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Sent: Monday, March 02, 2015 6:31 PM

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Subject: Daily Technical Submission - March 2, 2015

Attached is the written daily technical submission for today. The Permittees are submitting the attached information pursuant to: Section 19 of the May 19, 2014, *Administrative Order*; the July 10, 2014 letter from NMED regarding *Modification to May 19, 2014, Administrative Order*; and Section IX of the September 19, 2014, *LANL Nitrate Salt-Bearing Waste Container Isolation Plan, Revision 2*.

Please contact me if additional information would be helpful.

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NMED / LANL Technical Summary

March 2, 2015

LANL Technical Update:

- **Location of Nitrate Salt-Bearing Wastes**
 - Remediated nitrate salt-bearing waste containers.
 - All containers remain in the 375 Permacon.
 - Unremediated nitrate salt-bearing waste containers.
 - All containers remain in the 231 Permacon.
- **Monitoring - Daily Temperature**
 - Temperatures remain below 90°F.
 - Previous 3 days' temperature data attached.
 - Monitoring impacted due to inclement weather. See "Other" section for more detail.
- **Monitoring – Visual Inspections**
 - No abnormal conditions were observed.
 - Monitoring impacted due to inclement weather. See "Other" section for more detail.
- **Monitoring – headspace gas (HSG)**
 - Containers (SWBs) 68685 and SB50522.
 - Continue daily head space gas (HSG) sample collection.
 - February 28, 2015 – March 2, 2015 HSG data attached.
 - H₂, CO, CO₂ and N₂O
 - Monitoring impacted due to inclement weather. See "Other" section for more detail.
 - Other containers:
 - A minimum of once per month HSG sampling will be conducted.
 - To date in March, LANL has conducted HSG sampling on 7 SWBs.
- **Additional measures currently underway**
 - As a conservative measure, LANL is currently conducting additional monitoring. This additional monitoring includes:
 - Containers (SWB) 68685 and SB50522.
 - LANL continuing *solid phase micro-extraction*.
 - Hourly temperature measurements are currently being performed on SWB 68685 and SB50522.
 - Monitoring impacted due to inclement weather. See "Other" section for more detail
 - Five (5) other SWB overpacks (containing 55-gallon drums of remediated nitrate salt-bearing waste).

- Continue twice-weekly HSG sample collection.
- March 2, 2015 HSG data attached.
- **Anticipated Changes to Nitrate Salt-Bearing Waste Containers (e.g. movement, re-packaging)**
 - Currently, no further movements or re-packaging are occurring.

Other:

During the week of February 23, 2015, Los Alamos National Security, LLC (LANS) was continuing efforts for conducting an extent of condition review to determine potential additional non-compliances associated with waste processing at LANL. During the evaluation, LANS identified a total of ten (10) suspected nitrate salt-bearing waste daughter containers that were generated from three (3) parent containers. A fourth parent container remains un-remediated.

The following waste containers are the newly discovered suspect nitrate salt-bearing waste and are under evaluation:

- Parent Container S822928 was processed and generated two (2) daughter containers
 - Daughter 69232 is at WCS in an MCC (NMED, WCS, and WIPP notified on 2/26/2015)
 - Daughter 69235 is at WCS in an SWB (NMED, WCS, and WIPP notified on 2/26/2015)
- Parent Container S864332 was processed and generated six (6) daughter containers
 - Daughter 87822 is a MHD Debris container at WIPP
 - Daughter 87823 is currently a MIN 04 container in Area G Dome 232
 - Daughter 87824 is currently a MIN 04 container at WIPP in Panel 6
 - Daughter 87825 is currently a MIN 04 container in Area G Dome 232
 - Daughter 87826 is currently a MHD Debris container in Area G Dome 153
 - Daughter 87827 is currently a MHD Debris container in Area G Dome 153
- Parent Container S793459 was processed and generated two (2) daughter containers
 - Daughter 91768 is currently a MIN 04 container at WIPP in Panel 6
 - Daughter 91769 is currently a MIN 04 container at WIPP in Panel 6
- Parent Container S851594 is an un-remediated nitrate salt-bearing waste container and is located in Area G Dome 153.

In addition:

- On February 28, 2015, LANS notified NMED of the remaining containers identified as a result of the evaluation.
- LANS is determining the changes to Evaluation of Safety Situation (ESS), LANL Hazardous Waste Facility Permit, and Revised Isolation Plan for Nitrate Salt-Bearing Waste requirements that may be necessary for movement of containers to ensure compliant storage and safe management of the waste.
- Access has been restricted in both Domes 232 and 153 where the newly identified suspect nitrate salt waste containers are currently stored.
- Waste container movement at TA-54 has been paused.

LANL is continuing to develop the information regarding these containers and will provide updated information to NMED when additional information becomes available.

Next Call: Tuesday, March 3, 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., 24 hour notices). | NMED | --- | Complete June 5, 2014 |
| 2. | Keep NMED informed on the status of on-going chemistry / analytical work. | LANL | --- | Complete 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 cementation process discussed on June 6. | LANL | --- | Complete July 3, 2014 |
| 7. | 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 | --- | 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 |
|-----|---|----------|--------|---|
| 13. | <p>Respond to NMED email request for information associated with the nitrate salt-bearing parent and daughter waste containers.</p> <p>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.</p> | LANL | --- | <p>Complete</p> <p>July 9, 2014 (Letter sent addressing items 1-4 and 6-9 of the email request)</p> <p>July 17, 2014 (Letter sent with updated spreadsheet)</p> <p>August 7, 2014 (First submittal in response to item 5)</p> <p>August 14, 2014 (Letter addressing items 2 & 8 - Second submittal in response to item 5)</p> <p>August 18, 2014 (Third submittal in response to item 5)</p> <p>August 21, 2014 (Fourth submittal in response to item 5)</p> <p>August 27, 2014 (Fifth submittal in response to item 5)</p> <p>September 4, 2014 (Sixth submittal in response to item 5)</p> <p>September 9, 2014 (Seventh submittal in response to item 5)</p> <p>September 11, 2014 (Eighth submittal in response to item 5)</p> <p>September 22, 2014 (Ninth submittal in response to item 5)</p> <p>September 23, 2014 (Tenth submittal in response to item 5)</p> <p>October 1, 2014 (Eleventh submittal in response to item 5)</p> <p>October 8, 2014 (Twelfth submittal in response to item 5)</p> <p>October 16, 2014 (Thirteenth submittal in response to item 5)</p> <p>October 23, 2014 (Fourteenth submittal in response to item 5)</p> <p>October 27, 2014 (Fifteenth submittal in response to item 5)</p> <p>October 28, 2014 (Sixteenth submittal in response to item 5)</p> <p>November 3, 2014 (Seventeenth submittal in response to item 5)</p> |

| | 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 <i>Response to Request for Information on Management of Waste at LANL.</i> | 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 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 November 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 1, 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 | In Progress | |
| 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 | Email sent February 17, 2015. Letter to follow. | |

Remediated Nitrate Salt Container Headspace Gas Analysis

| | 68685 | | | | 69553 | | | | 69615 | | | |
|----------|--------------------|--------|---------------------|----------------------|--------------------|--------|---------------------|----------------------|--------------------|--------|---------------------|----------------------|
| 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 |
| 02/28/15 | | | | | | | | | | | | |
| 03/01/15 | 135 | 361 | 8823 | 2237 | | | | | | | | |
| 03/02/15 | 120 | 301 | 7475 | 1877 | 190 | 504 | 13520 | 1832 | 107 | 329 | 6811 | 344 |

