



Department of Energy
 Carlsbad Field Office
 P. O. Box 3090
 Carlsbad, New Mexico 88221



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MAR 13 2015

To: Distribution

Subject: CBFO Semi-Annual CAR Trend Analysis Report for July 1 through December 31, 2014

This Carlsbad Field Office (CBFO) Corrective Action Report (CAR) Trend Analysis Report has been completed for the reporting period July 1, 2014 through December 31, 2014. Deficiencies identified during assessment activities of CBFO and core participants subject to the CBFO Quality Assurance Program Document (QAPD), have been assigned trend codes and are presented for analysis in accordance with CBFO Management Procedure (MP) 3.2, Revision 1, *Deficiency Trending and Reporting*. This report is presented in a new format that provides statistics and summarizes trend information.

The first chart plots the average number of days to CAR closure for CARs closed within the six month time period, and compares the new average to the averages of the previous three six month periods.

Bar charts are provided depicting Trend Codes incorporating data from both CARs and CDAs. The trend codes allow identification of issues under two categories, Activity and Deficiency. The Activity category identifies functional areas such as waste characterization, and project activities such as Acceptable Knowledge (AK), Data Validation (DV), definition of Work Processes (WP), and Software (SW). The Deficiency category addresses areas within an activity such as training (03), performance of work (05), and documentation of work (06). A trend code key is included in the report.

Significant points of interest regarding trends, events, and issues from the attached charts are provided in the following table.

Number of CARs Closed During the Reporting Period	There were 8 more CARs closed this reporting period than in the previous period.			
Average Number of Days to Close CARs	The average time to CAR closure during this reporting period increased by 93 days compared to the previous period. This indicates that CARs that have been open for long periods were actually closed during this reporting period (12 of the 33 CARs that were closed had been open longer than the average time for closure – 4 had been open for longer than one year). The next trend report is expected to show a downward trend in the average time for CAR closure.			
Comparison of Activity Trend codes with the last 6-month period	Activity Code	This Period	Jan-June 2014	Difference
	DC	3	3	0
	MT	4	3	+1
	PS	5	2	+3
	TQ	2	6	-4
	WP	4	5	-1
DC - Document Control MT - Control of Measuring and Test Equipment (M&TE) PS – Procurement TQ – Training and Qualifications WP - Work Processes				



Comparison of Deficiency Trend codes with the last 6 month period	Deficiency Code	This Period	Jan-June 2014	Difference
	01	10	6	+4
	05	16	7	+9
	06	2	9	-7
	01 – Definition of Work Process and Proceduralization			
	05 – Performance of Work			
	06 – Documentation of Work			

Managers are requested to review the trends on the attached chart with appropriate personnel within their organizations. If you have any questions, please contact the CBFO Quality Assurance Division.

Sincerely,



Michael R. Brown, Director
CBFO Quality Assurance Division

Enclosure

cc: w/enclosure

J. Franco, CBFO	* ED	E. Safley, SNL/CPG	ED
Bryson, Dana, CBFO	ED	N. Elkins, LANL/CO	ED
R. Nelson, CBFO	ED	S. Campbell, LANL-CO	ED
J. R. Stroble, CBFO	ED	L. Smith, LANL/CO	ED
D. Gadbury, CBFO	ED	G. Fuller, CAST	ED
W. Mouser, CBFO	ED	R. Mills, VS	ED
E. Garza, CBFO	ED	T. Peake, EPA	ED
G. Basabilvazo, CBFO	ED	L. Bender, EPA	ED
B. Mackie, CBFO	ED	E. Felcorn, EPA	ED
D. Miehl, CBFO	ED	R. Joglekar, EPA	ED
M. Navarrete, CBFO	ED	S. Ghose, EPA	ED
B. Roberts, DOE-ID	ED	R. Lee, EPA	ED
D. Haar, AMWTP	ED	J. Kieling, NMED	ED
M. Bishop, LAFO	ED	S. Holmes, NMED	ED
H. Crapse, DOE-SR	ED	R. Maestas, NMED	ED
L. Wilkerson, DOE-OR	ED	C. Smith, NMED	ED
D. Dietzel, DOE-CH	ED	V. Daub, CTAC	ED
J. Todd, DOE-SNL	ED	R. Allen, CTAC	ED
F. Sharif, NWP	ED	B. Pace, CTAC	ED
E. Gulbransen, NWP/CCP	ED	P. Martinez, CTAC	ED
W. Ledford, NWP/CCP	ED	J. Schuetz, CTAC	ED
V. Cannon, NWP/QA	ED	P. Hinojos, CTAC	ED
B. Allen, NWP/QA	ED	G. White, CTAC	ED
S. Punchios, NWP/QA	ED	CBFO M&RC	
S. Escareno-Soto, NWP/QA	ED	CBFO QA File	
P. Shoemaker, SNL/CPG	ED	*ED denotes electronic distribution	

