DATE: March 1, 2012

REPLY TO
ATTN OF: CBFO:OQA:RU:CNC:12-1322:UFC 2300.00


TO: Distribution

The Carlsbad Field Office (CBFO) Semi-Annual Trend Analysis Report is attached for the period July 1 through December 31, 2011 (3rd and 4th Quarters of Calendar Year 2011). Deficiencies included in this report were identified under CBFO Management Procedure (MP) 3.2, Revision 1, Deficiency Trending and Reporting.

The report summarizes trend and site information of Corrective Action Reports and items corrected during an oversight activity, usually either an audit or surveillance. Items appearing in the report are those that were issued, closed, or both during the reporting period. The report includes data for waste generator sites, and excludes data for repository administration and support organizations (such as Sandia National Laboratories and Washington TRU Solutions, LLC). Reporting only waste generator site data allows the report to be tailored to waste characterization activities and removes any confusion that might be introduced by management and repository administrative issues.

All deficiencies identified during the reporting period have been assigned trend codes per CBFO MP 3.2. These codes allow separation of trends into two categories: activity and deficiency. The activity category identifies functional areas of waste characterization and project activities, such as acceptable knowledge, data validation, definition of work processes, and software. The deficiency category addresses areas within an activity, such as training, performance, and documentation of work.

A complete listing of activity and deficiency codes as provided in CBFO MP 3.2 is included as an attachment to this report. The activity codes were derived from and are meant to parallel the elements of the CBFO Quality Assurance Program Document.

The average time to CAR closure, as identified in Block 10 of the attached report, reflects an increase for the month of October 2011. Review has shown that the increase was due to closure of a single CAR that had been open for 121 days.

Please review the attached report for possible lessons learned that might be applicable to your work activities. If you have any questions, please contact Courtland G. Fesmire, P.E., CBFO Quality Assurance Engineer, at (575) 234-7548.

Randy Unger
Director, Office of Quality Assurance

Attachments (2)
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Corrective Action Report Activity Trend Analysis
Sites/Participants


2. Sites Included: ANL/CCP, INL/CCP, LANL/CCP, SNL/CCP, SRS/CCP

3. Total CARs Issued During Report Period: 3

4. Total CDAs/CDSs Issued During Report Period: 4

Descriptive Statistics for CARs Closed During the Report Period

5. Number of CARs Closed: 7
6. Average Days to Closure: 59.9
7. Standard Deviation: 33
8. Maximum Days to Closure: 121
9. Minimum Days to Closure: 3

10. Average Time to CAR Closure:

   ![Graph](image)

   AvgDaysToClosure

   Jul-11 Aug-11 Sep-11 Oct-11

11. Evaluation: The 7 CARs are distributed over 4 sites. SNL/CCP and SRS/CCP each closed 2 CARs. LANL/CCP closed 3 CARs during this period.

Activity Trend Analysis – Issued Deficiencies

12. CARs/CDAs/CDSs By Activity Code for Reporting Period:

   ![Graph](image)

13. Evaluation: The 6 individual codes are distributed over 5 sites. No trends are evident.

Deficiency Trend Analysis – Issued Deficiencies

14. CARs/CDAs/CDSs By Deficiency Code for Reporting Period:

   ![Graph](image)

15. CARs/CDAs/CDSs Issued Over Time

   ![Graph](image)

16. Evaluation: The 2 individual codes are distributed over 5 sites. The 06 – Documentation of Work code was distributed among 4 sites.

NOTE: Refer to CBFO Management Procedure MP 3.2, Deficiency Trending and Reporting, for a complete description of trend codes.
### TREND CODES

<table>
<thead>
<tr>
<th>ACTIVITY CATEGORY</th>
<th>Code Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptable Knowledge (AK)</td>
<td>AK</td>
</tr>
<tr>
<td>Audits and Assessments</td>
<td>AA</td>
</tr>
<tr>
<td>Control of Measuring and Test Equipment (M&amp;TE)</td>
<td>MT</td>
</tr>
<tr>
<td>Corrective Action Program (CARs and NCRs)</td>
<td>CA</td>
</tr>
<tr>
<td>Characterization Data</td>
<td>CD</td>
</tr>
<tr>
<td>Data Validation</td>
<td>DV</td>
</tr>
<tr>
<td>Design Control and Engineering</td>
<td>DE</td>
</tr>
<tr>
<td>Document Control</td>
<td>DC</td>
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<tr>
<td>Gas Generation Testing (GGT)</td>
<td>GG</td>
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<tr>
<td>Headspace Gas Sampling and Analysis (HGAS)</td>
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<tr>
<td>Management</td>
<td>MA</td>
</tr>
<tr>
<td>Non-Destructive Assay (NDA)</td>
<td>ND</td>
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<tr>
<td>Organization and Resources</td>
<td>OR</td>
</tr>
<tr>
<td>Performance Demonstration Program (PDP)</td>
<td>PD</td>
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<tr>
<td>Procurement</td>
<td>PS</td>
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<tr>
<td>QA Program and Implementation</td>
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<tr>
<td>Real-Time Radiography (RTR)</td>
<td>RT</td>
</tr>
<tr>
<td>Receiving / Receipt Inspection</td>
<td>RI</td>
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<tr>
<td>Records Management</td>
<td>RM</td>
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<tr>
<td>Safety/Operations</td>
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<td>Sampling Techniques</td>
<td>ST</td>
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<td>Training and Qualifications</td>
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<td>Waste Handling Operations</td>
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<tr>
<td>Work Processes</td>
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### DEFICIENCY CATEGORY

<table>
<thead>
<tr>
<th>Category</th>
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<tbody>
<tr>
<td>Definition of Work Process and Proceduralization</td>
<td>01</td>
</tr>
<tr>
<td>Identification of Work Steps</td>
<td>02</td>
</tr>
<tr>
<td>Training Materials and/or Training Presentations</td>
<td>03</td>
</tr>
<tr>
<td>Untrained Personnel</td>
<td>04</td>
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<tr>
<td>Performance of Work</td>
<td>05</td>
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<tr>
<td>Documentation of Work</td>
<td>06</td>
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<td>Records Processing</td>
<td>07</td>
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