Remediated Nitrate Salt Container Headspace Gas Analysis

| | 69616 | | | | SB50069 | | | | SB50452 | | | |
|-------------|--------------------------|---------------|---------------------------|---------------------------|--------------------------|---------------|---------------------------|---------------------------|--------------------------|---------------|---------------------------|---------------------------|
| Date | H₂ ppm | CO ppm | CO₂ ppm | N₂O ppm | H₂ ppm | CO ppm | CO₂ ppm | N₂O ppm | H₂ ppm | CO ppm | CO₂ ppm | N₂O ppm |
| 02/28/15 | | | | | | | | | | | | |
| 03/01/15 | | | | | | | | | | | | |
| 03/02/15 | 348 | 730 | 16746 | 3281 | 479 | 886 | 18509 | 2383 | 557 | 559 | 10873 | 1956 |

Remediated Nitrate Salt Container Headspace Gas Analysis

| | SB50522 | | | |
|----------|--------------------|--------|---------------------|----------------------|
| Date | H ₂ ppm | CO ppm | CO ₂ ppm | N ₂ O ppm |
| 02/28/15 | | | | |
| 03/01/15 | 1917 | 435 | 32607 | 975 |
| 03/02/15 | 2054 | 460 | 34277 | 988 |

Nitrate Salt-Bearing TRU Waste Container Monitoring

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TA-54 AREA G TA-54-231 NITRATE SALT TRU WASTE CONTAINER DAILY TEMPERATURE DATA SHEET

6.[6] Date: From 2-23-15 to 3-1-15

| | Monday 6.[6] Start Time: <u>1042</u> | Tuesday 6.[6] Start Time: <u>1358</u> | Wednesday 6.[6] Start Time: <u>1313</u> | Thursday 6.[6] Start Time: <u>0907</u> | Friday 6.[6] Start Time: <u>1127</u> | Saturday 6.[6] Start Time: _____ | Sunday 6.[6] Start Time: <u>0917</u> |
|---|--|--|--|--|--|---|--|
| TA-54-231 | | | | | | | |
| Calibrated Infrared Thermometer (4.2.1[1][B]) | Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7/29/15</u> File Number <u>101974</u> | Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7/29/15</u> File Number <u>101974</u> | Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7/29/15</u> File Number <u>101974</u> | Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7/29/15</u> File Number <u>101974</u> | Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>7-29-15</u> File Number <u>101974</u> | Brand: _____ Model: _____ Cal. Due Date: _____ File Number _____ | Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>7-29-15</u> File Number <u>101974</u> |
| Ambient Temperature (6.[7]) | <u>50.0</u> °F | <u>49.3</u> °F | <u>50.4</u> °F | <u>51.4</u> °F | <u>50.7</u> °F | <u>NA</u> °F | <u>49.3</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]) |
| S818435 | <u>52.0</u> | <u>48.1</u> | <u>49.5</u> | <u>49.7</u> | <u>50.0</u> | | <u>50.0</u> |
| S802833 | <u>50.6</u> | <u>47.1</u> | <u>49.2</u> | <u>48.9</u> | <u>49.7</u> | | <u>49.3</u> |
| S801676 | <u>50.3</u> | <u>47.6</u> | <u>49.3</u> | <u>48.1</u> | <u>49.9</u> | | <u>50.0</u> |
| S816810 | <u>48.5</u> | <u>50.0</u> | <u>48.7</u> | <u>49.7</u> | <u>49.7</u> | | <u>51.8</u> |
| 70069 | <u>48.3</u> | <u>49.3</u> | <u>48.6</u> | <u>50.2</u> | <u>49.7</u> | | <u>53.9</u> |
| S822844 | <u>48.4</u> | <u>50.1</u> | <u>48.3</u> | <u>50.4</u> | <u>50.5</u> | | <u>52.2</u> |
| S825879 | <u>48.0</u> | <u>49.8</u> | <u>48.8</u> | <u>49.9</u> | <u>49.2</u> | | <u>50.7</u> |
| S793724 | <u>48.8</u> | <u>50.1</u> | <u>48.7</u> | <u>49.8</u> | <u>49.9</u> | | <u>51.4</u> |
| S813545 | <u>51.5</u> | <u>49.4</u> | <u>49.0</u> | <u>49.7</u> | <u>50.0</u> | | <u>51.0</u> |
| S822713 | <u>50.5</u> | <u>49.7</u> | <u>49.8</u> | <u>49.9</u> | <u>50.2</u> | | <u>50.5</u> |
| S802739 | <u>50.8</u> | <u>48.3</u> | <u>49.5</u> | <u>49.2</u> | <u>49.5</u> | | <u>50.6</u> |
| 69907 | <u>50.8</u> | <u>48.6</u> | <u>49.3</u> | <u>49.1</u> | <u>49.4</u> | | <u>51.4</u> |
| S804995 | <u>51.7</u> | <u>49.1</u> | <u>49.7</u> | <u>49.4</u> | <u>50.1</u> | | <u>51.2</u> |
| S816434 | <u>52.3</u> | <u>49.1</u> | <u>50.8</u> | <u>49.9</u> | <u>50.5</u> | | <u>50.8</u> |

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101974

Nitrate Salt-Bearing TRU Waste Container Monitoring

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6.[6] Date: From 2-23-15 to 3-1-15

| Container ID # | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|---------------------------------|--|--|--|--|--|------------------------------------|--|
| | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | 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-54-231 (continued) | | | | | | | |
| S805289 | 51.3 | 49.3 | 50.8 | 50.0 | 50.8 | / | 51.4 |
| S862888 | 50.5 | 49.5 | 49.8 | 49.4 | 49.6 | | 50.1 |
| 70072 | 50.2 | 48.7 | 49.3 | 49.0 | 49.6 | | 50.4 |
| S823184 | 50.5 | 49.3 | 49.6 | 49.3 | 50.2 | | 49.8 |
| S822599 | 50.0 | 50.0 | 49.9 | 50.0 | 50.3 | | 50.9 |
| 69904 | 48.7 | 50.1 | 49.3 | 49.7 | 49.5 | | 50.5 |
| S805051 | 48.3 | 50.0 | 48.8 | 49.5 | 48.8 | | 50.8 |
| S864213 | 48.0 | 50.1 | 48.9 | 49.3 | 49.2 | | 50.5 |
| S853714 | 48.1 | 50.7 | 49.0 | 49.1 | 49.0 | | 51.2 |
| S803078 | 47.6 | 50.0 | 49.3 | 49.0 | 48.9 | | 51.3 |
| S825878 | 47.5 | 50.1 | 48.9 | 48.9 | 48.3 | | 50.2 |
| S823124 | 48.1 | 49.9 | 49.0 | 49.0 | 48.5 | | 50.8 |
| S804948 | 50.0 | 49.2 | 50.1 | 49.1 | 50.5 | | 50.2 |
| S813385 | 49.4 | 49.1 | 50.0 | 48.4 | 49.6 | | 50.3 |
| S842446 | 50.4 | 49.7 | 50.4 | 50.2 | 49.7 | | 50.8 |
| Ambient Temperature (6.[12]) | 50.1 °F | 49.6 °F | 49.2 °F | 48.1 °F | 46.5 °F | _____ °F | 48.5 °F |
| End Time (6.[13]) | 1052 | 1405 | 1316 | 0913 | 1134 | NA | 0924 |
| 6.[13] | Operator: <u>[Signature]</u> Operator: <u>[Signature]</u> | Operator: <u>[Signature]</u> Operator: <u>[Signature]</u> | Operator: <u>[Signature]</u> Operator: <u>[Signature]</u> | Operator: <u>[Signature]</u> Operator: <u>[Signature]</u> | Operator: <u>[Signature]</u> Operator: <u>[Signature]</u> | Operator: _____ Operator: _____ | Operator: <u>[Signature]</u> Operator: <u>[Signature]</u> |

