



Department of Energy
Washington, DC 20585

QA: L

OCT 25 1994

Distribution

CORRECTIVE ACTION STATUS REPORT FOR THE MONTH OF SEPTEMBER 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 September 30, 1994, is enclosed. Enclosure 1 is a summary of CAR activity for the month of September 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 September 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.

Donald G. Horton, Director
Office of Quality Assurance

OQA:RBC-354

Enclosures:

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

9410310337 941025
PDR WASTE
WM-11

PDR



Printed with soy ink on recycled paper

NH03 1/1
WM-11
102.7

Distribution--Memorandum dated

OCT 25 1994

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 Rouso, HQ (RW-40) FORS
Ronald A. Milner, HQ (RW-30) FORS
Fred Mayes, HQ (EI-523) FORS
Ralph Erickson, HQ (EM-343) FORS
~~Jack G. Spraul~~, NRC, Washington, DC
Susan W. Zimmerman, NWPO, Carson City, NV
Robert P. Keele, QATSS/SAIC, Las Vegas, NV
Henry T. Greene, YMQAD/QATSS, Las Vegas, NV
Deborah G. Sult, YMQAD/QATSS, Las Vegas, NV
Tina Jackson, QATSS/CER, Washington, DC
Lester W. Wagner, QATSS/CER, Washington, DC
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
Les E. Shephard, SNL, Albuquerque, NM, M/S 1333
Michale C. Brady, SNL, Las Vegas, NV
Larry R. Hayes, USGS, Las Vegas, NV
Robert W. Craig, USGS, Las Vegas, NV
Robert M. Nelson, Jr., YMSCO, NV
Stephan J. Brocoum, YMSCO, NV

CORRECTIVE ACTION REQUEST STATUS REPORT FOR SEPTEMBER 1994

1. HEADQUARTERS CORRECTIVE ACTION REQUEST AND STOP WORK ORDERS

A. Corrective Action Requests

CARs	MONTH TO DATE	TOTAL TO DATE
CARs Issued	0	125
CARs Closed	5	95
CARs Open	-	30

B. Stop Work Orders

No Activity

2. YMP CORRECTIVE ACTION REQUEST AND STOP WORK ORDERS

A. Corrective Action Requests

CARs	MONTH TO DATE	TOTAL TO DATE
CARs Issued	22	380
CARs Closed	4	296
CARs Open	-	84

B. Stop Work Orders

No Activity

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

Enclosure 2

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
EIA							
HQ-92-022	10/21/92	SC	No SQAP; inadequate controls applied to RW-859 Data Collection Computer Code	J. Disbrow (EI-523)	1) Complete Life Cycle Plan for RW-859 Code; 2) hold lessons learned class	Complete Corrective Action	12/31/94
HQ-92-023	10/21/92	SC	No SQAP; inadequate controls applied to INM Computer Code	D. Jackson (EI-523)	1) Complete Life Cycle Plan for INM Code; and 2) hold lessons learned class	Complete Corrective Action	12/31/94
HQ-92-029	10/21/92	-	Document control deficiencies	K. Gibbard (EI-523)	Complete HLP SI.IQ	Complete Corrective Action	12/31/94
EM-323							
HQ-93-011	02/16/93	SC	List of items & activities subject to QARD reqmts has not been developed	J. Conway (EM-323)	1) Issue memo; 2) evaluate items & activities lists for QA reqmts; 3) update DWPF WCP	Complete Corrective Action	10/14/94
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	J. Conway (EM-323)	1) Evaluate controls applied during development of EM-WAPS, 2) revise SPP 4.16	Complete Corrective Action	10/31/94
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	J. Conway (EM-323)	1) Evaluate WA-SRD reqmts not completely stated in EM-WAPS, 2) revise SPP 4.16	Complete Corrective Action	10/31/94

