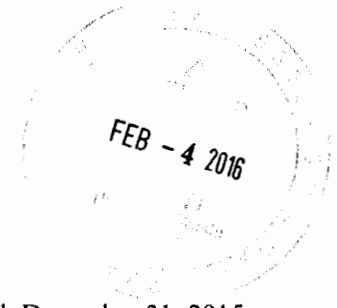


ENTERED



Department of Energy
 Carlsbad Field Office
 P. O. Box 3090
 Carlsbad, New Mexico 88221
FEB 04 2016



To: Distribution

Subject: CBFO Semi-Annual CAR Trend Analysis Report for July 1, 2015 through December 31, 2015

The Carlsbad Field Office (CBFO) Corrective Action Report (CAR) Trend Analysis Report has been completed for the reporting period July 1, 2015 through December 31, 2015. Deficiencies identified during assessment activities conducted by the CBFO of 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*.

The trend report is presented in a format that provides statistics and summarizes trend information. The first chart plots the average number of days to closure for CARs closed within the second six-month reporting period for 2015, and compares the new average to the averages of the previous three six-month periods.

Bar charts showing trend codes are provided incorporating data from both CARs and findings that were corrected during the assessments (CDA). 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 this report.

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

<p>Number of CARs Closed During the Reporting Period</p>	<p>There were 7 more CARs closed during this reporting period than in the previous period. Corrective action plans (CAPs) for the 26 CARs currently open indicate an average expected completion time of 51 days. The closure of CARs in a trend reporting period is impacted by the planned closure time frame.</p> <p>There were 9 CARs closed during this reporting period that had been open longer than 170 days. This compares to 7 CARs that were closed during the previous reporting period that had been open longer than 180 days.</p>																												
<p>Number of Assessments Performed and Number of CARs Generated</p>	<table border="1"> <thead> <tr> <th></th> <th colspan="2">Previous Report Period</th> <th colspan="2">This Report Period</th> </tr> <tr> <th></th> <th>Assessments Performed</th> <th>CARs Generated</th> <th>Assessments Performed</th> <th>CARs Generated</th> </tr> </thead> <tbody> <tr> <td>Audits</td> <td>10</td> <td>10</td> <td>6</td> <td>14</td> </tr> <tr> <td>Surveillances</td> <td>16</td> <td>6</td> <td>3</td> <td>5</td> </tr> <tr> <td>Total</td> <td>26</td> <td>16</td> <td>9</td> <td>19</td> </tr> </tbody> </table>					Previous Report Period		This Report Period			Assessments Performed	CARs Generated	Assessments Performed	CARs Generated	Audits	10	10	6	14	Surveillances	16	6	3	5	Total	26	16	9	19
	Previous Report Period		This Report Period																										
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Total	26	16	9	19																									
<p>Average Number of Days to CAR Closure</p>	<p>The average time to close CARs during this reporting period increased by 21 days compared to the previous period.</p>																												



Comparison of Activity Trend codes with the last 6-month period	Activity Code	This Period	Jan-Jun 2015	Difference
	DC	2	3	-1
	RM	2	3	-1
	TQ	3	5	-2
	WP	7	11	-4
DC – Document Control RM – Records Management TQ – Training and Qualifications WP – Work Processes NOTE: The decrease in the number of CARs issued during the reporting periods (21 CARs issued this period and 36 CARs issued last reporting period) accounts for the decrease in difference of number of codes assigned. The Activity codes above are the items with the highest number of codes identified during the 6-month reporting period of July through December 2015.				
Comparison of Deficiency Trend codes with the last 6-month period	Deficiency Code	This Period	Jul-Dec 2014	Difference
	01	3	4	-1
	05	13	15	-2
	06	7	12	-5
01 – Definition of Work Process and Proceduralization 05 – Performance of Work 06 – Documentation of Work NOTE: The decrease in the number of CARs issued accounts for the decrease in difference of number of codes assigned. The Deficiency codes above are the items with the highest number of codes identified during the 6-month reporting period of July through December 2015.				

Managers are requested to review the trends on the attached chart with appropriate personnel within their organizations. If you have any questions, please contact me at (575) 234-7476.

