\ \text{G-C}\\ \text{Operator;}\\ \text$	Operator: GE Operator: -LOJC	Operator: Operator: LCC	Operator: Operator:	Operator: Operator:

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				ATTACHM Page 3 o	<u>ENT 6</u> f 3				
6.[6] Date: From	6-10-15 to 6-10-1	<u>s</u> Lo	cation: <u>375</u>						
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Nitrate Salt-Bearing TRU Waste Container Monitoring	Revision:	6
	Effective Date:	03/26/15
	Page:	37 of 40

# ATTACHMENT 6 Page 1 of 3

## TA-54 AREA G NITRATE SALT TRU WASTE CONTAINER HOURLY TEMPERATURE DATA SHEET

6.[6] Date: From 6-10-15 to 6-10-15 Location: 375

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	Start Time: 6.[6] 06.2.5	Start Time: 6.[6] 0.7.2.5	Start Time: 6.[6] Ø 8. 29	Start Time: 6.[6] 0.9.2.8	Start Time: 6.[6]	Start Time: 6.[6] 1/ 2-4/	Start Time: 6.[6] 1226	Start Time: 6.[6] 1327	Start Time: 6.[6] 1.42.6.	Start Time: 6.[6] /522	Start Time: 6.[6] <u>1629</u>	Start Time: 6.[6]	Start Time: 6.[6]	Start Time: 6.[6]
Calibrated Infrared Thermometer (4.2.1[1][B])	Hrand: Model: Cal. Due Date: File Number	Wrand: Modul: Cal. Due Date: File Number	Tarand: Model: Cal. Due Date: File Number	Brand: Model: Cal. Due Date: File Number	Nodol: Cal. Due Date: File Number	Virand: Model: Cal. Due Date: File Number	Brand: Nodel: Cal. DOD Date: File Number	Brand: Model: Cal. Duo Date: File Number	Nrand: Model: Cat. Due Date: File Number	Brand: Nodel: Cal. Due Date: File Number	Brand: Model: Cal, Due Date: File Number	Hrand: Model: Cal. Due Date: File Number	Brand: Moder Cal, Due/Date: File Number	Brand: Model: Cal. Due Date: File Number
Ambient Temperature (6.[7])	<u>59.68</u> •ғ	<u>59.74</u> r	60.05°F	<u>61.39</u> •F	63.36°F	<u>65.16</u> °F	66.75°F	<u>68.38</u> .F	<u>66.23</u> °F	<u>65.14</u> °F	6548°F	65.04°F	P	°F
Container ID # (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6 [9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6/8//0/9))
686851h	60.03	60.07	60.39	62.02	64.26	67.39	69.43	71.16	68.79	6693	67.77	67.03	$\sim$	VJ
68685(2)	60.20 60.28	60.26	60.61	62.08	63.95	66.09	67.65	69.17	67.77	66-41	<u> </u>	66 11		<b>\</b>
50522(4) 50522(5)		60.25 60.34	60.46 60-51	61.49	62-83	64.22	65.33	66.53	65.97 65.72	64.55	64.59	64.42		
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38 of 40 Page: **ATTACHMENT 6** Page 2 of 3 6.[6] Date: From 6-10-15 to 6-10-15 Location: 375 Container ID # Temp (°F) Temp (*F) Temp (*F) Temp (°F) Temp (°F) (6.[8]/6.[9]) (6.[8]/6.[9]) (6.[8]/6.[9]) (6.[8]/6.[9]) (6.[8]/6.[9]) (6.[8]/6.[9]) (6.[8]/6.[9]) (6.[8]/6.[9]) (6.[8]/6.[9]) (6.[8]/6.[9]) (6,[8]/6,[9]) (6.[8]/6.[9]) (6.[8]/6.[9]) (6.[8]/6.[9]) (6.[8]/6.[9]) 77 1 70 59.69°F <u>59.79</u>°F 68.41 °F 66.23°F 6548°F 6504 °F <u>61.40</u>°F (5.13 oF 66.75°F 65.14 oF 60.05°F 67.31 °F ٩F ٩F Temperature 0626 1630 End Time 0726 1227 1328 1427 0830 0929 1017 1125 1523 1723 6.[14] Operator: Operator: Operator. Operator: Operator: Operator: Operator: Operator: Operator: Operator Operator: Operator: Operator: Operator: Um e a Lm Operator: Operator L Operator Operator Operator: Operator: Operator: Operator: Operator Operator: Operator: Operator: Operator: Operator: 1 LM