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6.[6] Date: From 2-23-15 to 3-1-15

6.[2] Comments: No NDO ops from 0600 2-23-15 to 0600 2-29-15 3-1-15

6.[17] Performed by:

| | | | | |
|------------------|--------------------|---------|-------------------|----------|
| Josephine Duran | <i>[Signature]</i> | 1157971 | <i>[Initials]</i> | 12/23/15 |
| Operator (print) | Signature | Z# | Initials | Date |
| HOMAS VIGOR | <i>[Signature]</i> | 1236382 | <i>[Initials]</i> | 12/23/15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Josephine Duran | <i>[Signature]</i> | 1157971 | <i>[Initials]</i> | 12/24/15 |
| Operator (print) | Signature | Z# | Initials | Date |
| HOMAS VIGOR | <i>[Signature]</i> | 1236382 | <i>[Initials]</i> | 12/24/15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Alfredo Aguilar | <i>[Signature]</i> | 1299108 | <i>[Initials]</i> | 12/25/15 |
| Operator (print) | Signature | Z# | Initials | Date |
| HOMAS VIGOR | <i>[Signature]</i> | 1236382 | <i>[Initials]</i> | 12/25/15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Josephine Duran | <i>[Signature]</i> | 1157971 | <i>[Initials]</i> | 12/26/15 |
| Operator (print) | Signature | Z# | Initials | Date |

| | | | | |
|------------------------|-------------------------------|--------------------|------------------------------|---------------------|
| HOMAS VIGOR | <i>[Signature]</i> | 1236382 | <i>[Initials]</i> | 12/26/15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Pancho Miera | <i>[Signature]</i> | 1235765 | <i>[Initials]</i> | 12-27-15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Leon Montoya | <i>[Signature]</i> | 1191526 | <i>[Initials]</i> | 12-27-15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Juan Garcia | <i>[Signature]</i> | 1169840 | <i>[Initials]</i> | 13-1-15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Pancho Miera | <i>[Signature]</i> | 1235765 | <i>[Initials]</i> | 13-1-15 |
| Operator (print) | Signature | Z# | Initials | Date |
| MI | / | / | / | / |
| Operator (print) | Signature | Z# | Initials | Date |
| / | / | / | / | / |
| Operator (print) | Signature | Z# | Initials | Date |

8.1[2] Reviewed by:

| | | | | |
|-------------------------|-----------|----|----------|------|
| / | / | / | / | / |
| SOM or designee (print) | Signature | Z# | Initials | Date |

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

6.[6] Date: From 2-23-15 to 3-1-15

| | Monday 6.[6] Start Time: <u>0915</u> | Tuesday 6.[6] Start Time: <u>1105</u> | Wednesday 6.[6] Start Time: <u>1337</u> | Thursday 6.[6] Start Time: <u>1336</u> | Friday 6.[6] Start Time: <u>1108</u> | Saturday 6.[6] Start Time: _____ | Sunday 6.[6] Start Time: <u>0844</u> |
|--|--|--|--|--|--|---|--|
| TA-54-375 Cell 1 | | | | | | | |
| Calibrated Infrared Thermometer (4.2.1[1][B]) | Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101915</u> | Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101915</u> | Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101915</u> | Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101915</u> | Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101915</u> | Brand: _____ Model: _____ Cal. Due Date: _____ File Number _____ | Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101915</u> |
| Ambient Temperature (6.[7]) | <u>41.0</u> °F | <u>51.1</u> °F | <u>54.0</u> °F | <u>50.6</u> °F | <u>46.3</u> °F | <u>NA</u> °F | <u>57.8</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]) |
| 68685 | <u>46.3</u> | <u>53.0</u> | <u>55.2</u> | <u>52.4</u> | <u>49.3</u> | | <u>54.9</u> |
| LA00000070503 | 68540 <u>44.8</u> | <u>53.0</u> | <u>54.5</u> | <u>52.0</u> | <u>48.8</u> | | <u>53.7</u> |
| | 68553 <u>43.4</u> | <u>51.8</u> | <u>54.2</u> | <u>51.0</u> | <u>48.7</u> | | <u>53.0</u> |
| 69445 | <u>43.7</u> | <u>52.8</u> | <u>54.3</u> | <u>51.9</u> | <u>49.0</u> | | <u>52.5</u> |
| 69618 | <u>44.0</u> | <u>51.3</u> | <u>54.2</u> | <u>51.7</u> | <u>47.2</u> | | <u>52.2</u> |
| 69013 | <u>45.0</u> | <u>53.1</u> | <u>54.4</u> | <u>52.5</u> | <u>49.0</u> | | <u>53.7</u> |
| LASB50522 | <u>45.7</u> | <u>53.4</u> | <u>55.0</u> | <u>53.7</u> | <u>50.3</u> | | <u>53.1</u> |
| LASB50452 | <u>45.3</u> | <u>52.3</u> | <u>54.9</u> | <u>53.5</u> | <u>51.1</u> | | <u>53.4</u> |
| LASB50431 | <u>45.4</u> | <u>53.5</u> | <u>54.9</u> | <u>53.5</u> | <u>51.2</u> | | <u>53.8</u> |
| LASB50069 | <u>46.1</u> | <u>53.1</u> | <u>54.8</u> | <u>52.4</u> | <u>50.3</u> | | <u>54.1</u> |
| LASB50073 | <u>46.6</u> | <u>54.0</u> | <u>54.5</u> | <u>52.7</u> | <u>50.0</u> | | <u>54.2</u> |
| 69636 | <u>46.6</u> | <u>53.7</u> | <u>55.7</u> | <u>54.2</u> | <u>51.0</u> | | <u>53.8</u> |
| 69616 | <u>46.5</u> | <u>54.1</u> | <u>55.0</u> | <u>53.6</u> | <u>51.5</u> | | <u>54.3</u> |
| 69417 | <u>46.1</u> | <u>53.2</u> | <u>55.4</u> | <u>52.8</u> | <u>50.7</u> | | <u>54.1</u> |

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6.[6] Date: From 2-23-15 to 3-1-15

6.[17] Performed by:

| | | | | |
|------------------|-----------|---------|----------|---------|
| Operator (print) | Signature | Z# | Initials | Date |
| Leon Montoya | | 1191526 | LM | 2-23-15 |
| Pancho Miera | | 1235765 | PM | 2-23-15 |
| JARUD MARQUEZ | | 1286755 | JM | 2/24/15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Tony Sena | | 1237392 | TS | 2/24/15 |
| JARUD MARQUEZ | | 1286755 | JM | 2/25/15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Tony Sena | | 1237392 | TS | 2/25/15 |
| JARUD MARQUEZ | | 1286755 | JM | 2/26/15 |
| Operator (print) | Signature | Z# | Initials | Date |

| | | | | |
|-----------------------------|----------------------|---------------|---------------------|-----------------|
| Operator (print) | Signature | Z# | Initials | Date |
| Tony Sena | | 1237392 | TS | 2-26-15 |
| Pancho Miera | | 1235765 | PM | 2-27-15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Leon Montoya | | 1191526 | LM | 2-27-15 |
| Juan Garcia | | 119840 | JG | 3-1-15 |
| Pancho Miera | | 1235765 | PM | 3-1-15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |

8.1[2] Reviewed by:

| | | | | |
|-------------------------|-----------|----|----------|------|
| SOM or designee (print) | Signature | Z# | Initials | Date |
| / | / | / | / | / |