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

Enclosure 2

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
EM-323							
HQ-94-021	07/25/94	SC	Verification of Education and Experience is not adequate	K. Grisham (EM-323)		Evaluate Response	10/21/94
HQ-94-022	07/25/94	-	Records not available indicating review criteria considered during SPP reviews	J. Conway (EM-323)		Evaluate Response	10/21/94
HQ-94-023	07/25/94	-	2nd Quarter FY94 Analysis of Adverse Quality Trends Rpt does not meet format of SPP 10.01 Section 4.b	J. Conway (EM-323)		Evaluate Response	10/21/94
HQ-94-024	07/25/94	-	Requirements not implemented in SPPs 3.03, 4.02, 6.05, 4.15 and 4.14	J. Conway (EM-323)		Evaluate Response	10/21/94
M&O/TRW							
HQ-93-013	03/18/93	SC	Procedures don't meet QARD	R. Morgan (M&O)	Trace the QARD requirements to implementing procedures and revise procedures	Complete Corrective Action	11/18/94
HQ-93-031	10/22/93	-	1) CRD reqmts not adequately addressed in MGDS-RD; 2) MGDS-RD reqmt lacking ref to 40 CRF	G. Carruth (M&O)	Revise SRD's	Evaluate Response	10/14/94
HQ-94-005	03/29/94	-	Records need re-authentication by originators	M. Shephard (M&O)	Revise M&O QAP 17.1	Verification Scheduled	10/14/94
HQ-94-006	03/29/94	SC	Audit/Surveillance Reports lack objective evidence	D. Franks (M&O)	Add procedural requirement to M&O QAP 18.2 to include objective evidence	Verification Scheduled	10/07/94
HQ-94-008	03/29/94	SC	QAR and CAR related inadequacies	J. Tierney (M&O)	Review, investigate and resubmit final response	Complete Corrective Action	10/31/94

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

Enclosure 2

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
M&O/TRW							
HQ-94-009	04/28/94	-	QAP 2.0 evaluation not revised	J. Blandford (M&O)	Revise 2.0 evaluation and train personnel	Verification Scheduled	10/14/94
HQ-94-010	04/28/94	SC	Utilization of drafts as source documents during MPC RFP process	J. Blandford (M&O)	Develop methodology for utilization of draft documents	Complete Corrective Action	11/01/94
HQ-94-011	04/28/94	SC	Lack of process to release TBD/TBR for SRD	J. Blandford (M&O)	1) Revise ILP CLP-3-2 & NLP 3-15 to include developing of the SRDs; 2) Revise procedure review criteria (QAP-5-1) to ensure distribution of products generated by QAPs and ILPs	Complete Corrective Action	11/30/94
HQ-94-012	04/28/94	-	QAP 2.3 classification and Q-list changes not transmitted to DOE (RW-40)	J. Blandford (M&O)	2.3 classification transmitted and Q-list evaluation	Complete Corrective Action	10/29/94
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	J. Blandford (M&O)		Provide Amended Response	10/21/94
HQ-94-014	04/28/94	-	Overlap of participants for "Rubber Room" activities w/ QAP 3.1 reviewers	J. Blandford (M&O)		Evaluate Response	10/21/94
HQ-94-015	07/19/94	SC	1) QAP-2-0 activity analyses inaccurate & do not identify portions subject to QARD; 2) Objective evidence not provided that QAP-2-0 analyses adequately evaluated; 3) No rationale used to determine application of QARD controls; 4) Controlling Documents sections not complete	T. Geer (M&O)	Checklist developed for management use, procedure revised, personnel trained, revise 2-0 evaluations	Complete Corrective Action	12/30/94

