



Department of Energy
Office of Civilian Radioactive Waste Management
Yucca Mountain Site Characterization Office
P.O. Box 98608
Las Vegas, NV 89193-8608

DEC 05 1995

L. Dale Foust
Technical Project Officer
for Yucca Mountain
Site Characterization Project
TRW Environmental Safety Systems, Inc.
Bank of America Center, Suite P-110
101 Convention Center Drive
Las Vegas, NV 89109

VERIFICATION OF CORRECTIVE ACTION AND CLOSURE OF DEFICIENCY
REPORT (DR) YMQAD-95-D004 RESULTING FROM YUCCA MOUNTAIN QUALITY
ASSURANCE DIVISION'S (YMQAD) AUDIT YM-ARP-95-16 OF THE CIVILIAN
RADIOACTIVE WASTE MANAGEMENT SYSTEM MANAGEMENT AND OPERATING
CONTRACTOR (SCPB: N/A)

The YMQAD staff has verified the corrective action to DR
YMQAD-95-D004 and determined the results to be satisfactory.
As a result, the DR is considered closed.

If you have any questions, please contact either Robert B.
Constable at 794-7945 or Patrick V. Auer at 295-9185.

Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:RBC-674

Enclosure:
YMQAD-95-D004

cc w/encl:
T. A. Wood, HQ (RW-14) FORS
J. G. Spraul, NRC, Washington, DC
S. W. Zimmerman, NWPO, Carson City, NV
R. L. Strickler, M&O, Vienna, VA
R. P. Ruth, M&O, Las Vegas, NV

cc w/o encl:
D. G. Sult, YMQAD/QATSS, Las Vegas, NV
W. L. Belke, NRC, Las Vegas, NV

110067

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wm-11
102-7

**OFFICE OF CIVILIAN
RADIOACTIVE WASTE MANAGEMENT
U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.**

8 Performance Report
 Deficiency Report
NO. YHQAD-95-D-004
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PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document:
QARD and QAP 2-0, "Control of Activities."

2 Related Report No.
YM-ARP-95-16

3 Responsible Organization:
CRWMS M&O

4 Discussed With:
Hugh Benton, Tom Doering

5 Requirement/Measurement Criteria:

1. QARD Para. 2.2.3.F "...quality assurance controls (grading) shall be applied to the degree commensurate with the 1) function or end use of the item, 2) consequence of failure..."
2. QARD Para. 3.1 "This section provides requirements to ensure that designs (from conceptual through final) are defined, controlled, and verified."
3. QAP-2-0 Para. 5.2.A.2 "If the activity must proceed prior to the item being evaluated in accordance with QAP-2-3, assume the item will be subject to QARD requirements."

6 Description of Condition:

1. None of the design analysis that will be resulting from waste package Advanced Conceptual Design activities will be subject to QARD requirements based on CRWMS M&O QAP-2-0 Evaluation forms. The rationale for this determination is contained on QAP-2-0 Evaluation forms and does not reflect consideration of the requirements of QARD Paras. 2.2.3.F and 3.1. The same Evaluation forms are being used for the next phase of Waste Package design activities, Preliminary Design.
2. Shielding analyses have been completed for the waste package transporter. The QAP-2-0 Evaluation form (BB0000000-01717-2200-00026) indicates the analyses are not subject to QARD controls because, in part, the transporter is not on the Q-List or otherwise subject to the QARD. A QAP-2-3 Evaluation has not yet been completed for the transporter.

7 Initiator

Marc J. Meyer

John R Matras Jr
Date 8/2/95

9 QA Review

QAR

John R Matras
Date 8/2/95

10 Response Due Date

20 Working Days From Issuance

11 QA Issuance Approval

QAR (PRI)/AOQAM (DRI)

R.P. [Signature]
Date 8.2.95

12 Remedial Actions:

SEE RESPONSE ON P.3 OF 3

13 Remedial Action Response By:

Date 8/30/95

14 Remedial Action Due Date

OCTOBER 6, 1995

Date

15 Remedial Action Response Acceptance

QAR

John R Matras
Date 8/31/95

16 PR Verification/Closure

QAR

N/A

Date

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17 Recommended Actions:
Update evaluation forms as appropriate.

18 Investigative Actions:
SEE RESPONSE ON P. 3 OF 3

19 Root Cause Determination:
SEE RESPONSE ON P.3 OF 3

20 Action to Preclude Recurrence:
SEE RESPONSE ON P.3 OF 3

21 Response by: <i>[Signature]</i> Date <i>8/30/95</i>	22 Corrective Action Completion Due Date: <i>OCTOBER 6, 1995</i>
23 Response Accepted QAR <i>John R Matras</i> Date <i>8/31/95</i>	24 Response Accepted AOQAM <i>[Signature]</i> Date <i>9-5-95</i>
25 Amended Response Accepted QAR <i>John R Matras</i> Date <i>9/26/95</i>	26 Amended Response Accepted AOQAM <i>[Signature]</i> Date <i>9/28/95</i>
27 Corrective Actions Verified QAR <i>[Signature]</i> Date <i>10/17/95</i>	28 Closure Approved by: AOQAM <i>[Signature]</i> Date <i>12-5-95</i>

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NO. LVMO-95-D-004

PAGE 1/3 OF 1/3 QA: L/B 50-9

PR/DR CONTINUATION PAGE

Continuation of Block 12 (Remedial Actions):

1. All Waste Package Development Department QAP-2-0 evaluations will be reviewed and revised as necessary, to insure that QARD control of activities related to MGDS Q-List items is applied properly.
2. Waste Package Development Department activities which include scoping analyses will be reevaluated to determine QARD applicability.

Continuation of Block 18 (Investigative Actions):

1. All Waste Package Development Department QAP-2-0 evaluations have been reviewed and revised as necessary to insure proper QARD control of activities related to MGDS Q-List items.
2. Waste Package Development Department activities which include scoping analyses have been reevaluated to determine QARD applicability.
3. A review of QAP-2-0, Control of Activities, REV 02, reveals that further clarification of what constitutes being "related" to an item on the WAST/MGDS Q-List would be helpful to the user of QAP-2-0. The scope of QAP-2-0 shall meet QARD requirements addressing scoping analyses. A Procedure Action Request for QAP-2-0 will be submitted which will expand on these recommendations.
4. The shielding analysis in question will be evaluated to determine whether its validity is impacted by the revised QAP-2-0 evaluation.