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

6.[6] Date: From 2-23-15 to 3-1-15

| | Monday 6.[6] Start Time: <u>0922</u> | Tuesday 6.[6] Start Time: <u>1110</u> | Wednesday 6.[6] Start Time: <u>1343</u> | Thursday 6.[6] Start Time: <u>1340</u> | Friday 6.[6] Start Time: <u>1113</u> | Saturday 6.[6] Start Time: _____ | Sunday 6.[6] Start Time: <u>0844</u> |
|---|--|--|--|--|--|---|--|
| TA-54-375 Cell 2 | | | | | | | |
| Calibrated Infrared Thermometer (4.2.1[1][B]) | Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101912</u> | Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101912</u> | Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101912</u> | Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101912</u> | Brand: <u>Fluke</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101912</u> | Brand: _____ Model: _____ Cal. Due Date: _____ File Number _____ | Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101912</u> |
| Ambient Temperature (6.[7]) | <u>44.6</u> °F | <u>53.2</u> 44.0 °F Jan 21 24 15 | <u>56.3</u> °F | <u>51.4</u> °F | <u>48.7</u> °F | <u>NA</u> °F | <u>53.9</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]) |
| LASB02198 | <u>45.7</u> | <u>51.3</u> | <u>57.0</u> | <u>51.0</u> | <u>50.4</u> | | <u>52.9</u> |
| 68638 | <u>44.9</u> | <u>52.0</u> | <u>56.9</u> | <u>50.9</u> | <u>49.5</u> | | <u>53.7</u> |
| 69615 | <u>46.0</u> | <u>52.4</u> | <u>57.2</u> | <u>57.8</u> | <u>50.1</u> | | <u>54.9</u> |
| 69635 | <u>47.2</u> | <u>53.4</u> | <u>58.7</u> | <u>52.6</u> | <u>51.0</u> | | <u>55.2</u> |
| 69642 | <u>46.1</u> | <u>53.6</u> | <u>56.9</u> | <u>52.2</u> | <u>50.0</u> | | <u>54.8</u> |
| 69630 | <u>45.9</u> | <u>53.7</u> | <u>56.4</u> | <u>53.3</u> | <u>49.8</u> | | <u>53.9</u> |
| 69633 | <u>47.1</u> | <u>53.1</u> | <u>57.2</u> | <u>52.2</u> | <u>50.9</u> | | <u>54.9</u> |
| 68430 | <u>46.0</u> | <u>53.0</u> | <u>56.5</u> | <u>52.0</u> | <u>50.1</u> | | <u>54.3</u> |
| 68631 | <u>45.2</u> | <u>52.4</u> | <u>56.9</u> | <u>51.2</u> | <u>48.9</u> | | <u>54.0</u> |
| 69634 | <u>45.5</u> | <u>52.4</u> | <u>56.6</u> | <u>50.5</u> | <u>48.3</u> | | <u>53.2</u> |
| 68567 | <u>45.4</u> | <u>52.4</u> | <u>55.9</u> | <u>50.4</u> | <u>47.7</u> | | <u>53.0</u> |
| 94227 | <u>45.8</u> | <u>52.0</u> | <u>57.0</u> | <u>51.1</u> | <u>50.0</u> | | <u>52.1</u> |
| LASB50442 | <u>45.9</u> | <u>53.6</u> | <u>57.8</u> | <u>52.6</u> | <u>49.8</u> | | <u>53.9</u> |
| 69644 | <u>47.2</u> | <u>53.7</u> | <u>57.5</u> | <u>52.3</u> | <u>49.9</u> | | <u>54.7</u> |
| LASB50443 | <u>46.7</u> | <u>52.6</u> | <u>57.5</u> | <u>52.4</u> | <u>49.1</u> | | <u>54.1</u> |
| 69638 | <u>46.1</u> | <u>54.0</u> | <u>58.4</u> | <u>52.0</u> | <u>50.8</u> | | <u>54.2</u> |

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6.[6] Date: From 2-23-15 to 3-1-15

| Container ID # | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|-------------------------------------|--|--|--|--|--|------------------------------------|--|
| | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | 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 (continued) | | | | | | | |
| 68624 | 47.2 | 54.1 | 57.8 | 52.4 | 49.9 | / | 54.9 |
| 68507 | 47.7 | 54.9 | 57.5 | 52.1 | 50.2 | | 54.9 |
| 69568 | 46.5 | 52.7 | 56.3 | 51.7 | 48.1 | | 54.6 |
| 69553 | 45.9 | 51.7 | 55.8 | 50.5 | 47.7 | | 53.0 |
| 69598 | 45.4 | 51.4 | 56.5 | 50.9 | 47.7 | | 53.1 |
| LASB50559 | 47.1 | 53.2 | 58.3 | 51.8 | 48.9 | | 54.4 |
| 69015 | 47.7 | 54.8 | 56.5 | 53.2 | 50.6 | | 55.4 |
| 69639 | 48.2 | 54.5 | 59.7 | 53.5 | 50.7 | | 55.3 |
| 69637 | 47.6 | 54.0 | 58.3 | 52.6 | 50.5 | | 54.6 |
| Ambient Temperature (6.[12]) | 45.4 °F | 53.7 °F | 56.0 °F | 51.4 °F | 47.6 °F | | °F |
| End Time (6.[13]) | 0925 | 1116 | 1348 | | 1118 | N/A | 0852 |
| 6.[13] | Operator: <u>km</u> Operator: <u>TF</u> | Operator: <u>sm</u> Operator: <u>TF</u> | Operator: <u>sm</u> Operator: <u>TF</u> | Operator: <u>1344</u> Operator: <u>TF</u> | Operator: <u>TF</u> Operator: <u>km</u> | Operator: _____ Operator: _____ | Operator: <u>TF</u> Operator: <u>TF</u> |

6.[2] Comments: No NDOs from 0600 2-24-15 to 0600 ~~2-29-15~~ 3-1-15

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6.[6] Date: From 2-23-15 to 3-1-15

6.[17] Performed by:

| Operator (print) | Signature | Z# | Initials | Date |
|----------------------|--------------------|----------------|-----------|-----------------|
| <u>Lien Montoya</u> | <u>[Signature]</u> | <u>1191526</u> | <u>LM</u> | <u>12-23-15</u> |
| <u>Pancho Miera</u> | <u>[Signature]</u> | <u>1235765</u> | <u>PM</u> | <u>12-23-15</u> |
| <u>Jaryd Marquez</u> | <u>[Signature]</u> | <u>1286755</u> | <u>JM</u> | <u>12/24/15</u> |
| <u>Tony Sena</u> | <u>[Signature]</u> | <u>1237392</u> | <u>TS</u> | <u>12/24/14</u> |
| <u>Jaryd Marquez</u> | <u>[Signature]</u> | <u>1286755</u> | <u>JM</u> | <u>12/25/14</u> |
| <u>Tony Sena</u> | <u>[Signature]</u> | <u>1237392</u> | <u>TS</u> | <u>12-25-15</u> |
| <u>Jaryd Marquez</u> | <u>[Signature]</u> | <u>1286755</u> | <u>JM</u> | <u>12/26/15</u> |

| Operator (print) | Signature | Z# | Initials | Date |
|-------------------------|--------------------|----------------|-----------------|-----------------|
| <u>Tony Sena</u> | <u>[Signature]</u> | <u>237392</u> | <u>TS</u> | <u>12-26-15</u> |
| <u>Pancho Miera</u> | <u>[Signature]</u> | <u>1235765</u> | <u>PM</u> | <u>12-27-15</u> |
| <u>Lien Montoya</u> | <u>[Signature]</u> | <u>1191526</u> | <u>LM</u> | <u>12-27-15</u> |
| <u>Juan Garcia</u> | <u>[Signature]</u> | <u>1169890</u> | <u>JG</u> | <u>13-1-15</u> |
| <u>Pancho Miera</u> | <u>[Signature]</u> | <u>1235765</u> | <u>PM</u> | <u>13-1-15</u> |
| <u>Operator (print)</u> | <u>[Signature]</u> | <u>Z#</u> | <u>Initials</u> | <u>Date</u> |
| <u>Operator (print)</u> | <u>[Signature]</u> | <u>Z#</u> | <u>Initials</u> | <u>Date</u> |
| <u>Operator (print)</u> | <u>[Signature]</u> | <u>Z#</u> | <u>Initials</u> | <u>Date</u> |

