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Distribution

CORRECTIVE ACTION STATUS REPORT FOR THE MONTH OF DECEMBER 1993 (SCP: N/A)

The status of Corrective Action Requests (CAR) issued by Office of Civilian Radioactive Waste Management (OCRWM) Office of Quality Assurance (OQA) as of December 30, 1993, is enclosed. Attachment 1 is a summary of CAR activity for the month of December. A status of open CARs issued by U.S. Department of Energy/Headquarters Quality Assurance Division and the open Standard Deficiency Report and CARs issued by Yucca Mountain Quality Assurance Division as of December 30, 1993, is provided in Attachments 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 Nita J. Brogan at (702) 794-7777.

Donald G. Horton, Director  
Office of Quality Assurance

OQA:RBC-1569

Enclosures:

1. CAR Status for December 1993
2. Headquarters Quality Assurance Division CAR Status Report for December 1993
3. YMQAD CAR Status Report for December 1993

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Attachment 1

**CORRECTIVE ACTION REQUEST STATUS REPORT FOR DECEMBER 1993**

**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	101
CARs Closed	3	87
CARs Open	-	14

**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	8	282
CARs Closed	15	243
CARs Open	-	39

**B. Stop Work Orders**

No Activity

**HEADQUARTERS QUALITY ASSURANCE DIVISION  
MONTHLY CORRECTIVE ACTION REQUEST (CAR) STATUS REPORT  
FOR DECEMBER 1993**

Attachment 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-92-017	10/13/92	SC	Inadequate management of records by originators	D. Shelor RW-30	1) Review status of records pkgs; 2) assign record pkg. responsibilities; and 3) attend training	Complete Verification	01/07/93
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	Complete Verification (Note: awaiting issuance of HLP-2.1Q)	01/07/94
<b>RW-3</b>							
HQ-93-003	01/28/93	-	Lead Auditor exams not in record pkgs.	R. Clark RW-3.1	1) Issue memo to Lead Auditor certification records pkg. 2) Revise QAAP 18.1	Complete Corrective Action (Note: awaiting issuance of QAAP 18.1)	12/31/93
HQ-93-004	01/28/93	-	Audit schedules not provided to TPO and QA Mgrs. Surveillance schedules not reviewed by Director, OQA	R. Clark RW-3.1	1) Issue FY93 Surveillance Schedule; 2) Revise QAAP 18.3	Complete Verification	01/07/94
<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 Corrective Action	12/31/93

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FOR DECEMBER 1993**

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<b>EIA (Continued)</b>							
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 Corrective Action	12/31/93
HQ-92-029	10/21/92	-	Document control deficiencies	F. Mayes (EI-523)	Develop procedures to identify controlled documents	Complete Corrective Action	12/31/93
<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	01/14/94
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	01/14/94
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	01/14/94
HQ-93-012	02/16/93	-	Procedures lack adequate acceptance criteria	R. Erickson (EM-343)	1) Provide training to DWPF Program Manager	Verification Completed and CAR Closed 12/13/93	N/A Closed

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<b>EM-343 (Continued)</b>							
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 Corrective Action	03/31/94
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 Corrective Action	03/31/94
<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 Verification	02/01/94
HQ-93-030	09/03/93	-	TDPP not prepared or maintained	R. Robertson (M&O)	Procedure QAP 3-5, Rev 4. & MPC Conceptual Design Rept., TDPP, Rev 4 were revised and approved.	Verification Completed and CAR Closed 12/13/93	N/A Closed
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

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<b>GENERAL ATOMICS</b>							
HQ-93-029	08/05/93	-	GA Topical Report not maintained	R. Grenier (GA)	GA Quality Assurance Program (Topical Report) to be revised and submitted to the NRC for approval	Verification Completed and CAR Closed 12/13/93	N/A Closed

**YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION  
MONTHLY CORRECTIVE ACTION REQUEST STATUS REPORT  
FOR DECEMBER 1993**

Attachment 3

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
<b>EG&amp;G</b>							
YM-93-005	10/21/92		Some procedures do not meet QPD requirements.	EG&G Zavattaro	Revise QPD. Develop procedure for resolving disputes. Develop procedure for identification and traceability of data.	Complete corrective action	01/31/94
YM-93-006	10/21/92		Changes to procurement documents not reviewed by same organizations	EG&G Zavattaro	Revise Y100-072.A	Complete corrective action	01/31/94
YM-93-007	10/21/92		DRR and DRS forms not used for review of technical procedures	EG&G Zavattaro	Revise Y100-051.A	Complete corrective action	01/31/94
YM-93-008	10/21/92		QAO not performing document distribution activities for Y300 procedures	EG&G Zavattaro	Revise Y100-061.A	Complete corrective action	01/31/94
<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	Complete corrective action	02/14/94
YM-94-005		SC	Procedure not implemented to conduct quality affecting work.	LLNL Clarke		Provide response	12/29/93