Continuation of Block 19 (Root Cause Determination):

No root cause determination based on investigative actions.

Continuation of Block 20 (Action to Preclude Recurrence):

1. All applicable QAP-2-0 evaluations have been revised to reflect that activities which include scoping analyses will be subject to QARD control. This action will preclude the recurrence of this deficiency.

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RADIOACTIVE WASTE MANAGEMENT
U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.

8 Performance Report
 Deficiency Report

NO. LVMO-95-D-004
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QA: L

PR/DR CONTINUATION PAGE

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1. All Waste Package Development Department QAP-2-0 evaluations have been reviewed and revised as necessary to insure proper QARD control of activities related to MGDS Q-List items.
2. Waste Package Development Department activities which include scoping analyses have been reevaluated to determine QARD applicability.
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4. The shielding analyses in question have not been signed off to indicate completion and have been stopped indefinitely due to budget constraints. As a result of this, no direct or indirect design input will result from the shielding analyses.

Continuation of Block 19 (Root Cause Determination):

No root cause determination based on investigative actions.

Continuation of Block 20 (Action to Preclude Recurrence):

1. All applicable QAP-2-0 evaluations have been revised to reflect that activities which include scoping analyses will be subject to QARD control. This action will preclude the recurrence of this deficiency.

This contradicts what was previously stated

OBJECTIVE EVIDENCE

DEFICIENCY REPORT

YMQAD-95-D-004

QAP-2-0 Evaluations of Scoping Analyses Activities

**A. O. Thompson
M&O/WPD
October 6, 1995
702-794-7283**

10/6/95

INDEX
YMQAD-95-D-004

1. **Deficiency Report YMQAD-95-D-004 / Pages 1 of 3 thru 3 of 3, Dated 8/2/95 by Marc J. Meyer**
2. **Objective Evidence (Revised QAP-2-0 Evaluations)**

The following QAP-2-0 Evaluations were revised after a review of all Waste Package Development Department QAP-2-0 Evaluations determined that question one of block II was answered "no" inappropriately.

BB0000000-01717-2200-00026 REV 01 Perform Criticality, Thermal, Structural, and Shielding Scoping Analyses

BB0000000-01717-2200-00031 REV 01 Perform Probabilistic Waste Package Concept Scoping Analyses

3. **Procedure Action Requests for QAP-2-0 (8/17/95) and transmittal letter dated August 18, 1995.**

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COPY**

I. Description of Activity (by task, as necessary)

Activity Title (See Description block below)	Document Identifier (including Revision No.) BB0000000-01717-2200-0026 REV 01	Date 8/21/95
<p>Description:</p> <p>Activity Title: Perform Criticality, Thermal, Structural, and Shielding Scoping Analyses SCPB: N/A</p> <p>This activity covers the work required to conduct criticality, thermal, structural, and shielding scoping analyses for the purpose of investigating variations from baseline configurations or other similar purposes. Results of the analyses will be used to assess the feasibility of alternative configurations, and to respond to internal and external requests for information.</p> <p>This activity is related to items on the MGDS Q-List, however, the products produced by this activity will not be used as qualified input into products subject to QARD requirements (i.e., QA specifications, QA drawings, QA analysis, etc.) without being identified as unverified in accordance with the M&O QA program.</p> <p>A scoping analysis may involve developing analytical capability or testing an analytic approach. Unqualified software (or software for which verification and validation activities have not been completed) may be used for these activities.</p> <p>Result of QA Assessment: Subject to QARD Controls; Applicable as identified in Block III</p>		

Document Identifier (including Revision No.)
BB0000000-01717-2200-00026 REV 01

II. Evaluation of Activity

- | | | |
|---|-------------------------------------|--------------------------|
| 1. Is the activity related to an item listed on the WAST/MGDS Q-list or an item otherwise assumed to be subject to QARD requirements (e.g., design, procurement, construction, fabrication, production, handling, packaging, shipping, storing, cleaning, assembly, inspection, testing, operation, maintenance, repair, modification, decontamination, dismantling, decommissioning, permanent closure)? | Yes | No |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Rationale:

The activity is related to an item on the MGDS Q-List and is subject to the QARD requirements listed on page 3. The activity is not subject to Design Control procedures because the activity will not be used to provide input to items on the Q-List or an item otherwise subject to QARD requirements. Internal and external requests for preliminary and scoping information produce data/results that will not be considered qualified. Results of this activity may not be used as qualified inputs, and when used, must be identified as unqualified data/results per applicable procedure.

- | | | |
|---|--------------------------|-------------------------------------|
| 2. Is the activity related to site characterization sample collection or analysis of data used to support performance confirmation or performance assessment? | Yes | No |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Rationale:

This activity is not related to site characterization sample collection or analysis of data used to support performance confirmation or performance assessment.

- | | | |
|--|--------------------------|-------------------------------------|
| 3. Can the activity adversely impact the waste isolation function of the natural or engineered barriers or impact site characterization results (for MGDS only)? | Yes | No |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Rationale:

This activity cannot adversely impact the waste isolation function of the natural or engineered barriers or impact site characterization results.

- | | | |
|--|-------------------------------------|--------------------------|
| 4. Is the activity (or does the activity include) QARD-required support (e.g. training, procedure development, document control, records management, QA functions, etc.) of other activities subject to QARD requirements? | Yes | No |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Rationale:

This activity may include QARD-required support of other activities subject to QARD requirements, such as document control and records management.

If the answer to any of the above questions is "yes," the activity is subject to QARD requirements

Document Identifier (including Revision No.)
BB0000000-01717-2200-00026 REV 01

III. Application of Controls (Selection of Procedures for work subject to QARD requirements per Section II)

QARD Section		Applicable Procedures (Revision No. Not Required)
1	Organization	QAP-1-0*, 1-1*
2	QA Program	QAP-2-0*, 2-1*, 2-2*
3	Design Control	
4	Procurement Document Control	
5	Implementing Documents	
6	Document Control	
7	Control of Purchased Items and Services	
8	Identification and Control of Items	
9	Control of Special Processes	
10	Inspection	
11	Test Control	
12	Control of Measuring and Test Equipment	
13	Handling, Storage, and Shipping	
14	Inspection, Test, and Operating Status	
15	Nonconformances	
16	Corrective Action	^{6.02 8-21-95} AP-16.10, 16.20 QAP-16-1*, 16-2*
17	QA Records	QAP-17-1*
18	Audits	
Supp I	Software	
Supp II	Sample Control	
Supp III	Scientific Investigation	
Supp IV	Field Surveying	

IV. New or revised procedures required for conduct of this activity? Yes No
(If "yes," refer to QAP-5-1 or QAP-5-2 as applicable)

Responsible Manager Hugh A. Benton	Date 8/23/95	Approved by <i>[Signature]</i>	Date 8/30/95
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**UNCONTROLLED
COPY**

I. Description of Activity (by task, as necessary)

Activity Title (See Description block below)	Document Identifier (including Revision No.) BB0000000-01717-2200-00031 REV 01	Date 8/21/95
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Description:

Activity Title: Perform Probabilistic Waste Package Concept Scoping Analyses SCPB: N/A

This activity entails performing scoping statistical analysis of potential failure mechanisms of components of waste package designs and the consequences of their failure. The activity also includes containment failure scoping analyses of waste package concepts.