8.1[2] Reviewed by:

| SOM or designee (print) | Signature | Z# | Initials | Date |
|-------------------------|-----------|----|----------|------|
| | | | | |

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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 2-23-15 to 3-1-15

| | Monday 6.[6] Start Time: <u>0909</u> | Tuesday 6.[6] Start Time: <u>1047</u> | Wednesday 6.[6] Start Time: <u>1332</u> | Thursday 6.[6] Start Time: <u>1330</u> | Friday 6.[6] Start Time: <u>1103</u> | Saturday 6.[6] Start Time: _____ | Sunday 6.[6] Start Time: <u>0840</u> |
|--|--|--|--|--|--|---|--|
| TA-54-375 Cell 3 | | | | | | | |
| Calibrated Infrared Thermometer (4.2.1[1][B]) | Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101916</u> | Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101916</u> | Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101916</u> | Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101916</u> | Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101916</u> | Brand: _____ Model: _____ Cal. Due Date: _____ File Number _____ | Brand: <u>FLUKE</u> Model: <u>561</u> Cal. Due Date: <u>6-12-15</u> File Number <u>101916</u> |
| Ambient Temperature (6.[7]) | <u>46.0</u> °F | <u>52.6</u> °F | <u>56.0</u> °F | <u>52.8</u> °F | <u>48.5</u> °F | <u>NA</u> °F | <u>53.2</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 | <u>49.3</u> | <u>53.9</u> | <u>57.2</u> | <u>53.9</u> | <u>50.5</u> | | <u>54.8</u> |
| 69645 | <u>48.3</u> | <u>52.8</u> | <u>56.5</u> | <u>53.1</u> | <u>50.8</u> | | <u>54.7</u> |
| 94068 | <u>48.3</u> | <u>52.6</u> | <u>56.7</u> | <u>53.3</u> | <u>50.5</u> | | <u>53.8</u> |
| 93605 | <u>47.6</u> | <u>51.7</u> | <u>56.0</u> | <u>51.8</u> | <u>49.2</u> | | <u>53.6</u> |
| 69548 | <u>46.9</u> | <u>52.2</u> | <u>55.8</u> | <u>52.2</u> | <u>49.3</u> | | <u>53.5</u> |
| 69604 | <u>46.6</u> | <u>52.8</u> | <u>55.9</u> | <u>52.8</u> | <u>49.9</u> | | <u>52.9</u> |
| LASB50529 | <u>46.2</u> | <u>52.9</u> | <u>56.3</u> | <u>53.4</u> | <u>51.1</u> | | <u>53.8</u> |
| LASB50418 | <u>47.0</u> | <u>53.0</u> | <u>56.3</u> | <u>53.4</u> | <u>50.9</u> | | <u>54.4</u> |
| 69036 | <u>48.1</u> | <u>52.5</u> | <u>57.0</u> | <u>53.1</u> | <u>50.2</u> | | <u>54.3</u> |
| LASB50451 | <u>46.6</u> | <u>52.5</u> | <u>56.2</u> | <u>52.4</u> | <u>49.7</u> | | <u>54.2</u> |
| 69559 | <u>46.6</u> | <u>51.8</u> | <u>55.9</u> | <u>52.7</u> | <u>49.6</u> | | <u>53.0</u> |
| LASB50448 | <u>46.5</u> | <u>51.3</u> | <u>54.7</u> | <u>51.8</u> | <u>48.9</u> | | <u>52.9</u> |
| Ambient Temperature (6.[12]) | <u>45.2</u> °F | <u>53.4</u> °F | <u>56.0</u> °F | <u>53.0</u> °F | <u>48.5</u> °F | _____ °F | <u>52.8</u> °F |
| End Time (6.[13]) | <u>09:14</u> | <u>1050</u> | <u>1335</u> | <u>1333</u> | <u>1108</u> | | <u>0843</u> |
| 6.[13] | Operator: <u>LM</u> Operator: <u>TP</u> | Operator: <u>JM</u> Operator: <u>[Signature]</u> | Operator: <u>JM</u> Operator: <u>[Signature]</u> | Operator: <u>JM</u> Operator: <u>[Signature]</u> | Operator: <u>TP</u> Operator: <u>LM</u> | Operator: _____ Operator: _____ | Operator: <u>[Signature]</u> Operator: <u>TP</u> |

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6.[6] Date: From 2-23-15 to 3-1-15

6.[2] Comments: No NDO duties from 0600 2-24-15 to 0600 ^{EC 3-1-15} ~~2-29-15~~ 3-1-15

6.[17] Performed by:

| | | | | |
|------------------|-----------|---------|----------|----------|
| Leon Mantuaya | | 191526 | LM | 12-23-15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Pancho Miera | | 1235765 | TM | 12-23-15 |
| Operator (print) | Signature | Z# | Initials | Date |
| JAEYD MARQUEZ | | 1286755 | JM | 12/24/15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Tony Sena | | 237392 | TS | 12-27-15 |
| Operator (print) | Signature | Z# | Initials | Date |
| JAEYD MARQUEZ | | 1286755 | JM | 12/25/15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Tony Sena | | 237392 | TS | 12-25-15 |
| Operator (print) | Signature | Z# | Initials | Date |
| JAEYD MARQUEZ | | 1286755 | JM | 12/26/15 |
| Operator (print) | Signature | Z# | Initials | Date |

| | | | | |
|-----------------------------|----------------------|---------------|---------------------|-----------------|
| Tony Sena | | 237392 | TS | 12-26-15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Pancho Miera | | 1235765 | TM | 12-27-15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Leon Mantuaya | | 191526 | LM | 12-27-15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Juan Garcia | | 1169870 | JG | 13-1-15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Pancho Miera | | 1235765 | TM | 13-1-15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |

8.1[2] Reviewed by:

| | | | | |
|-------------------------|-----------|----|----------|------|
| SOM or designee (print) | Signature | Z# | Initials | Date |
|-------------------------|-----------|----|----------|------|

