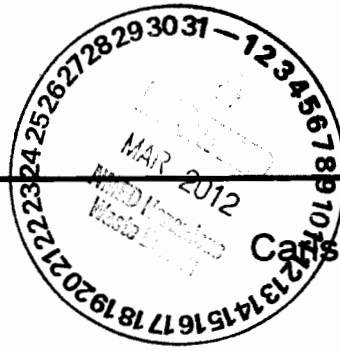


United States Government

# memorandum


**ENTERED**  
 Department of Energy

 Carlsbad Field Office  
 Carlsbad, New Mexico 88221


DATE: March 1, 2012

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

SUBJECT: Carlsbad Field Office Semi-Annual Trend Analysis Report for July 1 Through December 31, 2011

TO: Distribution

The Carlsbad Field Office (CBFO) Semi-Annual Trend Analysis Report is attached for the period July 1 through December 31, 2011 (3<sup>rd</sup> and 4<sup>th</sup> 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)

CBFO:OQA:RU:CNC:12-1322:UFC 2300.00



## Distribution: w/attachments

D. Haar, AMWTP \*ED  
 E. Schweinsberg, AMWTP ED  
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 T. Fallon, AMWTP ED  
 D. Dietzel, DOE-CH ED  
 K. Joshi, DOE-CH ED  
 W. Lattin, DOE-ID ED  
 W. McMillan, DOE-OR ED  
 A. Farabee, DOE-RL ED  
 J. Norton, DOE-RL ED  
 J. Todd, DOE-SNL ED  
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 D.K. Ploetz, WTS/CCP ED  
 M. Sensibaugh, WTS/CCP ED  
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 Y. Salmon, WTS/CCP ED  
 J. Carter, WTS/CCP ED  
 T. Peake, EPA ED  
 M. Eagle, EPA ED  
 E. Feltcorn, EPA ED  
 R. Joglekar, EPA ED  
 S. Ghose, EPA ED  
 R. Lee, EPA ED  
 J. Kieling, NMED ED  
 T. Kliphuis, NMED ED  
 S. Holmes, NMED ED  
 T. Hall, NMED ED  
 R. Maestas, NMED ED  
 T. Kesterson, NMED/DOE OB ED  
 J. Marple, NMED/DO OB ED  
 D. Winters, DNFSB ED

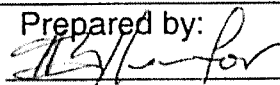
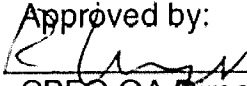
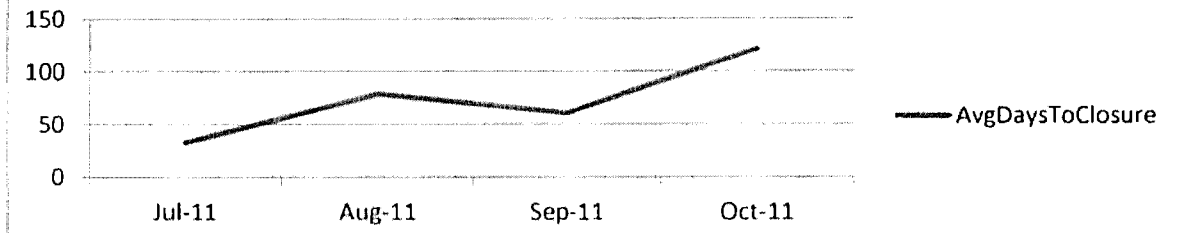
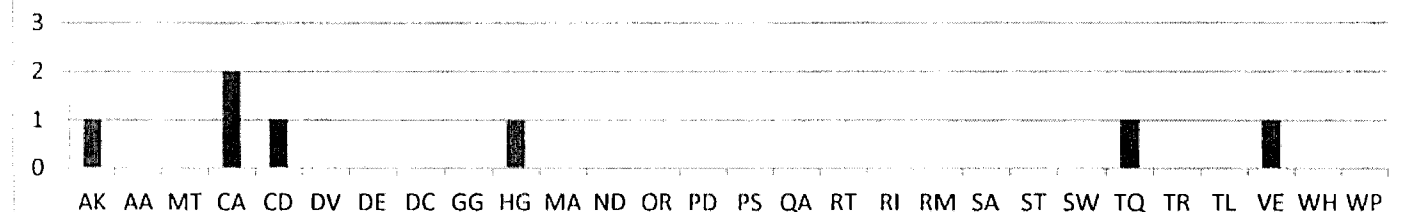
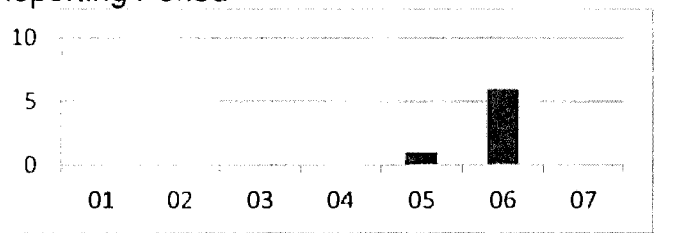
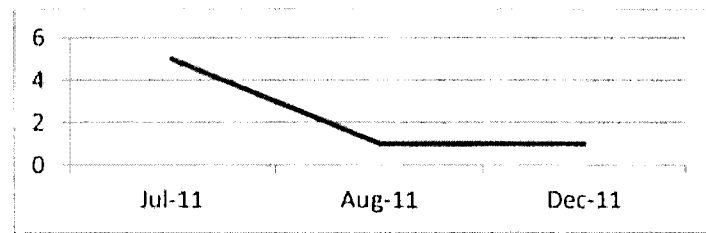
\*ED denotes electronic distribution