Sincerely,



Michael R. Brown, Director
 CBFO Office of Quality Assurance

Enclosure

cc: w/enclosure

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V. Cannon, NWP	ED
B. Allen, NWP	ED
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Carlsbad Field Office Corrective Action 6-Month Trend Report

Report Period:
7/1/2015 to 12/31/2015

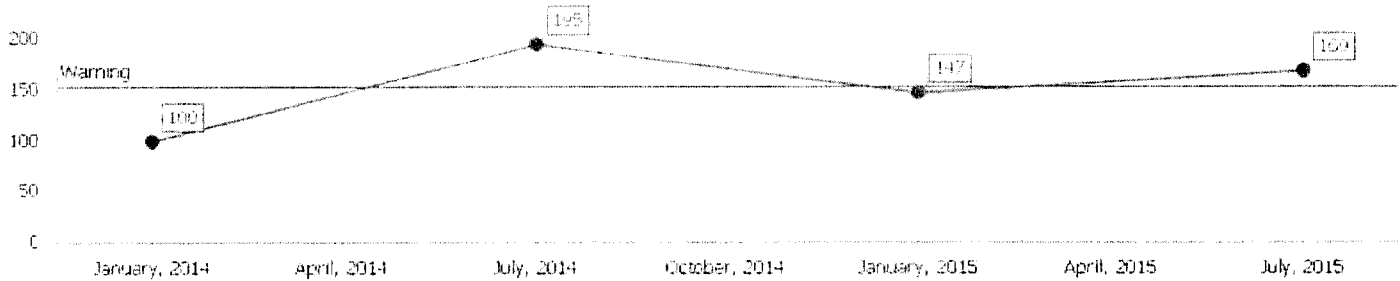
Prepared By: Jim Schurz 2/3/16

Approved By: [Signature] 2/3/16
CBFO QA DIRECTOR

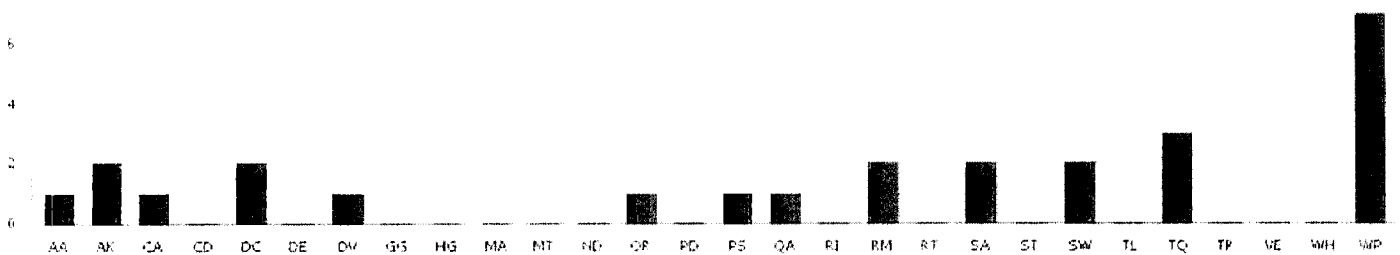
Descriptive Statistics for those CARs Closed During the Report Period (Current 6-Month Period)

Number of CARs Closed: 26	Average Days to Closure: 169
Maximum Days to Closure: 351	Minimum Days to Closure: 35

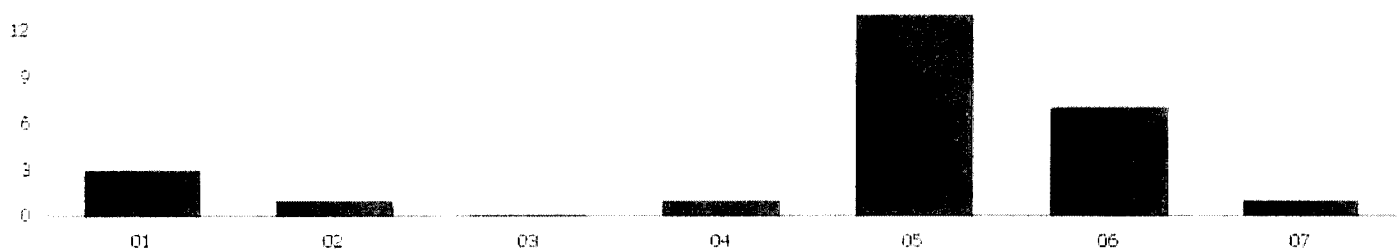
Average Number of Days to CAR Closure (Over Four 6-Month Periods)



Activity Trend Codes (Current 6-Month Period)



Deficiency Trend Codes (Current 6-Month Period)



Assumptions:
 Days to Closure: Number of days between date of CAR notification letter to date CBFO Quality Assurance Director signs CAR with closure.
 6-month Periods: Only CARs that are actually CLOSED are considered in a given 6-month period.
 The final value shown in the Average Number of Days to CAR Closure chart is the average of the four 6-month periods.
 Activity and Deficiency Trend Code charts cover CARs that were either opened or closed during the current 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		