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ATTACHMENT 6

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

6 [6] Date: From 2-27-15 to 2-27-15 Location: Dome 375 Cell 1

| | Start Time: 6 [6] <u>0630</u> | Start Time 6 [6] <u>0732</u> | Start Time 6 [6] <u>0830</u> | Start Time 6 [6] <u>0926</u> | Start Time 6 [6] <u>1030</u> | Start Time: 6 [6] <u>1129</u> | Start Time: 6 [6] <u>1229</u> | Start Time 6 [6] <u>1329</u> | Start Time 6 [6] <u>1431</u> | Start Time 6 [6] <u>1530</u> | Start Time 6 [6] <u>1629</u> | Start Time 6 [6] <u>1725</u> | Start Time 6 [6] | Start Time 6 [6] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calibrated Infrared Thermometer (4.2.11[B]) | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model Cal Due Date File Number | Brand Model Cal Due Date File Number |
| Ambient Temperature (6 [7]) | <u>44.33</u> °F | <u>44.35</u> °F | <u>44.61</u> °F | <u>45.37</u> °F | <u>46.57</u> °F | <u>47.20</u> °F | <u>48.11</u> °F | <u>48.38</u> °F | <u>48.26</u> °F | <u>48.06</u> °F | <u>47.69</u> °F | <u>47.08</u> °F | °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]) |
| <u>68685T₁</u> | <u>46.58</u> | <u>46.61</u> | <u>46.76</u> | <u>47.46</u> | <u>48.6</u> | <u>49.28</u> | <u>50.14</u> | <u>50.38</u> | <u>50.28</u> | <u>50.09</u> | <u>49.73</u> | <u>49.21</u> | | |
| <u>68685T₂</u> | <u>45.91</u> | <u>45.90</u> | <u>46.08</u> | <u>46.82</u> | <u>47.95</u> | <u>48.56</u> | <u>49.48</u> | <u>49.54</u> | <u>49.43</u> | <u>49.26</u> | <u>48.90</u> | <u>48.34</u> | | |
| <u>50522T₁</u> | <u>47.01</u> | <u>47.02</u> | <u>47.11</u> | <u>47.61</u> | <u>48.45</u> | <u>48.95</u> | <u>49.59</u> | <u>49.85</u> | <u>49.80</u> | <u>49.72</u> | <u>49.47</u> | <u>49.08</u> | | |
| <u>50522T₂</u> | <u>46.52</u> | <u>46.53</u> | <u>46.62</u> | <u>47.13</u> | <u>47.97</u> | <u>48.49</u> | <u>49.16</u> | <u>49.38</u> | <u>49.33</u> | <u>49.23</u> | <u>48.97</u> | <u>48.55</u> | | |
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6.[6] Date: From 2-27-15 to 2-27-15 Location: Dome 375 Cell 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]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) |
|---------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|----------------------------|----------------------------|
| N/A | | | | | | | | | | | | | | |
| Ambient Temperature (6.[12]) | 44.33°F | 44.38°F | 44.66°F | 45.37°F | 47.95°F | 47.20°F | 48.08°F | 48.38°F | 48.24°F | 48.09°F | 47.67°F | 47.08°F | °F | °F |
| End Time (6.[13]) | 0630 | 0733 | 0830 | 0927 | 1033 | 1128 | 1231 | 1330 | 1432 | 1531 | 1630 | 1725 | | |
| 6.[13] | Operator: WJC Operator: EC | Operator: WJC Operator: EC | Operator: WJC Operator: EC | Operator: LJC Operator: EC | Operator: EC Operator: WJC | Operator: EC Operator: EP | Operator: EP Operator: WJC | Operator: WJC Operator: EC | Operator: LJC Operator: EC | Operator: LJC Operator: EC | Operator: WJC Operator: EC | Operator: LJC Operator: EC | Operator: | Operator: |

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6.[6] Date: From 2-27-15 to 2-27-15 Location: Room 375 Cell 1

6.[2] Comments: Did not enter dome 375 permacoin per standing order 1247-R-02 Temperatures taken from dome 375 Control Room.

~~1009971
 #1#
 Activities entered 1730 2-27-15~~

6.[17] Performed by:

| | | | |
|---------------------------|--------------------|--------------------|-----------------|
| <u>William S. Cordery</u> | <u>[Signature]</u> | <u>11128071608</u> | <u>12-27-15</u> |
| Operator (print) | Signature | Z# | Date |
| <u>Eloy D. Cordery</u> | <u>[Signature]</u> | <u>1114188120</u> | <u>12-27-15</u> |
| Operator (print) | Signature | Z# | Date |
| <u>Edward P. Pichon</u> | <u>[Signature]</u> | <u>1009971 EP</u> | <u>2-27-15</u> |
| Operator (print) | Signature | Z# | Date |
| Operator (print) | <u>[Signature]</u> | Z# | Date |
| Operator (print) | <u>[Signature]</u> | Z# | Date |
| Operator (print) | <u>[Signature]</u> | Z# | Date |
| Operator (print) | <u>[Signature]</u> | Z# | Date |

| | | | | |
|------------------|-----------|----|----------|------|
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
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| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |

8.1[2] Reviewed by:

| | | | | |
|------------------|-----------|----|----------|------|
| Operator (print) | Signature | Z# | Initials | Date |
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TA-54 AREA G NITRATE SALT TRU WASTE CONTAINER HOURLY TEMPERATURE DATA SHEET

6 [6] Date From 2-27-15 to 2-28-15 Location 375

| | Start Time: 6 [6] <u>1831</u> | Start Time: 6 [6] <u>1928</u> | Start Time: 6 [6] <u>2030</u> | Start Time: 6 [6] <u>2128</u> | Start Time: 6 [6] <u>2228</u> | Start Time: 6 [6] <u>2330</u> | Start Time: 6 [6] <u>0025</u> | Start Time: 6 [6] <u>0127</u> | Start Time: 6 [6] <u>0227</u> | Start Time: 6 [6] <u>0330</u> | Start Time: 6 [6] <u>0428</u> | Start Time: 6 [6] <u>0519</u> | Start Time: 6 [6] | Start Time: 6 [6] |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------|-----------------------|
| Calibrated Infrared Thermometer (4.2.1[1][B]) | Brand | Brand | Brand | Brand | Brand | Brand | Brand | Brand | Brand | Brand | Brand | Brand | Brand | Brand |
| | Model | Model | Model | Model | Model | Model | Model | Model | Model | Model | Model | Model | Model | Model |
| | 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 | 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 | File Number |
| Ambient Temperature (6.7) | <u>46.3</u> °F | <u>45.78</u> °F | <u>45.51</u> °F | <u>45.23</u> °F | <u>45.07</u> °F | <u>44.85</u> °F | <u>44.8</u> °F | <u>44.51</u> °F | <u>44.47</u> °F | <u>44.40</u> °F | <u>44.62</u> °F | <u>44.81</u> °F | <u>N/A</u> °F | <u>N/A</u> °F |
| Container ID # (6.81/6.91) | Temp (°F) (6.81/6.91) | Temp (°F) (6.81/6.91) | Temp (°F) (6.81/6.91) | Temp (°F) (6.81/6.91) | Temp (°F) (6.81/6.91) | Temp (°F) (6.81/6.91) | Temp (°F) (6.81/6.91) | Temp (°F) (6.81/6.91) | Temp (°F) (6.81/6.91) | Temp (°F) (6.81/6.91) | Temp (°F) (6.81/6.91) | Temp (°F) (6.81/6.91) | Temp (°F) (6.81/6.91) | Temp (°F) (6.81/6.91) |
| <u>68685 T1</u> | <u>48.39</u> | <u>47.92</u> | <u>47.7</u> | <u>47.43</u> | <u>47.25</u> | <u>47.07</u> | <u>47</u> | <u>46.76</u> | <u>46.68</u> | <u>46.7</u> | <u>46.81</u> | <u>46.97</u> | | |
| <u>68685 T2</u> | <u>47.62</u> | <u>47.12</u> | <u>46.93</u> | <u>46.71</u> | <u>46.48</u> | <u>46.41</u> | <u>46.32</u> | <u>46.03</u> | <u>45.97</u> | <u>46.01</u> | <u>46.24</u> | <u>46.30</u> | | |
| <u>50522 T4</u> | <u>48.49</u> | <u>48.1</u> | <u>47.9</u> | <u>45.23</u> | <u>47.53</u> | <u>47.38</u> | <u>47.29</u> | <u>47.08</u> | <u>46.97</u> | <u>46.41</u> | <u>46.34</u> | <u>47.15</u> | | |
| <u>50522 T5</u> | <u>47.95</u> | <u>47.55</u> | <u>47.32</u> | <u>47.11</u> | <u>46.96</u> | <u>46.8</u> | <u>46.72</u> | <u>46.5</u> | <u>46.42</u> | <u>46.96</u> | <u>46.18</u> | <u>46.6</u> | | |
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6.[6] Date: From 2-27-15 to 2-28-15 Location: 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]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) |
|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|----------------------------|----------------------------|
| N/A | | | | | | | | | | | | | | |
| Ambient Temperature (6.[12]) | <u>46.33</u> °F | <u>45.79</u> °F | <u>45.51</u> °F | <u>45.23</u> °F | <u>45.09</u> °F | <u>44.85</u> °F | <u>44.77</u> °F | <u>44.52</u> °F | <u>44.46</u> °F | <u>44.40</u> °F | <u>44.62</u> °F | <u>44.84</u> °F | _____ °F | _____ °F |
| End Time (6.[13]) | <u>1831</u> | <u>1929</u> | <u>2030</u> | <u>2129</u> | <u>2228</u> | <u>2330</u> | <u>0026</u> | <u>0128</u> | <u>0228</u> | <u>0331</u> | <u>0429</u> | <u>0520</u> | _____ | <u>N/A</u> |
| 6.[13] | Operator: <u>MV</u> Operator: <u>CV</u> | Operator: <u>MV</u> Operator: <u>CV</u> | Operator: <u>MV</u> Operator: <u>CV</u> | Operator: <u>MV</u> Operator: <u>CV</u> | Operator: <u>MV</u> Operator: <u>CV</u> | Operator: <u>MV</u> Operator: <u>CV</u> | Operator: <u>MV</u> Operator: <u>CV</u> | Operator: <u>MV</u> Operator: <u>CV</u> | Operator: <u>CV</u> Operator: <u>MV</u> | Operator: <u>CV</u> Operator: <u>MV</u> | Operator: <u>CV</u> Operator: <u>MV</u> | Operator: <u>CV</u> Operator: <u>MV</u> | Operator: Operator: | Operator: Operator: |

