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Distribution

CORRECTIVE ACTION STATUS REPORT FOR THE MONTH OF OCTOBER 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 October 31, 1993, is enclosed. Enclosure 1 is a summary of CAR activity for the month of October 1993. 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 October 31, 1993, is 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 OQA.

If you have any questions, please contact either Robert B. Constable at (702) 794-7945 or Nita J. Brogan at (702) 794-7777.

AC. Spence For

Donald G. Horton, Director
Office of Quality Assurance

OQA:RBC-640

Enclosures:

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

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ADD: Ken Hooks

Mr. Encl.

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L. Dale Foust, M&O/TRW, Las Vegas, NV
R. L. Robertson, M&O/TRW, Fairfax, VA
Paul W. Eslinger, PNL, Richland, WA
Asim Khawaja, PNL, Richland, WA
Robert F. Pritchett, REEC, Las Vegas, NV
William C. Kopatich, RSN, Las Vegas, NV
Les E. Shephard, SNL, Albuquerque, NM
Larry R. Hayes, USGS, Las Vegas, NV
J. Russell Dyer, YMP, NV
Richard E. Spence, YMQAD (RW-3.2) YMP, NV
Nita J. Brogan, YMQAD/QATSS, Las Vegas, NV
Henry T. Greene, YMQAD/QATSS, Las Vegas, NV
Linda M. Smith, YMP, NV

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Attachment 1

HEADQUARTERS CAR STATUS REPORT FOR OCTOBER 1993

1. HEADQUARTERS CORRECTIVE ACTION REQUESTS AND STOP WORK ORDERS

A. Corrective Action Requests

CARs	MONTH TO DATE	TOTAL TO DATE
CARs Issued	1	101
CARs Closed	1	78
CARs Open	-	23

B. Stop Work Orders

No Activity

2. HEADQUARTERS CARs WITH OVERDUE ACTION:

None

YMP CAR/SDR STATUS REPORT FOR OCTOBER 1993

1. YMP CORRECTIVE ACTION REQUESTS, STANDARD DEFICIENCY REPORTS, AND STOP WORK ORDERS

A. Corrective Action Requests

CARs	MONTH TO DATE	TOTAL TO DATE
CARs Issued	4	271
CARs Closed	12	217
CARs Open	-	54

B. Standard Deficiency Reports

SDRs	MONTH TO DATE	TOTAL TO DATE
SDRs ISSUED	0	599
SDRs CLOSED	0	598
SDRs OPEN	-	1

C. Stop Work Orders

No activity

2. YMP CARs WITH OVERDUE ACTION:

None

**HEADQUARTERS QUALITY ASSURANCE DIVISION
CORRECTIVE ACTION REQUEST STATUS REPORT FOR OCTOBER 1993**

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
RW-30							
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	11/05/93
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)	11/30/93
HQ-93-024	07/01/93	-	Inadequacies with Waste Acceptance System Requirements Document	D. Shelor RW-30	1) Revise two ICDRDFs associated with Waste Acceptance System Requirements Document	Verification completed & CAR closed 10/05/93	N/A Closed
RW-3							
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 Corrective Action (Note: awaiting issuance of QAAP 18.3)	11/30/93

**HEADQUARTERS QUALITY ASSURANCE DIVISION
CORRECTIVE ACTION REQUEST STATUS REPORT FOR OCTOBER 1993**

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
EIA							
HQ-92-020	10/21/92	SC	Lack of implementing procedures	F. Mayes (EI-523)	1) Prepare QARD Supplement 1 procedures; 2) prepare QARD reqmts matrix; 3) hold lessons learned class	Complete Corrective Action	12/31/93
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	10/31/93
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	10/31/93
HQ-92-029	10/21/92	-	Document control deficiencies	F. Mayes (EI-523)	Develop procedures to identify controlled documents	Complete Corrective Action	10/31/93
EM-343							
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 Corrective Action	11/19/93
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 Corrective Action	12/15/93
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 Corrective Action	11/01/93

**HEADQUARTERS QUALITY ASSURANCE DIVISION
CORRECTIVE ACTION REQUEST STATUS REPORT FOR OCTOBER 1993**

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
EM-343 (Continued)							
HQ-93-012	02/16/93	-	Procedures lack adequate acceptance criteria	R. Erickson (EM-343)	1) Provide training to DWPF Program Manager	Complete Verification	11/12/93
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)		Evaluate Response	11/05/93
HQ-93-028	08/05/93	-	1) No evidence of comment resolution; 2) no tracking of requirements to WPC & 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)		Evaluate Response	11/05/93
M&O/TRW							
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	11/14/93
HQ-93-014	03/18/93	-	Inadequate software identification	R. Robertson (M&O)	QAP 19.2 Rev 2 will contain the revised CSCI document identifier format	Complete Verification	11/03/93
HQ-93-019	03/18/93	SC	Inadequate verification of education	R. Robertson (M&O)	Revise QAP 2.2 to detail methodology and documentation needed for verification of education	Complete Verification	11/14/93

