



Department of Energy  
Washington, DC 20585

QA: L

JUL 18 1994

Distribution

CORRECTIVE ACTION STATUS REPORT FOR THE MONTH OF JUNE 1994  
(SCPB: N/A)

The status of Corrective Action Requests (CAR) issued by the Office of Civilian Radioactive Waste Management, Office of Quality Assurance (OQA), as of June 30, 1994, is enclosed. Enclosure 1 is a summary of CAR activity for the month of June 1994. A status of open CARs issued by U.S. Department of Energy/Headquarters Quality Assurance Division and CARs issued by Yucca Mountain Quality Assurance Division as of June 30, 1994, are provided in Enclosures 2 and 3, respectively.

It is requested that the responsible individual in your organization review the reported information for any required action. Any discrepancies should be promptly reported to the OQA.

If you have any questions, please contact either Robert B. Constable at (702) 794-7945 or Deborah G. Sult at (702) 794-7777.

*D. G. Horton*  
Donald G. Horton, Director  
Office of Quality Assurance

OQA:RBC-4304

Enclosures:

1. CAR Status for June 1994
2. Headquarters Quality Assurance  
Division CAR Status Report for  
June 1994
3. Yucca Mountain Quality Assurance  
Division CAR Status Report for  
June 1994

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Daniel A. Dreyfus, HQ (RW-1) FORS  
Lake H. Barrett, HQ (RW-2) FORS  
Robert W. Clark, HQ (RW-3.1) FORS  
Jerome D. Saltzman, HQ (RW-10) FORS ..  
Samuel Rousso, HQ (RW-40) FORS  
Ronald A. Milner, HQ (RW-30) FORS  
Fred Mayes, HQ (EI-523) FORS  
Ralph Erickson, HQ (EM-343) FORS.  
~~William A. Belke~~, NRC, Washington, DC  
Susan W. Zimmerman, NWPO, Carson City, NV  
Robert P. Keele, QATSS/SAIC, Las Vegas, NV  
Henry T. Greene, YMOAD/QATSS, Las Vegas, NV  
Deborah G. Sult, YMOAD/QATSS, Las Vegas, NV  
Kimberly Ransom, QATSS/CER, Arlington, VA  
Lester W. Wagner, QATSS/CER, Arlington, VA  
Peter Zavattaro, EG&G/EM, Las Vegas, NV  
Julie A. Canepa, LANL, Los Alamos, NM  
Ned Z. Elkins, LANL, Las Vegas, NV  
Willis L. Clarke, LLNL, Livermore, CA  
James A. Blink, LLNL, Las Vegas, NV  
Ronald P. Ruth, M&O/Duke, Las Vegas, NV  
L. Dale Foust, M&O/TRW, Las Vegas, NV  
Roland L. Robertson, M&O/TRW, Vienna, VA  
Paul W. Eslinger, PNL, Richland, WA  
Asim Khawaja, PNL, Richland, WA  
Daniel L. Koss, REECO, Las Vegas, NV  
William C. Kopatich, RSN, Las Vegas, NV  
Les E. Shephard, SNL, Albuquerque, NM, M/S 1333  
F. Joseph Schelling, SNL, Las Vegas, NV  
Larry R. Hayes, USGS, Las Vegas, NV  
Robert W. Craig, USGS, Las Vegas, NV  
Richard E. Spence, YMOAD, NV  
Robert M. Nelson, Jr., YMSCO, NV  
H. Kenneth Elder, YMSCO, NV  
Stephan J. Brocoum, YMSCO, NV

**CORRECTIVE ACTION REQUEST STATUS REPORT FOR JUNE 1994**

**1. HEADQUARTERS CORRECTIVE ACTION REQUEST AND STOP WORK ORDERS**

**A. Corrective Action Requests**

<b>CARs</b>	<b>MONTH TO DATE</b>	<b>TOTAL TO DATE</b>
CARs Issued	0	115
CARs Closed	0	90
CARs Open	-	25

**B. Stop Work Orders**

No Activity

**2. YMP CORRECTIVE ACTION REQUEST AND STOP WORK ORDERS**

**A. Corrective Action Requests**

<b>CARs</b>	<b>MONTH TO DATE</b>	<b>TOTAL TO DATE</b>
CARs Issued	3	317
CARs Closed	5	287
CARs Open	-	30