The products produced by this activity will not be used as qualified input into products subject to QARD requirements (i.e., QA specifications, QA drawings, QA analysis, etc.) without being identified as unverified in accordance with the M&O QA program.

A scoping analysis may involve developing analytical capability or testing an analytic approach. Unqualified software (or software for which verification and validation activities have not been completed) may be used for these activities.

Result of QA Assessment: Subject to QARD Controls; Applicable as identified in Block III

Document Identifier (including Revision No.)
BB0000000-01717-2200-00031 REV 01

II. Evaluation of Activity

- | | | |
|---|-------------------------------------|--------------------------|
| 1. Is the activity related to an item listed on the WAST/MGDS Q-list or an item otherwise assumed to be subject to QARD requirements (e.g., design, procurement, construction, fabrication, production, handling, packaging, shipping, storing, cleaning, assembly, inspection, testing, operation, maintenance, repair, modification, decontamination, dismantling, decommissioning, permanent closure)? | Yes | No |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Rationale:

The activity is related to an item on the MGDS Q-List and is subject to the QARD requirements listed on page 3. The activity is not subject to Design Control procedures because the activity will not be used to provide input to items on the Q-List or an item otherwise subject to QARD requirements. Internal and external requests for preliminary and scoping information produce data/results that will not be considered qualified. Results of this activity may not be used as qualified inputs, and when used, must be identified as unqualified data/results per applicable procedure.

- | | | |
|---|--------------------------|-------------------------------------|
| 2. Is the activity related to site characterization sample collection or analysis of data used to support performance confirmation or performance assessment? | Yes | No |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Rationale:

This activity is not related to site characterization sample collection or analysis of data used to support performance confirmation or performance assessment. The scoping risk analysis is for informational purposes only.

- | | | |
|--|--------------------------|-------------------------------------|
| 3. Can the activity adversely impact the waste isolation function of the natural or engineered barriers or impact site characterization results (for MGDS only)? | Yes | No |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Rationale:

This activity cannot adversely impact the waste isolation function of the natural or engineered barriers or impact site characterization results. The scoping risk analysis is for informational purposes only.

- | | | |
|--|-------------------------------------|--------------------------|
| 4. Is the activity (or does the activity include) QARD-required support (e.g. training, procedure development, document control, records management, QA functions, etc.) of other activities subject to QARD requirements? | Yes | No |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Rationale:

This activity may include QARD-required support of other activities subject to QARD requirements, such as records management

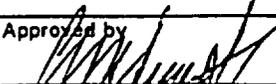
If the answer to any of the above questions is "yes," the activity is subject to QARD requirements

Document Identifier (including Revision No.)
BB0000000-01717-2200-00031 REV 01

III. Application of Controls (Selection of Procedures for work subject to QARD requirements per Section II)

QARD Section		Applicable Procedures (Revision No. Not Required)
1	Organization	QAP-1-0*, 1-1*
2	QA Program	QAP-2-0*, 2-1*, 2-2*
3	Design Control	
4	Procurement Document Control	
5	Implementing Documents	
6	Document Control	
7	Control of Purchased Items and Services	
8	Identification and Control of Items	
9	Control of Special Processes	
10	Inspection	
11	Test Control	
12	Control of Measuring and Test Equipment	
13	Handling, Storage, and Shipping	
14	Inspection, Test, and Operating Status	
15	Nonconformances	
16	Corrective Action	Q.O.P. 8-21-95 AP-16.1Q, 16.2Q QAP-16-1*, 16-2*
17	QA Records	QAP-17-1*
18	Audits	
Supp I	Software	
Supp II	Sample Control	
Supp III	Scientific Investigation	
Supp IV	Field Surveying	

IV. New or revised procedures required for conduct of this activity? Yes No
(If "yes," refer to QAP-5-1 or QAP-5-2 as applicable)

Responsible Manager Hugh A. Benton	Date 8/23/95	Approved by 	Date 8/30/95
---------------------------------------	-----------------	---	-----------------

Interoffice Correspondence
Civilian Radioactive Waste Management System
Management & Operating Contractor



TRW Environmental
Safety Systems Inc.

WBS: 1.2.2.3

QA: N/A

Subject:

PAR to QAP-2-0, Rev. 02
(SCPB: N/A)

Date:

August 18, 1995
LV.WP.RHB.08/95-272

From:

R.H.Bahney III 

To:

T.C.Geer, TES3/423

cc:

H.A.Benton, TES3/423
T.W.Doering, TES3/423
P.S.Hastings, TES3/423
A.M.Segrest, TES3/423
W.E.Wallin, TES3/423
File: CF-RHB
Quality Assurance
RPC, TES3/423

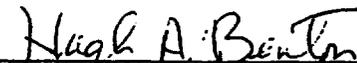
Location/Phone

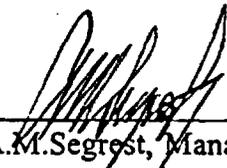
TES3/527
(702) 794-5337

Enclosed are two Procedure Action Requests (PARs) submitted to you per QAP-5-1, Rev. 04, paragraph 5.1.B. If you have any questions, please call me at the number above.