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CORRECTIVE ACTION REQUEST STATUS REPORT FOR OCTOBER 1993**

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
M&O/TRW (Continued)							
HQ-93-020	03/18/93	-	Inadequate indoctrination of personnel	R. Robertson (M&O)	1) Review all training files of individuals performing review of Cask RFP & ensure training is complete & documented; 2) issue M&O CAR if necessary to correct further problem	Complete Verification	11/03/93
HQ-93-030	09/03/93	-	TDPP not prepared or maintained	R. Robertson (M&O)		Evaluate Response	11/05/93
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)		Respond to CAR	11/12/93
PNL							
HQ-93-022	05/17/93	SC	Inadequate use of technical procedures; use of unapproved procedures	A. Khawaja (PNL)	1) Revise PNL-ALO-450; 2) secure management concurrence; 3) control copies of procedures	Complete Verification	11/08/93
HQ-93-023	05/17/93	SC	Records maintained in individual files for longer than 90 days	A. Khawaja (PNL)	1) Revise QA Plan WTC-061, Rev 1 to address records requirements; 2) provide necessary training	Complete Verification	11/08/93
GENERAL ATOMICS							
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	Complete Corrective Action	11/05/93

YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION
CORRECTIVE ACTION REQUEST STATUS REPORT FOR OCTOBER 1993

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EG&G							
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.	Verify corrective action	11/15/93
YM-93-006	10/21/92	-	Changes to procurement documents not reviewed by same organizations	EG&G Zavattaro	Revise Y100-072.A	Verify corrective action	11/15/93
YM-93-007	10/21/92	-	DRR and DRS forms not used for review of technical procedures	EG&G Zavattaro	Revise Y100-051.A	Verify corrective action	11/15/93
YM-93-008	10/21/92	-	QAO not performing document distribution activities for Y300 procedures	EG&G Zavattaro	Revise Y100-061.A	Verify corrective action	11/15/93
LANL							
YM-91-041	04/09/91	2	QAPP requirements are not consistently reflected in QPs	LANL Canepa	Revise QAPP matrix existing QPs, evaluate need for stop work on affected QPs, revise QP 2.5 and 4.5.	Verify corrective action	12/15/93
YM-93-049	06/09/93	-	Failure to identify and control interfaces as required by QP-1.1	LANL Canepa	Define interfaces in implementing procedures.	Verify corrective action	11/05/93
YM-93-051	06/09/93	-	Failure to provide procedurally required training	LANL Canepa	Revise LANL-YMP-QA-17.4	Closed	

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

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LLNL							
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	11/01/93
YM-93-085	08/04/93	-	Annual evaluations of subcontractors not conducted	LLNL Clarke	Evaluate subcontractor QA programs	Verify corrective action	11/01/93
PNL							
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
REECo							
YM-93-055	07/07/93	SC	Supplier evaluations and testing not performed for commercial grade items when required	REECo Pritchett	Review Title II Design procurements for JP 92-20(1A). Revise MC-04.2	Complete corrective action	11/15/93
YM-93-058	07/07/93	-	Survey activities not performed in accordance with REECo YM QA procedures	REECo Pritchett	Surveyors to be qualified and instruments calibrated. Technical control procedure to be developed.	Verify corrective action	12/12/93
YM-93-061	07/07/93	-	Failure of QC to notify construction to take additional samples	REECo Pritchett	Implement log system to ensure timely receipt of test data	Evaluate amended response	10/28/93

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

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RSN							
YM-93-032	02/25/93	SC	RSN Field Surveying Group not in compliance with RSN QAPD	RSN Kopatich	Issue PP-19-07. Develop survey plan	Evaluate amended response	11/04/93
YM-93-078	08/09/93	-	Use of unqualified suppliers	RSN Kopatich	Supplier of calibration services to be qualified.	Complete corrective action	12/30/93
YM-93-079	07/28/93	-	Insufficient follow-up on document transmittals	RSN Kopatich	Follow-up on all controlled document transmittals/manuals will be decontrolled as needed	Provide amended response	11/05/93
SNL							
YM-93-090	09/09/93	-	Failure to calibrate drive weight assembly for penetration resistance testing	SNL Shephard	Equipment included in calibration program	Complete corrective action	11/01/93
YM-93-094	09/29/93	-	Technical review not performed as required	SNL Shephard		Evaluate response	11/04/93
YM-93-095	09/29/93	-	Subcontractor personnel not trained as required	SNL Shephard		Evaluate response	11/04/93
YM-93-096	09/29/93	-	Records not stored in fire-rated containers	SNL Shephard		Evaluate response	11/04/93
YM-93-097	09/29/93	-	QA requirements not incorporated in procurement documents	SNL Shephard		Evaluate response	11/04/93

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

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SNL (Continued)							
YM-93-098	09/29/93	-	QA records not submitted to LRC as required	SNL Shephard		Evaluate response	11/04/93
M&O/TRW							
YM-93-040	04/01/93	SC	OCRWM QARD requirements not contained in design procedures	TRW Foust	Prepare and issue ILP	Evaluate amended response	11/08/93
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	Complete corrective action	12/01/93
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	12/01/93
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
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.	Evaluate extension request	11/03/93