**B. Stop Work Orders**

No Activity

**HEADQUARTERS QUALITY ASSURANCE DIVISION  
MONTHLY CORRECTIVE ACTION REQUEST (CAR) STATUS REPORT  
FOR JUNE 1994**

Enclosure 2

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
<b>RW-30</b>							
HQ-93-007	01/28/93	-	Employees performing work under QARD reqmts not on list	D. Shelor RW-30	1) Add employees to "List of Employees Performing Assignments Against the QARD", 2) issue HLP-2.1Q	RW-3 Issue HLP-2.1Q	06/30/94
<b>EIA</b>							
HQ-92-022	10/21/92	SC	No SQAP; inadequate controls applied to RW-859 Data Collection Computer Code	F. Mayes (EI-523)	1) Complete SQAP for RW-859 Code; 2) hold lessons learned class	Complete QAP 6.2 Review	07/30/94
HQ-92-023	10/21/92	SC	No SQAP; inadequate controls applied to INM Computer Code	F. Mayes (EI-523)	1) Complete SQAP for INM Code; and 2) hold lessons learned class	Complete QAP 6.2 Review	07/30/94
HQ-92-029	10/21/92	-	Document control deficiencies	F. Mayes (EI-523)	Develop procedures to identify controlled documents	Complete QAP 6.2 Review	07/30/94

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<b>EM-343</b>							
HQ-93-009	02/16/93	SC	Ineffective technical review process	R. Erickson (EM-343)	1) Revise TRG (SPP 4.15); 2) conduct surveillance	Complete Verification	07/31/94
HQ-93-010	02/16/93	SC	Technical activities not verified during audits/surveillances	R. Erickson (EM-343)	1) Revise SPP 5.1; 2) verify no negative impact of tech activities; 3) conduct surveillance; 4) increase participation of tech specialist	Complete Verification	07/31/94
HQ-93-011	02/16/93	SC	List of items & activities subject to QARD reqmts has not been developed	R. Erickson (EM-343)	1) Issue memo; 2) evaluate items & activities lists for QA reqmts; 3) update DWPF WCP	Complete Verification	09/15/94
HQ-93-027	08/05/93	-	1) No procedure for prep of tech documents; 2) interfaces for development of WAPS not controlled; 3) WAPS input not controlled	R. Erickson (EM-343)	1) Evaluate controls applied during development of EM-WAPS, 2) revise SPP 4.16	Complete Verification	07/30/94
HQ-93-028	08/05/93	-	1) No evidence of comment resolution; 2) no tracking of requirements to WCP & WQR; 3) no list of reviewers & qualifications; 4) checklists not received; 5) review package not received; 6) WA-SRD requirements not in WAPS	R. Erickson (EM-343)	1) Evaluate WA-SRD reqmts not completely stated in EM-WAPS, 2) revise SPP 4.16	Complete Verification	07/30/94

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<b>M&amp;O/TRW</b>							
HQ-93-013	03/18/93	SC	Procedures lack adequate acceptance criteria	R. Robertson (M&O)	Trace the QARD requirements to implementing procedures	Complete Corrective Action	07/15/94
HQ-93-031	10/22/93	-	1) CRD reqmts not adequately addressed in MGDS-RD; 2) MDGS-RD reqmt lacking ref to 40 CRF	R. Robertson (M&O)	Revise SRD's	Complete Corrective Action	09/15/94
HQ-94-004	03/29/94	SC	Inadequate verification of education and experience	R. Robertson (M&O)	Revise M&O QAP 2.2	Complete Corrective Action	07/08/94
HQ-94-005	03/29/94	-	Records need re-authentication by originators	R. Robertson (M&O)	Revise M&O QAP 17.1	Complete Corrective Action	07/31/94
HQ-94-006	03/29/94	SC	Audit/Surveillance Reports lack objective evidence	R. Robertson (M&O)	Add procedural requirement to M&O QAP 18.2 to include objective evidence	Complete Corrective Action	07/15/94
HQ-94-007	03/29/94	-	Software procedures not established	R. Robertson (M&O)	Rewrite M&O QAP 19 Series	Complete Corrective Action	07/31/94
HQ-94-008	03/29/94	SC	QAR and CAR related inadequacies	R. Robertson (M&O)	Review, investigate and resubmit final response	Complete Corrective Action	07/01/94
HQ-94-009	04/28/94	-	QAP 2.0 evaluation not revised	R. Robertson (M&O)		Respond to CAR	07/27/94
HQ-94-010	04/28/94	SC	Utilization of drafts as source documents during MPC RFP process	R. Robertson (M&O)		Respond to CAR	07/27/94
HQ-94-011	04/28/94	SC	Lack of process to release TBD/TBR for SRD	R. Robertson (M&O)		Respond to CAR	07/27/94