Enclosures:

Procedure Action Request, QAP-2-0, Attachment I, Section II (1 page)
Procedure Action Request, QAP-2-0, Section 2 (1 page)

Concur: 
H.A.Benton, Manager of Waste Package Development

Concur: 
A.M.Segrest, Manager of MGDS Development

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PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document: QARD and QAP 2-0, "Control of Activities." 2 Related Report No. YM-ARP-95-16

3 Responsible Organization: CRWMS M&O 4 Discussed With: Hugh Benton, Tom Doering

- 5 Requirement/Measurement Criteria:
1. QARD Para. 2.2.3.F "...quality assurance controls (grading) shall be applied to the degree commensurate with the 1) function or end use of the item, 2) consequence of failure..."
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 3. QAP-2-0 Para. 5.2.A.2 "If the activity must proceed prior to the item being evaluated in accordance with QAP-2-3, assume the item will be subject to QARD requirements."

6 Description of Condition:

1. None of the design analysis that will be resulting from waste package Advanced Conceptual Design activities will be subject to QARD requirements based on CRWMS M&O QAP-2-0 Evaluation forms. The rationale for this determination is contained on QAP-2-0 Evaluation forms and does not reflect consideration of the requirements of QARD Paras. 2.2.3.F and 3.1. The same Evaluation forms are being used for the next phase of Waste Package design activities, Preliminary Design.
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7 Initiator: *John R Matras Jr* Date *8/2/95* 9 QA Review: *John R Matras Jr* Date *8/2/95*
 Marc J. Meyer OAR: *John R Matras Jr*

10 Response Due Date: 20 Working Days From Issuance 11 QA Issuance Approval: *R. R. ...* Date *8.2.95*
 OAR (PRI)/AOQAM (DRI)

12 Remedial Actions:
SEE RESPONSE ON P.3 OF 3

13 Remedial Action Response By: *[Signature]* Date *8/30/95* 14 Remedial Action Due Date: *OCTOBER 6, 1995* Date

15 Remedial Action Response Acceptance: OAR Date 16 PR Verification/Closure: OAR Date

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 U.S. DEPARTMENT OF ENERGY
 WASHINGTON, D.C.

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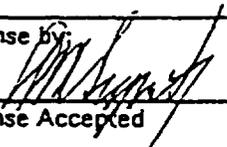
DEFICIENCY REPORT

17 Recommended Actions:
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 - SEE RESPONSE ON P. 3 OF 3

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 - SEE RESPONSE ON P. 3 OF 3

20 Action to Preclude Recurrence:
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21 Response by:  Date 8/30/95	22 Corrective Action Completion Due Date: OCTOBER 6, 1995
23 Response Accepted QAR Date	24 Response Accepted AOQAM Date
25 Amended Response Accepted QAR Date	26 Amended Response Accepted AOQAM Date
27 Corrective Actions Verified QAR Date	28 Closure Approved by: AOQAM Date

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RADIOACTIVE WASTE MANAGEMENT
U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.

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NO. LVMO-95-D-004

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PR/DR CONTINUATION PAGE

Continuation of Block 12 (Remedial Actions):

1. All Waste Package Development Department QAP-2-0 evaluations will be reviewed and revised as necessary, to insure that QARD control of activities related to MGDS Q-List items is applied properly.
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No root cause determination based on investigative actions.

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1. All applicable QAP-2-0 evaluations have been revised to reflect that activities which include scoping analyses will be subject to QARD control. This action will preclude the recurrence of this deficiency.

Interoffice Correspondence
Civilian Radioactive Waste Management System
Management & Operating Contractor



TRW Environmental
Safety Systems Inc.

WBS: 1.2.2.3

QA: N/A

Subject:

PAR to QAP-2-0, Rev. 02
(SCPB: N/A)

Date:

August 18, 1995
LV.WP.RHB.08/95-272

From:

R.H. Bahney III 

To:

T.C. Geer, TES3/423

cc:

H.A. Benton, TES3/423
T.W. Doering, TES3/423
P.S. Hastings, TES3/423
A.M. Segrest, TES3/423
W.E. Wallin, TES3/423
File: CF-RHB
Quality Assurance
RPC, TES3/423

Location/Phone

TES3/527
(702) 794-5337

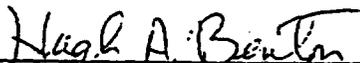
Enclosed are two Procedure Action Requests (PARs) submitted to you per QAP-5-1, Rev. 04, paragraph 5.1.B. If you have any questions, please call me at the number above.

Enclosures:

Procedure Action Request, QAP-2-0, Attachment I, Section II (1 page)

Procedure Action Request, QAP-2-0, Section 2 (1 page)

Concur:



H.A. Benton, Manager of Waste Package Development

Concur:



A.M. Segrest, Manager of MGDS Development

SECTION I - Action Request

1. Procedure Title CONTROL OF ACTIVITIES		2. Procedure No. QAP-2-0		3. Revision R02	
4. Type of Action Requested <input type="checkbox"/> Develop New Document <input checked="" type="checkbox"/> Revise Existing Document <input type="checkbox"/> Cancel Document					
5. Description of Action Requested Modify Section 2 (Scope), Items D. and E. to read: D. Project control activities such as financial, resource, and schedule planning and monitoring. E. Oral and written reports of work status (eg., weekly reports, monthly reports, presentations, etc.).			6. Reason for Change Combine current Items D and E and restrict the intended scope to generally exclude all project control activities (not just finance and work force scheduling). Expand the list of excluded activities to encompass status reports and status presentations.		
7. Requested By: (Print Name) Robert H. Bahney III <i>RHB</i>		Date: 08/17/95	Organization: Waste Package Development		Phone: (702) 794-5337

SECTION II - Action Initiation

8. Documents Affected QARD Requirements Matrix			
9. Request <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected	10. Editorial Revision <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	11. Action Required <input type="checkbox"/> Develop <input checked="" type="checkbox"/> Revise <input type="checkbox"/> Cancel	12. Priority <input checked="" type="checkbox"/> Hold <input type="checkbox"/> Process
13. Name of Author Assigned Peter Hastings			
14. Comments Hold pending resolution ^{verification of HQ-94-05;} of other PARs & CAPs - <i>est'd. mid-October 1995.</i> <i>10/10/95</i>			
15. Responsible Manager Name THOMAS C. GERR		Signature <i>Thomas C. Gerr</i>	Date 11 OCT 95
16. QA Manager Name <i>D.J. Gilstrap</i> ^{10/11/95} D. J. Gilstrap		Signature <i>D.J. Gilstrap</i>	Date 10-11-95

SECTION III - Action Review

17. Recommended Indoctrination/Training <input type="checkbox"/> Read <input type="checkbox"/> Classroom <input type="checkbox"/> Briefing <input type="checkbox"/> Other: _____ No. of Days Required: _____		
18. Training Name	Signature	Date
19. Responsible Manager Name	Signature	Date