## cc: w/attachments

J. Franco, CBFO \*ED  
 E. Ziemianski, CBFO ED  
 G. Basabilvazo, CBFO ED  
 R. Nelson, CBFO ED  
 G. Gadbury, CBFO ED  
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 P. Hinojos, CTAC ED  
 N. Frank, CTAC ED  
 P. Roush, WIPP Operating Record ED  
 CBFO QA File  
 CBFO M&RC

\*ED denotes electronic distribution

**Carlsbad Field Office  
Corrective Action Report Activity Trend Analysis  
Sites/Participants**

1. Report Period: 07/01/2011 through 12/31/2011	Prepared by: 
2. Sites Included: ANL/CCP, INL/CCP, LANL/CCP, SNL/CCP, SRS/CCP	N. Frank
3. Total CARs Issued During Report Period: 3	Approved by: 
4. Total CDAs/CDSs Issued During Report Period: 4	CBFO QA Director
<b>Descriptive Statistics for CARs Closed During the Report Period</b>	
5. Number of CARs Closed: 7	
6. Average Days to Closure: 59.9	8. Maximum Days to Closure: 121
7. Standard Deviation: 33	9. Minimum Days to Closure: 3
10. Average Time to CAR Closure:	
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.	
<b>Activity Trend Analysis – Issued Deficiencies</b>	
12. CARs/CDAs/CDSs By Activity Code for Reporting Period:	
	
13. Evaluation: The 6 individual codes are distributed over 5 sites. No trends are evident.	
<b>Deficiency Trend Analysis – Issued Deficiencies</b>	
14. CARs/CDAs/CDSs By Deficiency Code for Reporting Period	15. CARs/CDAs/CDSs Issued Over Time
	
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.

<b>TREND CODES</b>	
<b>ACTIVITY CATEGORY</b>	<b>Code Number</b>
Acceptable Knowledge (AK)	AK
Audits and Assessments	AA
Control of Measuring and Test Equipment (M&TE)	MT
Corrective Action Program (CARs and NCRs)	CA
Characterization Data	CD
Data Validation	DV
Design Control and Engineering	DE
Document Control	DC
Gas Generation Testing (GGT)	GG
Headspace Gas Sampling and Analysis (HGAS)	HG
Management	MA
Non-Destructive Assay (NDA)	ND
Organization and Resources	OR
Performance Demonstration Program (PDP)	PD
Procurement	PS
QA Program and Implementation	QA
Real-Time Radiography (RTR)	RT
Receiving / Receipt Inspection	RI
Records Management	RM
Safety/Operations	SA
Sampling Techniques	ST
Software	SW
Training and Qualifications	TQ
Transportation	TR
TRUPACT-II Leak Testing	TL
Visual Examination (VE)	VE
Waste Handling Operations	WH
Work Processes	WP

<b>DEFICIENCY CATEGORY</b>	<b>Code Number</b>
Definition of Work Process and Proceduralization	01
Identification of Work Steps	02
Training Materials and/or Training Presentations	03
Untrained Personnel	04
Performance of Work	05
Documentation of Work	06
Records Processing	07