**Nitrate Salt-Bearing TRU Waste Container Monitoring** 

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Ambient

(6.[13])

(6.[14])

Document No.: EWMO-AREAG-FO-DOP-1246 **Revision:** 6 Effective Date: 03/26/15

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JET		Nitrate S	alt-Bear	ring TRU Waste	Container Monitor	ing			Document No.: Revision: Effective Date: Page:	EWMO-AREAG-FO-DOP-1246 6 03/26/15 39 of 40
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		EWMO-AREAG-FO-DOP-1246
Nitrate Salt-Bearing TRU Waste Container Monitoring	Revision:	6
	Effective Date:	03/26/15
	Page:	37 of 40

# ATTACHMENT 6 Page 1 of 3

# TA-54 AREA G NITRATE SALT TRU WASTE CONTAINER HOURLY TEMPERATURE DATA SHEET

6.[6] Date: From 6-10-15 to 6-11-15- Location: Dome 375

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	Start Time: 6.[6] /824	Start Time 6.[6] 1923	Start Time: 6.[6] 2030	Start Time: 6.[6] 2.1.36	Start Time 6.[6] 7. 2. 30	Start Time: 6.[6] 2.330	Start Time: 6.[6] 00.30	Start Time 6.[6] 0/28	Start Time: 6.[6] 0225	Start Time: 6.[6] 0.3.30	Start Time: 6[6] 0430	Start Time: 6 [6] 0525	Start Time: 6[6]	Start Time: 6 [6]
Calibrated Infrared Thermometer (4.2.1[1][B])	Brand Molel Cal Duo Dale File Number	Brand Model M/A Cal Due Date File Number	Brand	Brand	Nodel A	Brand Model Cal Due Date File Number	Virand Model Cal. Due Date File Number	Irand	Brand Model Cat Due Date File Number	Brand Midel Cal Dur Date File Number	Brand Moleck Cat Du Dale File Numbe	Brand Nodel AL Cal Due Date File Number	Brand Model: Cal. Die Date: File Number	Brand Model Cal Due Date File Number
Ambient Temperature {6.[7])	64.91 ·F	64.83 .	63.06-F	<u>61.78</u> °F	<u>61.41</u> +	<u>(0.79</u> • F	60.01 ·F	5 <u>9.5</u> 27	<u>57.19</u> °F	58.71 F	<u>58.14</u> .F	<u>58.31</u> • F	- AK	*F
Container ID # (6 [8]/6 [9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6 [8]/6 [9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (*F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6_[8]/6_[9])
TU 68685	66.10	65.71	63.89	62.39	61.84	61.27	60:46	59.99	59.62	59.15	5855	58.55		
Te) 68685	65.95	65.63	63.93	62.63	61.93	61.35	60.63	60.07	55.79		58.65	58.48		$\mathbb{N}$
14 50522	64.0	64.02	67.97	61.98	61.66	61.28	60.71	60.28			59.11	59.09		$\square$
15)50522	64.24	64.20	63.19	62.19	61.84	61.46	60.87	60.46	60.16	59.77	59.26	58.98		$  \rangle$
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6.[6] Date: From <u>6-10-15</u> to <u>6-11-15</u>	ATTACHMENT.6 Page 2 of 3 Location: Dome 375		

Container 1D # (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6 [8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6 [8]/6 [9])	Temp ("F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])	Temp (°F) (6.[8]/6.[9])
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Ambient			(0)								-			$ -\rangle  - $
Temperature (6.[13])	<u>64.91</u> °F	<u>64.83</u> •F	<u>63.06</u> •F	<u>(2.39</u> .F	<u>61.41_</u> F	61.79°F	<u>60.01</u> °F	57.52 F	<u>59.19</u> °F	58.74 *F	5814 F	<u>58.33</u> F	°F	F
End Time (6.[14])	1824	<u>1923</u>	2050	2130	2230	2330	0030	0128	0225	<u>0330</u>	0430	0525	·	$ \rightarrow $
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