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

Enclosure 2

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
M&O/TRW							
HQ-94-016	07/19/94	-	MPC Classification Analysis identified MPC as important to Waste Isolation & Radiological Safety for MGDS, but was not forwarded to YMSCO for inclusion on YMP Q-List	P. Hastings (M&O)	Transmitted Q-List change; will revise procedure and train	Complete Corrective Action	11/30/94
HQ-94-017	07/19/94	SC	Trend program ineffective in obtaining correction of identified trends.	J. Tierney (M&O)	QAP-2-4 will be revised and personnel trained	Complete Corrective Action	11/01/94
HQ-94-018	07/19/94	SC	QAP-3-9, Design Analysis requirements not met	J. McConaghy (M&O)	Review MPC design analyses memo to remind attention to detail	Complete Corrective Action	11/01/94
HQ-94-019	07/19/94	SC	1) No objective evidence that design verification occurred per QAP-3-2 reqmts; 2) Design Input Data Request form not used; 3) Block 9 blank; 4) Design Input Data not identified as "Verification Pending"	P. Hastings (M&O)	Revise QAP 3-12 and train personnel	Complete Corrective Action	12/31/94
HQ-94-020	07/19/94	-	QAP-3-5, Rev. 5 does not address control of approved technical documents that are not baselined	S. Bailey (M&O)	Revise QAP 3-5	Verification Scheduled	10/14/94

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

Enclosure 2

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
SNL							
HQ-94-001	12/20/93	-	1) CSDP organization chart inadequacies; 2) CSDP lacks evidence of reporting & tracking system	T. Mills (SNL)	Procedures (CSDP PD 1.3) will be modified to reflect current organization & implementation of reporting & tracking system	Complete Corrective Action	10/14/94
HQ-94-002	12/20/93	Yes	1) CSDP QA Manual not current and several CSDP QA Program inadequacies	M. Brady (SNL)	Develop and update PDs	Complete Corrective Action	10/14/94
HQ-94-003	12/20/93	Yes	1) Lack of CSDP QA audits and surveillances	T. Mills (SNL)	Audit & surveillance schedules will be added to CSDP PD 1.3	Complete Corrective Action	10/14/94

YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION
MONTHLY CORRECTIVE ACTION REQUEST STATUS REPORT
FOR SEPTEMBER 1994

Enclosure 3

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
LANL							
YM-94-078	08/25/94	-	Deficiencies in QA Records Packages	LANL Canepa	QA records packages to be corrected	Issue response acceptance letter	
YM-94-079	08/25/94	-	Deficiency in Procedure for Calibration of PH Meters	LANL Canepa	Procedure to be revised	Issue response acceptance letter	
YM-94-080	08/25/94	-	Deficiencies in the approved Procurement Procedure	LANL Canepa	Procurement procedure will be revised	Complete corrective action	12/30/94
YM-94-081	08/25/94	-	Deficiencies in data recorded in scientific notebooks	LANL Canepa	Data to be reviewed and labeled.	Complete corrective action	11/18/94
YM-94-082	08/25/94	-	Noncompliance with procedure for the Designed Software Programs	LANL Canepa	Traceability will be verified and records packages will be corrected	Complete corrective action	10/31/94
YM-94-083	08/25/94	-	Improper identification of data	LANL Canepa		Provide response	10/03/94
LLNL							
YM-91-056	06/24/91	2	Procedures issued w/o meeting requirements of QAPP	LLNL Clarke	Revise QP 2.1 and QAPP	Issue CAR closure letter	
YM-94-084	09/02/94	-	Improper identification of data	LLNL Clarke		Provide response	10/03/94
YM-94-102	09/30/94	-	Results of Management Assessment not documented	LLNL Clarke		Provide response	10/28/94

YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION
MONTHLY CORRECTIVE ACTION REQUEST STATUS REPORT
FOR SEPTEMBER 1994

Enclosure 3

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
REEC _o							
YM-94-104	10/03/94	SC	Inadequate procedures for material identification and storage	REEC _o Koss		Provide response	10/27/94
RW-3.1							
YM-94-060	07/29/94	-	Insufficient documented evidence to substantiate the qualification of personnel performing quality-affecting activities	OQA Horton	Records for QATSS personnel will be completed	Complete corrective action	12/31/94
SNL							
YM-94-077	09/02/94	-	Identification and traceability of data	SNL Shephard		Provide response	10/03/94
YM-94-087	09/13/94	SC	Inadequate information on SNL CARs	SNL Shephard		Provide response	10/11/94
YM-94-088	09/13/94	-	Work agreements did not contain required information	SNL Shephard		Provide response	10/11/94
YM-94-089	09/13/94	-	Calculations not conducted in accordance with QAIP 02-04	SNL Shephard		Provide response	10/11/94
YM-94-090	09/13/94	-	Quarterly QA Program reports not properly distributed and late	SNL Shephard		Provide response	10/11/94

YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION
MONTHLY CORRECTIVE ACTION REQUEST STATUS REPORT
FOR SEPTEMBER 1994

Enclosure 3

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
SNL (Continued)							
YM-94-091	09/13/94	-	Conditions adverse to quality misidentified as observations	SNL Shephard		Provide response	10/11/94
YM-94-092	09/13/94	-	Failure to demonstrate evaluation of maintenance of proficiency	SNL Shephard		Provide response	10/11/94
YM-94-093	09/13/94	-	Procurement records are not being forwarded to the CRF as required	SNL Shephard		Provide response	10/11/94
YM-94-094	09/13/94	-	Missing records in dual storage	SNL Shephard		Provide response	10/11/94
YM-94-095	09/13/94	-	Status of quality not contained in publications	SNL Shephard		Provide response	10/11/94
YM-94-096	09/13/94	-	Inadequate detail in SNL QAIPs	SNL Shephard		Provide response	10/11/94
YM-94-097	09/13/94	-	SNL acceptance of incomplete calibration certifications	SNL Shephard		Provide response	10/11/94
YM-94-098	09/13/94	-	Calibration certifications formed to be incomplete	SNL Shephard		Provide response	10/11/94
YM-94-099	09/13/94	-	Inadequate documentation in scientific notebooks	SNL Shephard		Provide response	10/11/94

**YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION
MONTHLY CORRECTIVE ACTION REQUEST STATUS REPORT
FOR SEPTEMBER 1994**

Enclosure 3

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
T&MSS							
YM-94-040	05/27/94	-	Personnel not trained prior to performing quality-affecting activities	SAIC/TMSS Voegelé	Modify document comment form to provide certification of training prior to completion of form.	Schedule verification	
TRW							
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.	Perform verification	10/31/94
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.	Complete corrective action	11/30/94
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	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-94-015	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.	Complete corrective action	10/31/94

YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION
MONTHLY CORRECTIVE ACTION REQUEST STATUS REPORT
FOR SEPTEMBER 1994

Enclosure 3

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
TRW (Continued)							
YM-94-051	07/13/94	-	Quality Assurance Program is not being adequately applied to advanced conceptual design	TRW Foust	Re-evaluation of design activities	Reschedule verification	
YM-94-052	07/13/94	SC	Errors and omissions were found in the document review record for the design review of Package 1B	TRW Foust		Provide amended response	10/18/94
YM-94-053	07/13/94	SC	Various design verification documentation related to the design review was not available or not generated for Design Package 1B	TRW Foust		Provide amended response	10/03/94
YM-94-054	07/13/94	-	Technical document was approved and issued without identifying a TBV	TRW Foust	Revise technical document; provide training	Complete corrective action	10/31/94
YM-94-055	07/13/94	-	Inappropriate M&O approval sheet was used. Raytheon Services' specifications have not been revised to show the M&O as the A/E of record	TRW Foust	Procedures/specifications will be revised	Complete corrective action	10/28/94
YM-94-056	07/13/94	SC	ILP's not prepared in accordance with QAP-5.2	TRW Foust	ILPs to be reviewed/corrected	Complete corrective action	11/01/94
YM-94-057	07/13/94	SC	Problem reports not integrated into configuration management system	TRW Foust	Problem reports submitted to Configuration Manager	Perform verification	10/10/94

YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION
MONTHLY CORRECTIVE ACTION REQUEST STATUS REPORT
FOR SEPTEMBER 1994