SECTION I - Action Request

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7. Requested By: (Print Name) Robert H. Bahney III		Date: 08/17/95		Organization: Waste Package Development	
				Phone: (702) 794-5337	

SECTION II - Action Initiation

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14. Comments Hold pending verification of HQ-94-015 resolution of other PARs & CARs - est'd mid-October 1995. <i>12A 10/10/95</i>			
15. Responsible Manager Name THOMAS C. GERR		Signature <i>Thomas C. Gerr</i>	
		Date 11 OCT 95	
16. QA Manager Name O J. Bilstrap		Signature <i>O. J. Bilstrap</i>	
		Date 10-11-95	

SECTION III - Action Review

17. Recommended indoctrination/Training <input type="checkbox"/> Read <input type="checkbox"/> Classroom <input type="checkbox"/> Briefing <input type="checkbox"/> Other: _____ No. of Days Required: _____			
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SECTION I - Action Request

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SECTION II - Action Initiation

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14. Comments				
15. Responsible Manager Name		Signature		Date
16. QA Manager Name		Signature		Date

SECTION III - Action Review

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SECTION I - Action Request

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SECTION II - Action Initiation

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SECTION III - Action Review

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OBJECTIVE EVIDENCE

DEFICIENCY REPORT

YMQAD-95-D-004

QAP-2-0 Evaluations of Scoping Analyses Activities

**A. O. Thompson
M&O/WPD
November 3, 1995
702-794-7283**

INDEX
YMQAD-95-D-004

1. **Deficiency Report YMQAD-95-D-004 / Pages 1 of 3 thru 3 of 3, Dated 8/2/95 by Marc J. Meyer**
2. **Objective Evidence (Revised QAP-2-0 Evaluations)**

The following QAP-2-0 Evaluations were revised after a review of all Waste Package Development Department QAP-2-0 Evaluations determined that question one of block II was answered "no" inappropriately.

BB0000000-01717-2200-00026 REV 02 Perform Criticality, Thermal, Structural, and Shielding Scoping Analyses

BB0000000-01717-2200-00031 REV 02 Perform Probabilistic Waste Package Concept Scoping Analyses

3. **Procedure Action Requests for QAP-2-0 (8/17/95) and transmittal letter dated August 18, 1995.**

**OFFICE OF CIVILIAN
RADIOACTIVE WASTE MANAGEMENT
U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.**

8 Performance Report
 Deficiency Report
 NO. YMQAD-95-D-004
 PAGE 1 OF 2
 QA: L

PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document: QARD and QAP 2-0, "Control of Activities."		2 Related Report No. YM-ARP-95-16	
3 Responsible Organization: CRWMS M&O		4 Discussed With: Hugh Benton, Tom Doering	

5 Requirement/Measurement Criteria:

1. QARD Para. 2.2.3.F "...quality assurance controls (grading) shall be applied to the degree commensurate with the 1) function or end use of the item, 2) consequence of failure..."
2. QARD Para. 3.1 "This section provides requirements to ensure that designs (from conceptual through final) are defined, controlled, and verified."
3. QAP-2-0 Para. 5.2.A.2 "If the activity must proceed prior to the item being evaluated in accordance with QAP-2-3, assume the item will be subject to QARD requirements."

6 Description of Condition:

1. None of the design analysis that will be resulting from waste package Advanced Conceptual Design activities will be subject to QARD requirements based on CRWMS M&O QAP-2-0 Evaluation forms. The rationale for this determination is contained on QAP-2-0 Evaluation forms and does not reflect consideration of the requirements of QARD Paras. 2.2.3.F and 3.1. The same Evaluation forms are being used for the next phase of Waste Package design activities, Preliminary Design.
2. Shielding analyses have been completed for the waste package transporter. The QAP-2-0 Evaluation form (BB0000000-01717-2200-00026) indicates the analyses are not subject to QARD controls because, in part, the transporter is not on the Q-List or otherwise subject to the QARD. A QAP-2-3 Evaluation has not yet been completed for the transporter.

7 Initiator Marc J. Meyer <i>John R Matras Jr</i> Date 8/2/95	9 QA Review <i>John R Matras</i> QAR <i>John R Matras</i> Date 8/2/95
10 Response Due Date 20 Working Days From Issuance	11 QA Issuance Approval QAR (PRI)/AOQAM (DR): <i>[Signature]</i> Date 8.2.95

12 Remedial Actions:
SEE RESPONSE ON P.3 OF 3

13 Remedial Action Response By: <i>[Signature]</i> Date 8/30/95	14 Remedial Action Due Date OCTOBER 6, 1995 Date
15 Remedial Action Response Acceptance QAR Date	16 PR Verification/Closure QAR Date

**OFFICE OF CIVILIAN
RADIOACTIVE WASTE MANAGEMENT
U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.**

8
DR NO. YHQAD-95-D-004
PAGE 2 OF 2
QA: L

DEFICIENCY REPORT

17 Recommended Actions:
Update evaluation forms as appropriate.

18 Investigative Actions:
SEE RESPONSE ON P. 3 OF 3

19 Root Cause Determination:
SEE RESPONSE ON P. 3 OF 3

20 Action to Preclude Recurrence:
SEE RESPONSE ON P. 3 OF 3

21 Response by: <i>[Signature]</i> Date <i>8/30/95</i>	22 Corrective Action Completion Due Date: <i>OCTOBER 6, 1995</i>
23 Response Accepted QAR Date	24 Response Accepted AOQAM Date
25 Amended Response Accepted QAR Date	26 Amended Response Accepted AOQAM Date
27 Corrective Actions Verified QAR Date	28 Closure Approved by: AOQAM Date

OFFICE OF CIVILIAN
RADIOACTIVE WASTE MANAGEMENT
U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.

8 Performance Report
 Deficiency Report

NO. LVMO-95-D-004

PAGE 3 OF 3

QA: L

PR/DR CONTINUATION PAGE

Continuation of Block 12 (Remedial Actions):

1. All Waste Package Development Department QAP-2-0 evaluations will be reviewed and revised as necessary, to insure that QARD control of activities related to MGDS Q-List items is applied properly.
2. Waste Package Development Department activities which include scoping analyses will be reevaluated to determine QARD applicability.
3. All Waste Package Development Department QAP-2-0 evaluations will be reviewed as necessary, to insure there is clarity regarding qualified input into products subject to QARD requirements.