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6.[6] Date: From 2-27-15 to 2-28-15 Location: 375

6.[2] Comments: Did not enter Dome 375 permanent per standing ORDER 1247 Rev.02
tempreatures taken from Dome 375 control Rm

~~NO Further entries
C 022 163082~~

6.[17] Performed by:

| | | | | |
|------------------|-----------------------|---------|----------|----------|
| Operator (print) | Signature | Z# | Initials | Date |
| Michael Vigil | <i>Michael Vigil</i> | 1215287 | MV | 2-27-15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Genal P. Spina | <i>Genal P. Spina</i> | 120976 | SP | 02 27 15 |
| Operator (print) | Signature | Z# | Initials | Date |
| Chris Vigil | <i>Chris Vigil</i> | 1163082 | CV | 022715 |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |

| | | | | |
|------------------|-----------|----|----------|------|
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
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| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |

8.1[2] Reviewed by:
SOM or designee (print) / Signature / Z# / Initials / Date

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

6.[6] Date: From 2-28-15 to 2-28-15 Location: Dome 375 C111

| | Start Time: 6.[6] | Start Time: 6.[6] | Start Time: 6.[6] | Start Time: 6.[6] | Start Time: 6.[6] | Start Time: 6.[6] | Start Time: 6.[6] | Start Time: 6.[6] | Start Time: 6.[6] | Start Time: 6.[6] | Start Time: 6.[6] | 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: 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 | Brand: Model: 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 | Brand: Model: 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]) | _____°F | _____°F | _____°F | _____°F | _____°F | _____°F | _____°F | _____°F | _____°F | _____°F | _____°F | _____°F | _____°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]) |
| <u>68685 T₁</u> | | | | | | | | | | | | | | |
| <u>68685 T₂</u> | | | | | | | | | | | | | | |
| <u>50522 T₄</u> | | | | | | | | | | | | | | |
| <u>50522 T₅</u> | | | | | | | | | | | | | | |

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6.[6] Date: From 2-28-15 to 2-28-15 Location: Dom 375 Cell 1

6.[2] Comments: No NDO ops from 0600 2-28-15 to 0600 2-29-15 cell

N/A

6.[17] Performed by:

| Operator (print) | Signature | Z# | Initials | Date |
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| Operator (print) | Signature | Z# | Initials | Date |
|------------------|-----------|----|----------|------|
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8.1[2] Reviewed by: Michael J. Anderson 1221934 NA 2-28-15

| SOM or designee (print) | Signature | Z# | Initials | Date |
|-------------------------|-----------|----|----------|------|
| | | | | |

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

6.[6] Date From 3-1-15 to 3-1-15 Location: Down 375 4111

| | Start Time 6 [6] <u>0635</u> | Start Time 6 [6] <u>0731</u> | Start Time 6 [6] <u>0830</u> | Start Time 6 [6] <u>0934</u> | Start Time 6 [6] <u>1034</u> | Start Time 6 [6] <u>1124</u> | Start Time 6 [6] <u>1233</u> | Start Time 6 [6] <u>1330</u> | Start Time 6 [6] <u>1431</u> | Start Time 6 [6] <u>1526</u> | Start Time 6 [6] <u>1627</u> | Start Time 6 [6] <u>1726</u> | Start Time 6 [6] <u>N/A</u> | Start Time 6 [6] <u>N/A</u> |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calibrated Infrared Thermometer (4 2 1 [1] [B]) | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model <u>NA</u> Cal Due Date File Number | Brand Model Cal Due Date File Number | Brand Model Cal Due Date File Number |
| Ambient Temperature (6 [7]) | <u>51.28</u> °F | <u>51.13</u> °F | <u>51.28</u> °F | <u>51.36</u> °F | <u>51.51</u> °F | <u>53.23</u> °F | <u>52.09</u> °F | <u>52.70</u> °F | <u>53.96</u> °F | <u>54.59</u> °F | <u>54.76</u> °F | <u>54.26</u> °F | _____ °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]) |
| <u>68685T₁</u> | <u>52.97</u> | <u>52.79</u> | <u>52.82</u> | <u>52.76</u> | <u>52.38</u> | <u>54.13</u> | <u>52.56</u> | <u>52.74</u> | <u>53.85</u> | <u>54.48</u> | <u>54.64</u> | <u>54.22</u> | | |
| <u>68685T₂</u> | <u>52.12</u> | <u>51.97</u> | <u>52.01</u> | <u>52.02</u> | <u>51.49</u> | <u>53.47</u> | <u>51.75</u> | <u>52.04</u> | <u>53.10</u> | <u>53.73</u> | <u>53.87</u> | <u>53.45</u> | | |
| <u>50522T₄</u> | <u>52.05</u> | <u>51.95</u> | <u>51.98</u> | <u>52.06</u> | <u>52.02</u> | <u>52.99</u> | <u>52.21</u> | <u>52.31</u> | <u>53.14</u> | <u>53.63</u> | <u>53.85</u> | <u>53.59</u> | | |
| <u>50522T₅</u> | <u>51.63</u> | <u>51.57</u> | <u>51.62</u> | <u>51.64</u> | <u>51.68</u> | <u>52.80</u> | <u>51.94</u> | <u>52.16</u> | <u>53.09</u> | <u>53.61</u> | <u>53.80</u> | <u>53.47</u> | | |
| | | | | | <u>N/A</u> | | | | | | | | | |

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6.[6] Date: From 3-1-15 to 3-1-15 Location: Dome 375 Cell 1

6.[2] Comments: Did not enter dome 375 Permacon per standing order 1247 Rev 2. Temperatures taken from Dome 375 Control Room using data logger.