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<b>PNL</b>							
YM-93-024	12/31/92		Inadequate follow-up of corrective action	PNL Eslinger	Reopen audit report. Issue document change request to QAP-70-704	Complete corrective action	03/30/94
<b>REEC0</b>							
YM-93-058	07/07/93		Survey activities not performed in accordance with REEC0 YM QA procedures	REEC0 Pritchett	Surveyers to be qualified and instruments calibrated. Technical control procedure to be developed.	Provide amended response	12/29/93
YM-93-061	07/07/93		Failure of QC to notify construction to take additional samples	REEC0 Pritchett	Implement log system to ensure timely receipt of test data	Provide amended response	12/29/93
YM-94-008	12/22/93		Water removed from ESF not being reported as required	REEC0 Pritchett		Provide response	01/21/94
YM-94-009	12/22/94		Failure to adequately address specification requirements	REEC0 Pritchett		Provide response	01/21/94
YM-94-011	12/14/93		Documentation of Rock Bolt installation incorrectly completed	REEC0 Pritchett		Provide response	01/12/94

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SNL							
YM-93-094	09/29/93		Technical review not performed as required	SNL Shephard	Review all records packages of SNL study plans completed after 1/1/89. If inadequate evaluate on case by case basis. Implement tracking tools and controls.	Complete Corrective Action	02/14/94
YM-93-097	09/29/93		QA requirements not incorporated in procurement documents	SNL Shephard	Review all current service contracts. Revise WA-0073. Revise contracts as stated. Develop procurement QA review checklist.	Complete corrective action	02/15/94
TRW							
YM-93-040	04/01/93	SC	OCRWM QARD requirements not contained in design procedures	TRW Foust	Prepare and issue ILP	Complete corrective action	01/14/94
YM-93-045	04/16/93	SC	Use of unqualified vendor for one-of-a-kind records storage	TRW Foust	Resolve audit recommendations. Monitor via annual surveillance	Verify corrective action	01/28/94
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	Verify corrective action	12/15/93
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.	Complete corrective action	03/01/94

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TRW (Continued)							
YM-93-072	07/22/93	SC	Independent verification of drawings not indicated	TRW Foust	Correct deficient drawings through FCRs. Check RSN Package 1A drawings for completeness. Review DIES for TBVs to be added. Check RSN drawings on leight table for handwritten notes. Develop ILP for preparing BFD documents.	Verification scheduled for 01/14/94	01/28/94
YM-93-073	07/22/93	SC	Drawings do not list quality-affecting design inputs	TRW Foust	Revise MGP-3-8. Revise RSN BFD. Prepare ILP to allow revisions to the RSN BFD. Develop tracking for controlling design inputs.	Verify corrective action	01/14/94
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	05/01/94
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	03/30/94
YM-94-013	12/30/93		Plans prescribing Quality Affecting Activities not controlled in accordance with QA Program	TRW Foust		Provide response	01/31/94

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<b>TRW (Continued)</b>							
YM-94-014	12/30/93	SC	Selection of design configuration for DIEs not governed by procedure	TRW Foust		Provide response	01/31/94
YM-94-015	12/30/93	SC	Validation status of data used in Waste Isolation Impact Evaluation is not documented or tracked	TRW Foust		Provide response	01/31/94
<b>USGS</b>							
YM-93-053	07/02/93		Subcontractor's QA Programs do not include applicable QA Program requirements	USGS Hayes	Revise USGS QMP-4.01	Provide amended response	01/05/94
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	02/28/94
<b>YMP</b>							
YM-91-005	11/09/90	3	No matrix for OCRWM procedures and QARD/QAP	YMP Nelson	Complete modifications identified in matrix review	Verify corrective action	01/18/94
YM-93-004	10/13/92	SC	Illegible Records and Records Problems	YMP Nelson	Revise AP-1.18Q. Resubmit Job Package 92-12 to LRC	Evaluate extension requires	01/06/94

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YMP (Continued)							
YM-93-027	12/31/92	SC	Failure to implement procedures for Control of Tracers, Fluids, and Materials	YMP Nelson	Revise TFM Plan. Revise AP-5.21Q and AP-5.32Q	Verify corrective action	01/10/94
YM-93-035	03/18/93	SC	FCRs are not being completed in accordance with AP-3.5Q requirements	YMP Nelson	Review FCRs and provide training	Verification unsatisfactory. Issue letter.	
YM-93-044	04/16/93		Readiness Review not properly documented	YMP Nelson	Revise QAAP 2.6. Provide training	Evaluate amended response	01/13/94
YM-93-086	08/24/93	SC	Work performed prior to review of procurement documents	YMP Nelson	Approve and issue Technical Directives. Perform procedure revisions as necessary.	Complete corrective action	01/13/94
YM-93-091	09/08/93		Inadequate approval of Job Package 92-12	YMP Nelson	Correct typographical errors. Implement AP-5.21Q, Rev. 4.	Complete corrective action	01/15/94
YM-93-093	09/14/93		Deficiencies in QA implementation control in the scientific investigation process	YMP Nelson	Test planning packages and job packages to be modified. AP 5.21Q and AP 5.32Q are being revised.	Complete corrective action	03/12/94
YM-94-006	12/03/93		Required logging procedures not implemented to conduct quality affecting work.	YMP Nelson		Provide response	01/04/94
YM-94-007			Drilling continued at Borehole UZ-14 in violation of Test Planning Package T-92-16, Rev. 0	YMP Nelson		Evaluate response	01/12/94

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YMP (Continued)							
YM-94-010	12/16/93		Failure to videotape core	YMP Nelson		Provide response	01/17/94
YM-94-012	12/29/93		Ground support system for drilling blast section of the ESF added to the Q-List without required documentation.	YMP Nelson		Provide response	01/28/94

Distribution--Memorandum dated

JAN 13 1994

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