Continuation of Block 18 (Investigative Actions):

1. All Waste Package Development Department QAP-2-0 evaluations have been reviewed and revised as necessary to insure proper QARD control of activities related to MGDS Q-List items.
2. Waste Package Development Department activities which include scoping analyses have been reevaluated to determine QARD applicability.
3. A review of QAP-2-0, Control of Activities, REV 02, reveals that further clarification of what constitutes being "related" to an item on the WAST/MGDS Q-List would be helpful to the user of QAP-2-0. The scope of QAP-2-0 shall meet QARD requirements addressing scoping analyses. A Procedure Action Request for QAP-2-0 will be submitted which will expand on these recommendations.
4. The shielding analyses in question have not been signed off to indicate completion and have been stopped indefinitely due to budget constraints. As a result of this, no direct or indirect design input will result from the shielding analyses.
5. All Waste Package Development Department QAP-2-0 evaluations have been reviewed, to insure there is clarity regarding qualified input into products subject to QARD requirements. A change will be made to all QAP-2-0 Evaluations containing the following paragraph:

"This activity is related to items on the MGDS Q-List, however, the products produced by this activity will not be used as qualified input into products subject to QARD requirements (i.e., QA specifications, QA drawings, QA analysis, etc.) without being identified as unverified in accordance with the M&O QA program."

Paragraph will now read:

"This activity is related to items on the MGDS Q-List, however, the products produced by this activity will not be used as qualified input into products subject to QARD requirements."

Continuation of Block 19 (Root Cause Determination):

No root cause determination based on investigative actions.

Continuation of Block 20 (Action to Preclude Recurrence):

1. All applicable QAP-2-0 evaluations have been revised to reflect that activities which include scoping analyses will be subject to QARD control. This action will preclude the recurrence of this deficiency.

**UNCONTROLLED
COPY**

I. Description of Activity (by task, as necessary)

Activity Title (See Description block below)	Document Identifier (including Revision No.) BB0000000-01717-2200-00031 REV 02	Date 11/3/95
<p>Description:</p> <p>Activity Title: Perform Probabilistic Waste Package Concept Scoping Analyses SCPB: N/A</p> <p>This activity entails performing scoping statistical analysis of potential failure mechanisms of components of waste package designs and the consequences of their failure. The activity also includes containment failure scoping analyses of waste package concepts.</p> <p>This activity is related to items on the MGDS Q-List, however, the products produced by this activity will not be used as qualified input into products subject to QARD requirements.</p> <p>A scoping analysis may involve developing analytical capability or testing an analytic approach. Unqualified software (or software for which verification and validation activities have not been completed) may be used for these activities.</p> <p>Result of QA Assessment: Subject to QARD Controls; Applicable as identified in Block III</p>		

Document Identifier (including Revision No.)
BB0000000-01717-2200-00031 REV 02

II. Evaluation of Activity

- | | | |
|---|-------------------------------------|--------------------------|
| 1. Is the activity related to an item listed on the WAST/MGDS Q-list or an item otherwise assumed to be subject to QARD requirements (e.g., design, procurement, construction, fabrication, production, handling, packaging, shipping, storing, cleaning, assembly, inspection, testing, operation, maintenance, repair, modification, decontamination, dismantling, decommissioning, permanent closure)? | Yes | No |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Rationale:

The activity is related to an item on the MGDS Q-List and is subject to the QARD requirements listed on page 3. The activity is not subject to Design Control procedures because the activity will not be used to provide input to items on the Q-List or an item otherwise subject to QARD requirements. Internal and external requests for preliminary and scoping information produce data/results that will not be considered qualified. Results of this activity may not be used as qualified inputs, and when used, must be identified as unqualified data/results per applicable procedure.

- | | | |
|---|--------------------------|-------------------------------------|
| 2. Is the activity related to site characterization sample collection or analysis of data used to support performance confirmation or performance assessment? | Yes | No |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Rationale:

This activity is not related to site characterization sample collection or analysis of data used to support performance confirmation or performance assessment. The scoping risk analysis is for informational purposes only.

- | | | |
|--|--------------------------|-------------------------------------|
| 3. Can the activity adversely impact the waste isolation function of the natural or engineered barriers or impact site characterization results (for MGDS only)? | Yes | No |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Rationale:

This activity cannot adversely impact the waste isolation function of the natural or engineered barriers or impact site characterization results. The scoping risk analysis is for informational purposes only.

- | | | |
|--|-------------------------------------|--------------------------|
| 4. Is the activity (or does the activity include) QARD-required support (e.g. training, procedure development, document control, records management, QA functions, etc.) of other activities subject to QARD requirements? | Yes | No |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Rationale:

This activity may include QARD-required support of other activities subject to QARD requirements, such as records management

If the answer to any of the above questions is "yes," the activity is subject to QARD requirements

**Activity Evaluation
(Continued)**

CRWMS/M&O

QA:L

Page: 3 Of: 3

Document Identifier (including Revision No.)
BB0000000-01717-2200-00031 REV 02

III. Application of Controls (Selection of Procedures for work subject to QARD requirements per Section II)

	QARD Section	Applicable Procedures (Revision No. Not Required)
1	Organization	QAP-1-0*, 1-1*
2	QA Program	QAP-2-0*, 2-1*, 2-2*
3	Design Control	
4	Procurement Document Control	
5	Implementing Documents	
6	Document Control	
7	Control of Purchased Items and Services	
8	Identification and Control of Items	
9	Control of Special Processes	
10	Inspection	
11	Test Control	
12	Control of Measuring and Test Equipment	
13	Handling, Storage, and Shipping	
14	Inspection, Test, and Operating Status	
15	Nonconformances	
16	Corrective Action	QAP-16-1*, 16-2* AP-16.1Q, 16.2Q
17	QA Records	QAP-17-1*
18	Audits	
Supp I	Software	
Supp II	Sample Control	
Supp III	Scientific Investigation	
Supp IV	Field Surveying	

IV. New or revised procedures required for conduct of this activity? Yes No
(If "yes," refer to QAP-5-1 or QAP-5-2 as applicable)

Responsible Manager Hugh A. Benton	Date 11/3/95	Approved by <i>[Signature]</i>	Date 11/3/95
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**UNCONTROLLED
COPY**