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

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M&O/TRW (Continued)							
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.	Evaluate extension request	11/08/93
YM-93-074	07/22/93	-	Explanation of design changes not documented	TRW Foust	Correct CR 93/405. Review CRs to determine extent. Train to AP 3.3Q. Develop system to tract impacted documents	Complete corrective action	11/01/93
YM-93-088	08/24/93	-	Inadequate review of design input data	TRW Foust	Old FCR being replaced by new FCR	Complete corrective action	11/17/93
YM-93-089	09/02/93	-	No procedure for the control of Software Applications	TRW Foust		Provide response	11/19/93
YM-94-002	10/28/93	SC	No detailed documentation for supporting derived requirements contained in the project requirements documents	TRW Foust		Provide response	11/15/93
YM-94-003	10/28/93	-	Source input controls on project design requirements documents	TRW Foust		Provide response	11/15/93
USGS							
YM-91-074	08/20/91	-	Failure to revise SQAP	USGS Hayes	Revise USGS SQAP	Verify corrective action	11/05/93

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

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USGS (Continued)							
YM-91-075	08/20/91	-	SQAP requirement not included in QMP 3.03	USGS Hayes	Revise USGS SQAP and SQA procedure	Verify corrective action	11/05/93
YM-91-076	08/20/91	2	QMP 3.03 does not address independence of personnel	USGS Hayes	Revise USGS SQAP	Verify corrective action	11/05/93
YM-93-052	07/02/93	-	YMP-USGS-16.01, Rev. 3, does not sufficiently control timely closure of CARs	USGS Hayes	Revise USGS QAP-16.04	Verify corrective action	11/12/93
YM-93-053	07/02/93	-	Subcontractor's QA Programs do not include applicable QA Program requirements	USGS Hayes	Revise USGS QMP-4.01	Verify corrective action	11/24/93
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		Provide response	11/26/93
YMP							
SDR 596	10/19/90	2	QAPD Def.	YMP Gertz	Complete preparation of centralized QA document	Complete corrective action	12/31/93
YM-91-005	11/09/90	-	No matrix for OCRWM procedures and QARD/QAP	YMP Gertz	Complete modifications identified in matrix review	Complete corrective action	12/31/93
YM-93-003	10/13/92	-	Scheduled resolution of data to be verified not delineated	YMP Gertz	Revise QAP 3.5 and AP-3.6Q	Complete corrective action	12/01/93

YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION
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YMP (Continued)							
YM-93-004	10/13/92	SC	Illegible Records and Records Problems	YMP Gertz	Revise AP-1.18Q. Resubmit Job Package 92-12 to LRC	Evaluate extension request	11/08/93
YM-93-011	10/28/93	-	Remediation Program does not address all YMP requirements	YMP Gertz	Evaluate and revise AP-5.21 and AP-5.32	Complete corrective action	11/12/93
YM-93-016	11/04/92	-	FCR evaluations not performed	YMP Gertz	Revise Change Evaluation Form. Provide training	Verify corrective action	11/15/93
YM-93-027	12/31/92	SC	Failure to implement procedures for Control of Tracers, Fluids, and Materials	YMP Gertz	Revise TFM Plan. Revise AP-5.21Q and AP-5.32Q	Complete corrective action	11/12/93
YM-93-035	03/18/93	SC	FCRs are not being completed in accordance with AP-3.5Q requirements	YMP Gertz	Review FCRs and provide training	Complete corrective action	11/05/93
YM-93-039	03/29/93	-	Assessment Team Controlled List does not contain changes to basis information	YMP Gertz	Modify AP-3.3Q. Revise AP-6.17Q	Verify corrective action	11/15/93
YM-93-042	04/16/93	-	SMF forms not controlled in accordance with AP-1.17Q	YMP Gertz	Revise AP-1.17Q	Complete corrective action	12/17/93
YM-93-044	04/16/93	-	Readiness Review not properly documented	YMP Gertz	Revise QAAP 2.6. Provide training	Complete corrective action	12/31/93
YM-93-075	08/04/93	-	Procedural noncompliance by CCB Secretary	YMP Gertz	Revise QMP-03-09	Verify corrective action	11/05/93

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YMP (Continued)							
YM-93-086	08/24/93	SC	Work performed prior to review of procurement documents	YMP Gertz		Provide response	12/01/93
YM-93-087	08/24/93	-	Lack of traceability for logging data on field prints/unrecorded data on field prints	YMP Gertz	Correct field prints for geophysical logging.	Verify corrective action	11/12/93
YM-93-091	09/08/93	-	Inadequate approval of Job Package 92-12	YMP Gertz		Evaluate extension request	11/01/93
YM-93-093	09/14/93	-	Deficiencies in QA implementation control in the scientific investigation process	YMP Gertz	Test planning packages and job packages to be modified. AP 5.21Q and AP 5.32Q are being revised.	Complete corrective action	11/30/93