N/A

6.[17] Performed by:

| | | | | |
|-----------------------|--------------------|---------------|-------------------|---------------|
| <u>Willie S. Paul</u> | <u>[Signature]</u> | <u>112907</u> | <u>[Initials]</u> | <u>3-1-15</u> |
| Operator (print) | Signature | Z# | Initials | Date |
| <u>JUAN GARCIA</u> | <u>[Signature]</u> | <u>116890</u> | <u>[Initials]</u> | <u>3-1-15</u> |
| Operator (print) | Signature | Z# | Initials | Date |
| <u>ELYD, Lidona</u> | <u>[Signature]</u> | <u>114198</u> | <u>[Initials]</u> | <u>3-1-15</u> |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |

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8.1[2] Reviewed by:

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| SOM or designee (print) | Signature | Z# | Initials | Date |
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TA-54 AREA G NITRATE SALT TRU WASTE CONTAINER HOURLY TEMPERATURE DATA SHEET

6.[6] Date: From 03.01.15 to 03.02.15 Location: Dome 375

| | Start Time: 6.[6] <u>1829</u> | Start Time: 6.[6] <u>1929</u> | Start Time: 6.[6] <u>2027</u> | Start Time: 6.[6] <u>2128</u> | Start Time: 6.[6] <u>2230</u> | Start Time: 6.[6] <u>2327</u> | Start Time: 6.[6] <u>0028</u> | Start Time: 6.[6] <u>0130</u> | Start Time: 6.[6] <u>0230</u> | Start Time: 6.[6] <u>0327</u> | Start Time: 6.[6] <u>0429</u> | Start Time: 6.[6] <u>0531</u> | Start Time: 6.[6] | Start Time: 6.[6] |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------|-------------------------|
| Calibrated Infrared Thermometer (4.2.1[1][B]) | Brand: <u>N/A</u> | Brand: <u>N/A</u> | Brand: <u>N/A</u> | Brand: <u>N/A</u> | Brand: <u>N/A</u> | Brand: <u>N/A</u> | Brand: <u>N/A</u> | Brand: <u>N/A</u> | Brand: <u>N/A</u> | Brand: <u>N/A</u> | Brand: <u>N/A</u> | Brand: <u>N/A</u> | Brand: | Brand: |
| | Model: <u>N/A</u> | Model: <u>N/A</u> | Model: <u>N/A</u> | Model: <u>N/A</u> | Model: <u>N/A</u> | Model: <u>N/A</u> | Model: <u>N/A</u> | Model: <u>N/A</u> | Model: <u>N/A</u> | Model: <u>N/A</u> | Model: <u>N/A</u> | Model: <u>N/A</u> | Model: | Model: |
| | 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: | 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: | File Number: |
| Ambient Temperature (6.[7]) | <u>52.25</u> °F | <u>53.47</u> °F | <u>51.60</u> °F | <u>52.68</u> °F | <u>52.27</u> °F | <u>51.34</u> °F | <u>51.17</u> °F | <u>50.95</u> °F | <u>51.10</u> °F | <u>51.01</u> °F | <u>50.88</u> °F | <u>51.02</u> °F | °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]) |
| <u>68695(T1)</u> | <u>52.45</u> | <u>53.95</u> | <u>52.08</u> | <u>53.46</u> | <u>53.17</u> | <u>52.52</u> | <u>52.60</u> | <u>52.62</u> | <u>52.81</u> | <u>52.81</u> | <u>52.77</u> | <u>52.87</u> | | |
| <u>69695(T2)</u> | <u>51.66</u> | <u>53.44</u> | <u>51.30</u> | <u>52.75</u> | <u>52.57</u> | <u>51.86</u> | <u>51.87</u> | <u>51.89</u> | <u>52.03</u> | <u>52.00</u> | <u>51.93</u> | <u>52.08</u> | <u>N/A</u> | <u>N/A</u> |
| <u>50522(T4)</u> | <u>52.34</u> | <u>53.12</u> | <u>52.05</u> | <u>52.88</u> | <u>52.57</u> | <u>52.34</u> | <u>52.04</u> | <u>52.07</u> | <u>52.14</u> | <u>52.03</u> | <u>52.10</u> | <u>52.16</u> | | |
| <u>50522(T5)</u> | <u>52.05</u> | <u>52.99</u> | <u>51.73</u> | <u>52.42</u> | <u>52.31</u> | <u>51.73</u> | <u>51.72</u> | <u>51.46</u> | <u>51.71</u> | <u>51.70</u> | <u>51.64</u> | <u>51.73</u> | | |
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6.[6] Date: From 03.01.15 to 02.02.15 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]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | Temp (°F) (6.[8]/6.[9]) | 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.[12]) | 52.25°F | 53.49°F | 51.53°F | 52.63°F | 52.25°F | 51.40°F | 51.17°F | 50.99°F | 51.10°F | 51.01°F | 50.88°F | 51.02°F | | |
| End Time (6.[13]) | 1829 | 1930 | 2028 | 2129 | 2231 | 2328 | 0029 | 0131 | 0231 | 0328 | 0430 | 0531 | | |
| 6.[13] | Operator: <u>TR</u> Operator: <u>JQ</u> | Operator: <u>JQ</u> Operator: <u>TR</u> | Operator: <u>TR</u> Operator: <u>JQ</u> | Operator: <u>JQ</u> Operator: <u>TR</u> | Operator: <u>JQ</u> Operator: <u>TR</u> | Operator: <u>TR</u> Operator: <u>JQ</u> | Operator: <u>TR</u> Operator: <u>JQ</u> | Operator: <u>JQ</u> Operator: <u>TR</u> | Operator: <u>JQ</u> Operator: <u>TR</u> | Operator: <u>TR</u> Operator: <u>JQ</u> | Operator: <u>TR</u> Operator: <u>JQ</u> | Operator: <u>JQ</u> Operator: <u>TR</u> | Operator: <u>TR</u> Operator: | Operator: <u>TR</u> Operator: |

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6.[6] Date: From 03-01-15 to 03-02-15 Location: Dome 375

6.[2] Comments: Did NOT Enter Dome 375 Perma con per standing order 1247 Rev. 02 temperatures taken from dome 375 coner (Control Room)

N/A

6.[17] Performed by:

| | | | | |
|---|---------------------------------|------------------------|-----------------------|-----------------------|
| <u>John Quintan</u> Operator (print) | <u>[Signature]</u> Signature | <u>19087 JD</u> Z# | <u>JD</u> Initials | <u>3-1-15</u> Date |
| <u>Timmy Romero</u> Operator (print) | <u>[Signature]</u> Signature | <u>234253 TR</u> Z# | <u>TR</u> Initials | <u>3-2-15</u> Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |

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| Operator (print) | Signature | Z# | Initials | Date |
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| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |
| Operator (print) | Signature | Z# | Initials | Date |

8.1[2] Reviewed by:

| | | | | |
|---|---------------------------------|---------------------|-----------------------|-----------------------|
| <u>[Signature]</u> SOM or designee (print) | <u>[Signature]</u> Signature | <u>126235</u> Z# | <u>JK</u> Initials | <u>3-2-15</u> Date |
|---|---------------------------------|---------------------|-----------------------|-----------------------|