I. Description of Activity (by task, as necessary)

Activity Title (See Description block below)	Document Identifier (including Revision No.) BB0000000-01717-2200-00026 REV 02	Date 11/3/95
<p>Description:</p> <p>Activity Title: Perform Criticality, Thermal, Structural, and Shielding Scoping Analyses SCPB: N/A</p> <p>This activity covers the work required to conduct criticality, thermal, structural, and shielding scoping analyses for the purpose of investigating variations from baseline configurations or other similar purposes. Results of the analyses will be used to assess the feasibility of alternative configurations, and to respond to internal and external requests for information.</p> <p>This activity is related to items on the MGDS Q-List, however, the products produced by this activity will not be used as qualified input into products subject to QARD requirements.</p> <p>A scoping analysis may involve developing analytical capability or testing an analytic approach. Unqualified software (or software for which verification and validation activities have not been completed) may be used for these activities.</p> <p>Result of QA Assessment: Subject to QARD Controls; Applicable as identified in Block III</p>		

Document Identifier (including Revision No.)
BB000000-01717-2200-00026 REV 02

II. Evaluation of Activity

- | | | |
|---|-------------------------------------|--------------------------|
| 1. Is the activity related to an item listed on the WAST/MGDS Q-list or an item otherwise assumed to be subject to QARD requirements (e.g., design, procurement, construction, fabrication, production, handling, packaging, shipping, storing, cleaning, assembly, inspection, testing, operation, maintenance, repair, modification, decontamination, dismantling, decommissioning, permanent closure)? | Yes | No |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Rationale:

The activity is related to an item on the MGDS Q-List and is subject to the QARD requirements listed on page 3. The activity is not subject to Design Control procedures because the activity will not be used to provide input to items on the Q-List or an item otherwise subject to QARD requirements. Internal and external requests for preliminary and scoping information produce data/results that will not be considered qualified. Results of this activity may not be used as qualified inputs, and when used, must be identified as unqualified data/results per applicable procedure.

- | | | |
|---|--------------------------|-------------------------------------|
| 2. Is the activity related to site characterization sample collection or analysis of data used to support performance confirmation or performance assessment? | Yes | No |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Rationale:

This activity is not related to site characterization sample collection or analysis of data used to support performance confirmation or performance assessment.

- | | | |
|--|--------------------------|-------------------------------------|
| 3. Can the activity adversely impact the waste isolation function of the natural or engineered barriers or impact site characterization results (for MGDS only)? | Yes | No |
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Rationale:

This activity cannot adversely impact the waste isolation function of the natural or engineered barriers or impact site characterization results.

- | | | |
|--|-------------------------------------|--------------------------|
| 4. Is the activity (or does the activity include) QARD-required support (e.g. training, procedure development, document control, records management, QA functions, etc.) of other activities subject to QARD requirements? | Yes | No |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Rationale:

This activity may include QARD-required support of other activities subject to QARD requirements, such as document control and records management.

If the answer to any of the above questions is "yes," the activity is subject to QARD requirements

Activity Evaluation
(Continued)

Document Identifier (including Revision No.)
BB0000000-01717-2200-00026 REV 02

III. Application of Controls (Selection of Procedures for work subject to QARD requirements per Section II)

QARD Section		Applicable Procedures (Revision No. Not Required)
1	Organization	QAP-1-0*, 1-1*
2	QA Program	QAP-2-0*, 2-1*, 2-2*
3	Design Control	
4	Procurement Document Control	
5	Implementing Documents	
6	Document Control	
7	Control of Purchased Items and Services	
8	Identification and Control of Items	
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16	Corrective Action	QAP-16-1*, 16-2* AP-16.1Q, 16.2Q
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18	Audits	
Supp I	Software	
Supp II	Sample Control	
Supp III	Scientific Investigation	
Supp IV	Field Surveying	

IV. New or revised procedures required for conduct of this activity? Yes No
(If "yes," refer to QAP-5-1 or QAP-5-2 as applicable)

Responsible Manager Hugh A. Benton	Date 11/3/95	Approved by <i>[Signature]</i>	Date 11/3/95
---------------------------------------	-----------------	-----------------------------------	-----------------

Interim Correspondence
Civilian Radioactive Waste Management System
Management & Operating Contractor



TRW Environmental
Safety Systems Inc.

WBS: 1.2.2.3
QA: N/A

Subject:
PAR to QAP-2-0, Rev. 02
(SCPB: N/A)

Date:
August 18, 1995
LV.WP.RHB.08/95-272

From:
R.H. Bahney III *RHB*

To:
T.C. Geer, TES3/423

cc:
H.A. Benton, TES3/423
T.W. Doering, TES3/423
P.S. Hastings, TES3/423
A.M. Segrest, TES3/423
W.E. Wallin, TES3/423
File: CF-RHB
Quality Assurance
RPC, TES3/423

Location/Phone
TES3/527
(702) 794-5337

Enclosed are two Procedure Action Requests (PARs) submitted to you per QAP-5-1, Rev. 04, paragraph 5.1.B. If you have any questions, please call me at the number above.

Enclosures:

Procedure Action Request, QAP-2-0, Attachment I, Section II (1 page)
Procedure Action Request, QAP-2-0, Section 2 (1 page)

Concur: *Hugh A. Benton*
H.A. Benton, Manager of Waste Package Development

Concur: *A.M. Segrest*
A.M. Segrest, Manager of MGDS Development

SECTION I - Action Request

1. Procedure Title CONTROL OF ACTIVITIES		2. Procedure No. QAP-2-0		3. Revision R02	
4. Type of Action Requested <input type="checkbox"/> Develop New Document <input checked="" type="checkbox"/> Revise Existing Document <input type="checkbox"/> Cancel Document					
5. Description of Action Requested Modify Attachment I, Section II, Question 1 to read: "Does the activity <u>affect</u> an item on the WAST/MGDS Q-list and is the activity assumed to be subject to QARD requirements (e.g., design, procurement, construction, fabrication, production, handling, packaging, shipping, storing, cleaning, assembly, inspection, testing, operation, maintenance, repair, modification, decontamination, dismantling, decommissioning, permanent closure)?"			6. Reason for Change The current question uses "or" instead of "and". Many activities performed by the M&O are related to items on the Q-list (such as status reports, scoping analyses, filling out time cards, etc.) but are not activities described by Section 2.2.3.C of the QARD. The current QAP-2-0 results in all activities performed by a member of Waste Package Development (for example) being subject to QARD requirements unless specifically excluded in Section 2. SCOPE.		
7. Requested By: (Print Name) Robert H. Bahney III <i>RHB/III</i>		Date: 08/17/95		Organization: Waste Package Development	
				Phone: (702) 794-5337	