Enclosure 3

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
TRW (Continued)							
YM-94-058	07/13/94	-	Reviews for ESF basis for design documentation not completed as required	TRW Foust	Impact review will be completed	Complete corrective action	10/31/94
YM-94-062	08/05/94	-	Origination, modification and review specifications	TRW Foust	Specifications to be corrected	Complete corrective action	01/31/95
YM-94-063	08/05/94	-	Approval signatures missing from design output documents	TRW Foust	Documents to be corrected; training to be provided	Complete corrective action	01/31/95
YM-94-064	08/05/94	SC	Activities for "Q" items designated "Non-Q"	TRW Foust	Drawings/procedures to be revised	Complete corrective action	10/30/94
YM-94-065	08/05/94	SC	Improper checking of specifications and drawings	TRW Foust	Design products to be revised; training to be provided	Complete corrective action	01/31/95
YM-94-066	08/05/94	SC	Controls identified in TIE not incorporated into DIE	TRW Foust	Review impacts of unimplemented controls; revise NLP-3-16	Complete corrective action	12/30/94
YM-94-067	08/05/94	SC	Specifications not identified as "Q" as required	TRW Foust	Specifications, drawings and Q-List to be revised	Complete corrective action	12/30/94
YM-94-068	08/05/94	SC	WIE not prepared and approved in accordance with procedures	TRW Foust	Reissue WIE; revise QAP 3-5	Complete corrective action	10/31/94
YM-94-069	08/05/94	SC	Design inputs not being controlled as required	TRW Foust	Revise specifications; provide training	Complete corrective action	09/30/94
YM-94-070	08/05/94	-	Procedures do not reflect QARD requirements	TRW Foust	Review/revise procedures	Complete corrective action	12/30/94

YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION
MONTHLY CORRECTIVE ACTION REQUEST STATUS REPORT
FOR SEPTEMBER 1994

Enclosure 3

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
TRW (Continued)							
YM-94-071	08/05/94	-	Traceability matrix incomplete	TRW Foust	Check and revise BFD, Appendix B.	Complete corrective action	01/15/95
YM-94-072	08/05/94	-	Rationale for making assumptions and selecting data not documented	TRW Foust	Analysis will be revised and checked; training to be provided.	Complete corrective action	09/30/94
YM-94-073	08/05/94	SC	Design validation not performed as required	TRW Foust		Evaluate amended response	10/04/94
YM-94-075	08/05/94	SC	Appropriate standards not identified in design documents	TRW Foust		Issue response extension letter	
YM-94-076	08/05/94	-	Evaluation of software not documented as required	TRW Foust	Evidence of calculation verification will be provided; procedure to be revised.	Complete corrective action	12/30/94
YM-94-103		SC	Inadequate procedures submitted and approved	TRW Foust		Issue CAR	YM-94-073
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.	Issue closure letter	

**YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION
MONTHLY CORRECTIVE ACTION REQUEST STATUS REPORT
FOR SEPTEMBER 1994**

Enclosure 3

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
USGS (Continued)							
YM-94-043	07/05/94	-	Scientific investigations performed without using scientific notebook or procedure.	USGS Hayes	Grading reports will be revised or rescinded and notebooks for procedures will be used	Complete corrective action	10/08/94
YM-94-045	07/05/94	-	User documentation not on file for software	USGS Hayes	Software withdrawn from Configuration Management	Schedule verification	
YM-94-046	07/05/94	SC	Conditions adverse to quality not identified on deficiency documents	USGS Hayes	QMPs to be revised; issues formally tracked to resolution.	Complete corrective action	10/01/94
YM-94-047	07/05/94	-	Comment resolution did not involve independent technical reviewer	USGS Hayes	Procedure to be modified to ensure reviewer independence	Complete corrective action	10/17/94
YM-94-048	07/05/94	-	QARD requirements for control of samples not incorporated into procedures	USGS Hayes	A schedule for review of technical procedures will be provided	Complete corrective action	11/01/94
YM-94-049	07/05/94	-	Trending procedure does not contain criteria	USGS Hayes	Procedure will be modified to include criteria for trend identification	Complete corrective action	10/15/94
YM-94-050	07/05/94	SC	Procurement procedures do not include QARD requirements; implementation does not provide for acceptable products or services.	USGS Hayes		Provide amended response	09/30/94

YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION
MONTHLY CORRECTIVE ACTION REQUEST STATUS REPORT
FOR SEPTEMBER 1994

Enclosure 3

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
YMQAD							
YM-94-059	07/28/94	-	Position qualification statements not completed prior to performing Quality Affecting work	YMQAD Spence	Position qualification statements completed; training to be provided.	Complete corrective action	11/01/94
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	12/30/94
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.	Evaluate corrective action extension request	10/03/94
YM-94-012	12/29/93	-	Ground support system for drilling blast section of the ESF added to the Q-List without required documentation	YMSCO Nelson	Revise AP-6.17Q to clarify classification methods.	Evaluate corrective action extension request	10/06/94
YM-94-019	02/28/94	-	Not submitting completed Job Package records to the DRC	YMSCO Nelson	Submit completed construction records to DRC and issue ICN to clarify submittal requirements.	Schedule verification	
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.	Evaluate corrective action extension request	10/07/94

**YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION
MONTHLY CORRECTIVE ACTION REQUEST STATUS REPORT
FOR SEPTEMBER 1994**

Enclosure 3

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
YMSCO (Continued)							
YM-94-023	03/09/94	-	Physical protection not provided for boreholes to prevent impact on data collection	YMSCO Nelson	Plans for securing boreholes being coordinated	Complete corrective action	07/31/95
YM-94-030	04/12/94	-	TPP Records Packages not submitted to the LRC	YMSCO Nelson	Records packages to be submitted to LRC.	Verification scheduled	10/07/94
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.	Perform verification	10/14/94
YM-94-033	05/17/94	SC	Control of Tracers, Fluids, and Materials (TFMs) are not prescribed in implementing documents	YMSCO Nelson	Procedures to be developed; training to be provided	Complete corrective action	02/28/95
YM-94-035	05/17/94	-	No transitioning planning documents nor a Technical Directive (TD) for control of TFMs	YMSCO Nelson	New technical directives will be issued as required	Verification scheduled	10/04/94
YM-94-036	05/17/94	-	TFMs are not classified as technical data	YMSCO Nelson	TFM information to be maintained in database	Complete corrective action	10/31/94
YM-94-037	05/17/94	SC	Notification was not accomplished regarding TFMs	YMSCO Nelson	Test Planning Packages will be modified	Complete corrective action	01/30/95

YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION
MONTHLY CORRECTIVE ACTION REQUEST STATUS REPORT
FOR SEPTEMBER 1994

Enclosure 3

CAR NUMBER	ISSUE DATE	SEVERITY	ADVERSE CONDITION	CORRECTIVE ACTION RESPONSIBILITY	CORRECTIVE ACTION DESCRIPTION	NEXT ACTION	NEXT ACTION DUE DATE
YMSCO (Continued)							
YM-94-038	05/17/94	-	Control and limits of TFM's were not specified in Test Planning Packages and Job Packages	YMSCO Nelson	Test Planning Packages will be modified	Complete corrective action	01/30/95
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.	Issue unsatisfactory verification letter	
YM-94-042	06/30/94	-	Inadequate training and training deficiencies	YMSCO Nelson	Delinquency notices issued; procedures to be clarified.	Complete corrective action	10/03/94
YM-94-061	08/09/94	-	Specification of effective dates on procedures.	YMSCO Nelson		Issue corrective action extension letter	
YM-94-085	09/09/94	-	Work performed without proper authorization	YMSCO Nelson		Provide response	10/07/94
YM-94-086	09/09/94	-	Design changes made by other than the approving organization	YMSCO Nelson		Provide response	10/07/94
YM-94-100	09/13/94	SC	A lack of adequate flow down and traceability of 10CFR60 requirements to the ESFDR	YMSCO Nelson		Provide response	10/11/94
YM-94-101	09/23/94	-	Unqualified data identified as qualified in technical data base	YMSCO Nelson		Provide response	10/21/94
YM-94-105		-	Job package documentation not submitted to DRC	YMSCO Nelson		Issue CAR	