Carlsbad Field Office Corrective Action 6-Month Trend Report

Report Period:
 Tuesday, January 01, 2013 to Wednesday, December 31, 2014

Prepared By: *[Signature]*

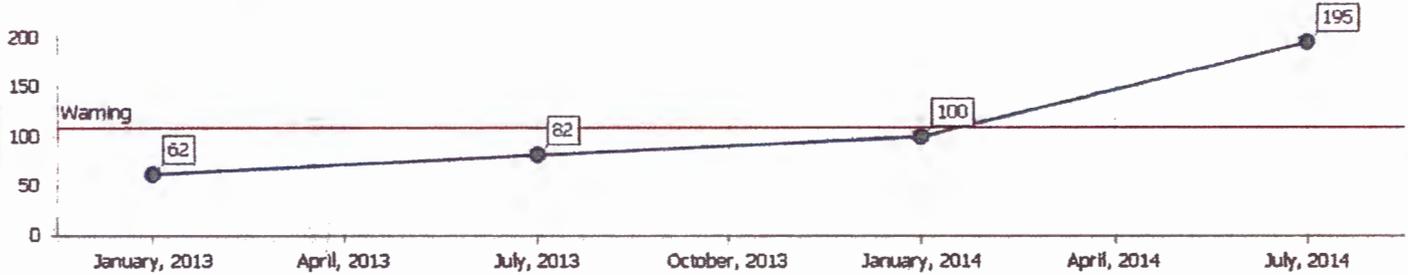
Approved By: *[Signature]* 3/12/15

CBFO QA DIRECTOR

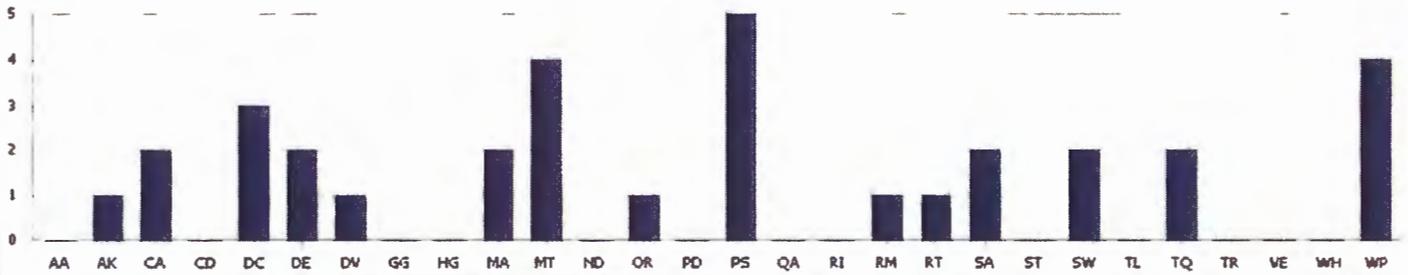
Descriptive Statistics for those CARs Closed During the Report Period (for current 6-Month Period)

Number of CARs Closed: 33	Average Days to Closure: 195
Maximum Days to Closure: 564	Minimum Days to Closure: 55

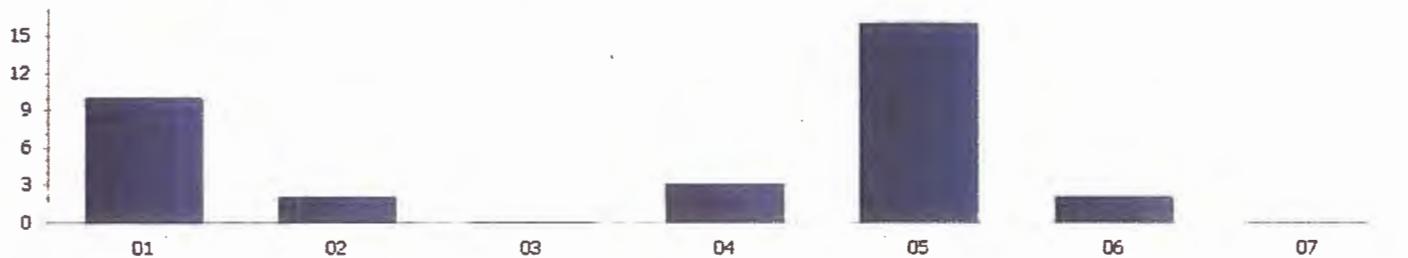
Average Number Days to CAR Closure (Over 4 6-Month Periods)



Activity Trend Codes (Current 6-Months)



Deficiency Trend Code (Current 6-Months)



Assumptions:

Days to Closure: Number of days between date of CAR letter to date CBFO Quality Assurance Director signs CAR as closed.
6-month Periods: Only CARs that are actually CLOSED are considered in a given 6-Month period.

Carlsbad Field Office Corrective Action 6-Month Trend Report

Trend Code Description

Code	Activity Description	Code	Activity Description
AK	Acceptable Knowledge	01	Definition of Work Process and Proceduralization
AA	Audits and Assessments	02	Identification of Work Steps
CA	Corrective Action Program (CARs and NCRs)	03	Training Materials and/or Training Presentations
CD	Characterization Data	04	Untrained Personnel
DC	Document Control	05	Performance of Work
DE	Design Control and Engineering	06	Documentation of Work
DV	Data Validation	07	Records Processing
GG	Gas Generation Testing (GGT)		
HG	Headspace Gas Sampling and Analysis (HGAS)		
MA	Management		
MT	Control of Measuring and Test Equipment (M&TE)		
ND	Non-Destructive Assay (NDA)		
OR	Organization and Resources		
PD	Performance Demonstration Program (PDP)		
PS	Procurement		
QA	QA Program and Implementation		
RI	Receiving / Receipt Inspection		
RM	Records Management		
RT	Real-Time Radiography (RTR)		
SA	Safety/Operations		
ST	Sampling Techniques		
SW	Software		
TL	TRUPACT-II Leak Testing		
TQ	Training and Qualifications		
TR	Transportation		
VE	Visual Examination (VE)		
WH	Waste Handling Operations		
WP	Work Processes		