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<b>M&amp;O/TRW</b>							
HQ-94-012	04/28/94	-	QAP 2.3 classification and Q-list changes not transmitted to DOE (RW-40)	R. Robertson (M&O)		Respond to CAR	07/27/94
HQ-94-013	04/28/94	SC	Prep and issuance of MPC RFP in non-compliance w/ QARD & M&O QAPs 2.0, 3.5, 7.1	R. Robertson (M&O)		Respond to CAR	07/27/94
HQ-94-014	04/28/94	-	Overlap of participants for "Rubber Room" activities w/ QAP 3.1 reviewers	R. Robertson (M&O)		Respond to CAR	07/27/94
<b>SNL</b>							
HQ-94-001	12/20/93	-	1) CSDP organization chart inadequacies; 2) CSDP lacks evidence of reporting & tracking system	Brady (SNL)	Procedures (CSDP PD 1.3) will be modified to reflect current organization & implementation of reporting & tracking system	Complete Corrective Action	09/30/94
HQ-94-002	12/20/93	Yes	1) CSDP QA Manual not current and several CSDP QA Program inadequacies	Brady (SNL)		Evaluate Response	07/29/94
HQ-94-003	12/20/93	Yes	1) Lack of CSDP QA audits and surveillances	Brady (SNL)	Audit & surveillance schedules will be added to CSDP PD 1.3	Complete Corrective Action	09/30/94

**YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION  
MONTHLY CORRECTIVE ACTION REQUEST STATUS REPORT  
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Enclosure 3

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
<b>LLNL</b>							
YM-91-056	06/24/91	2	Procedures issued w/o meeting requirements of QAPP	LLNL Clarke	Revise QP 2.1 and QAPP	Verification scheduled for 07/15/94	07/15/94
<b>T&amp;MSS</b>							
YM-94-040	05/27/94		Personnel not trained prior to performing quality-affecting activities	SAIC/TMSS Voegels		Issue response acceptance letter	
<b>TRW</b>							
YM-93-066	07/19/93		QAP 17-4 does not reflect records management policies and requirements document, upper tier requirements	TRW Foust	Delete RW-0194, Rev. 2, Appendix D D3.2c, D3.4a and D.3.4c. Revise RMPR	Complete corrective action	07/31/94
YM-93-070	07/16/93	SC	Repetitive deficiencies regarding inadequate or non-existent procedures	TRW Foust	Implement the RTN matrix for procedure review and issuance.	Issue approval of corrective action extension	

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CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
TRW (Continued)							
YM-94-002	10/28/93	SC	No detailed documentation for supporting derived requirements contained in the project requirements documents	TRW Foust	Revise the Technical Document Preparation Plan for the preparation of MGDS Design Requirements Documents	Complete corrective action	09/29/94
YM-94-003	10/28/93		Source input controls on project design requirements documents	TRW Foust	Perform a review of Design Requirements Documents. Revise Technical Document Preparation Plan	Complete corrective action	09/29/94
YM-94-013	12/30/93		Plans prescribing Quality Affecting Activities not controlled in accordance with QA Program	TRW Foust	1) Revise TDPPs prepared under NLP-3-17 2) Revise NLP-3-17 3) Submit DOE Plan in accordance with QAP-6-1	Verification scheduled for 6/29/94	08/29/94
YM-94-015	12/30/93	SC	Validation status of data used in Waste Isolation Impact Evaluation is not documented or tracked	TRW Foust	Review/revise complementing procedures for control of WIE Data.	Verification scheduled for 07/29/94	07/29/94

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TRW (Continued)							
YM-94-041	06/01/94		Evaluation of work activities associated with the MPC environmental assessment was not performed	TRW Foust		Evaluate response	07/14/94
USGS							
YM-94-004	10/29/93		No temperature control for core and rubble samples. No calibration device or log book of storage temperatures.	USGS Hayes	Revise USGS procedure HP- 131.	Complete corrective action	9/1/94
YM-94-027	03/24/94		QMP-3.03 does not provide for independent review of software when transfered. Software DIP/2.2 was transfered w/o documented evidence of independent review for use.	USGS Hayes	YMP-3.03 will be revised to provide for review of additional software applications.	Issue closure letter	
YMSCO							
YM-91-005	11/09/90	3	No matrix for OCRWM procedures and QARD/QAP	YMSCO Nelson	Complete modifications identified in matrix review	Complete corrective action	07/31/94
YM-93-044	04/16/93		Readiness Review not properly documented	YMSCO Nelson	Revise QAAP 2.6. Provide training	Issue closure letter	
YM-93-086	08/24/93	SC	Work performed prior to review of procurement documents	YMSCO Nelson	Approve and issue Technical Directives. Perform procedure revisions as necessary.	Complete corrective action	10/03/94

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<b>YMSCO (Continued)</b>							
YM-94-012	12/29/93		Ground support system for drilling blast section of the ESF added to the Q-List without required documentation.	YMSCO Nelson	Revise AP-6.17Q to clarify classification methods.	Complete corrective action	07/29/94
YM-94-019	02/28/94		Not submitting completed Job Package records to the DRC	YMSCO Nelson		Issue amended response acceptance letter	
YM-94-022	03/09/94		Did not use formal grading change process per AP-6.17Q	YMSCO Nelson	Review/revise job packages, as necessary.	Complete corrective action	08/01/94

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YMSCO (Continued)							
YM-94-023	03/09/94		Physical protection not provided for boreholes to prevent impact on data collection	YMSCO Nelson		Provide response	07/31/94
YM-94-028			Job Packages initiated under AP-5.21Q, Rev. 3, are being used but a controlled copy of Rev. 3 was not available due to cancellation and replacement by Rev. 4	YMSCO Nelson		Provide response	07/30/94
YM-94-029			Interface requirements not adequately described in the SBTF requirements document	YMSCO Nelson	SBTF requirements document being revised to include interface requirements.	Complete corrective action	08/30/94
YM-94-030	04/12/94		TPP Records Packages not submitted to the LRC	YMSCO Nelson	Records packages to be submitted to LRC.	Complete corrective action	07/15/94
YM-94-031	04/12/94		Procedure AP-5.32Q and AP-5.21Q. Do not meet QARD records requirements	YMSCO Nelson	Procedures being revised to implement QARD.	Complete corrective action	07/15/94
YM-94-032	05/05/94		A repetitive deficiency regarding Controls and Implementations applied to packaging/storing and preservation of samples obtained from drilling activities	YMSCO Nelson	Review and training to procedure YLP-SII.2Q-SMF.	Complete corrective action	08/01/94

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<b>YMSCO (Continued)</b>							
YM-94-033	05/17/94		Control of Tracers, Fluids, and Materials (TFMs) are not prescribed in implementing documents	YMSCO Nelson		Provide response	07/31/94
YM-94-035	05/17/94		No transportation planning documents nor a Technical Directive (TD) for control of TFMs	YMSCO Nelson		Provide response	07/31/94
YM-94-036	05/17/94		TFMs are not classified as technical data	YMSCO Nelson		Provide response	07/31/94
YM-94-037	05/17/94	SC	Notification was not accomplished regarding TFMs	YMSCO Nelson		Provide response	07/31/94
YM-94-038	05/17/94	SC	Control and limits of TFMs were not specified in Test Planning Packages and Job Packages	YMSCO Nelson		Provide response	07/31/94
YM-94-039	05/16/94		Job package records were not submitted within 60 days	YMSCO Nelson	Development of action plans for completing and submitting job package.	Complete corrective action	08/31/94
YM-94-042	06/30/94		Inadequate training and training deficiencies	YMSCO Nelson		Provide response	07/29/94