SECTION II - Action Initiation

8. Documents Affected QARD Requirements Matrix			
9. Request <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected		10. Editorial Revision <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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14. Comments Hold pending ^{verification of HQ-94-015} resolution of other PARs of CAPS - est'd mid-October 1995. <i>RA 10/10/95</i>			
15. Responsible Manager Name THOMAS C. GEEER		Signature <i>Thomas C. Geer</i>	
		Date 11 OCT 95	
16. QA Manager Name O J. Bilstrap		Signature <i>O.J. Bilstrap</i>	
		Date 10-11-95	

SECTION III - Action Review

17. Recommended Indoctrination/Training <input type="checkbox"/> Read <input type="checkbox"/> Classroom <input type="checkbox"/> Briefing <input type="checkbox"/> Other: _____ No. of Days Required: _____			
18. Training Name		Signature	Date
19. Responsible Manager Name		Signature	Date

SECTION I - Action Request

1. Procedure Title CONTROL OF ACTIVITIES		2. Procedure No. QAP-2-0		3. Revision R02	
4. Type of Action Requested <input type="checkbox"/> Develop New Document <input checked="" type="checkbox"/> Revise Existing Document <input type="checkbox"/> Cancel Document					
5. Description of Action Requested Modify Section 2 (Scope), Items D. and E. to read: D. Project control activities such as financial, resource, and schedule planning and monitoring. E. Oral and written reports of work status (eg., weekly reports, monthly reports, presentations, etc.).			6. Reason for Change Combine current Items D and E and restrict the intended scope to generally exclude all project control activities (not just finance and work force scheduling). Expand the list of excluded activities to encompass status reports and status presentations.		
7. Requested By: (Print Name) Robert H. Bahney III		Date: 08/17/95	Organization: Waste Package Development		Phone: (702) 794-5337

SECTION II - Action Initiation

8. Documents Affected QARD Requirements Matrix					
9. Request <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected		10. Editorial Revision <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		11. Action Required <input type="checkbox"/> Develop <input checked="" type="checkbox"/> Revise <input type="checkbox"/> Cancel	
12. Priority <input checked="" type="checkbox"/> Hold <input type="checkbox"/> Process					
13. Name of Author Assigned Peter Hastings					
14. Comments Hold pending ^{verification of HQ-94-05;} resolution of other PARDs & CAOS - est'd. mid-October 1995.					
15. Responsible Manager Name THOMAS C. GERR		Signature <i>Thomas C. Gerr</i>		Date 11 OCT 95	
16. QA Manager Name <i>D.J. Gilstrap</i>		Signature <i>D.J. Gilstrap</i>		Date 10-11-95	

SECTION III - Action Review

17. Recommended indoctrination/Training <input type="checkbox"/> Read <input type="checkbox"/> Classroom <input type="checkbox"/> Briefing <input type="checkbox"/> Other: _____			No. of Days Required: _____		
18. Training Name		Signature		Date	
19. Responsible Manager Name		Signature		Date	

SECTION I - Action Request

1. Procedure Title CONTROL OF ACTIVITIES		2. Procedure No. QAP-2-0		3. Revision R02	
4. Type of Action Requested <input type="checkbox"/> Develop New Document <input checked="" type="checkbox"/> Revise Existing Document <input type="checkbox"/> Cancel Document					
5. Description of Action Requested See attached.			6. Reason for Change See attached.		
7. Requested By: (Print Name) Robert H. Bahney III		Date: 08/17/95	Organization: Waste Package Development		Phone: (702) 794-5337

SECTION II - Action Initiation

8. Documents Affected QARD Requirements Matrix			
9. Request <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected	10. Editorial Revision <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	11. Action Required <input type="checkbox"/> Develop <input checked="" type="checkbox"/> Revise <input type="checkbox"/> Cancel	12. Priority <input type="checkbox"/> Hold <input checked="" type="checkbox"/> Process
13. Name of Author Assigned Peter Hastings			
14. Comments Originally held pending resolution of HQ-94-015; revised to process on 11/20/95.			
15. Responsible Manager Name T. C. Geer		Signature <i>Thomas C. Geer</i>	Date 27 NOV 95
16. QA Manager Name Joe W. Willis		Signature <i>Joe W. Willis</i>	Date 11-28-95

SECTION III - Action Review

17. Recommended indoctrination/Training <input type="checkbox"/> Read <input type="checkbox"/> Classroom <input type="checkbox"/> Briefing			No. of Days Required: _____
<input type="checkbox"/> Other: _____			
18. Training Name	Signature	Date	
19. Responsible Manager Name	Signature	Date	

SECTION I - Action Request

1. Procedure Title CONTROL OF ACTIVITIES		2. Procedure No. QAP-2-0		3. Revision R02	
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7. Requested By: (Print Name) Robert H. Bahney III <i>[Signature]</i>		Date: 08/17/95	Organization: Waste Package Development		Phone: (702) 794-5337

SECTION II - Action Initiation

8. Documents Affected QARD Requirements Matrix			
9. Request <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected	10. Editorial Revision <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	11. Action Required <input type="checkbox"/> Develop <input checked="" type="checkbox"/> Revise <input type="checkbox"/> Cancel	12. Priority <input checked="" type="checkbox"/> Hold <input type="checkbox"/> Process
13. Name of Author Assigned Peter Hastings			
14. Comments Hold pending ^{verification of HQ-94-05;} resolution of other PARs & CAPs - <i>[Signature]</i> est'd. mid-October 1995.			
15. Responsible Manager Name THOMAS C. GERR		Signature <i>Thomas C. Gerr</i>	Date 11 OCT 95
16. QA Manager Name <i>D.J. Gultroy</i>		Signature <i>D.J. Gultroy</i>	Date 10-11-95
<i>Gilstrap</i>		<i>Joe Willis</i>	<i>10-13-95</i>

SECTION III - Action Review

17. Recommended Indoctrination/Training <input type="checkbox"/> Read <input type="checkbox"/> Classroom <input type="checkbox"/> Briefing <input type="checkbox"/> Other: _____ No. of Days Required: _____		
18. Training Name	Signature	Date
19. Responsible Manager Name	Signature	Date

SECTION I - Action Request

1. Procedure Title CONTROL OF ACTIVITIES		2. Procedure No. QAP-2-0		3. Revision R02	
4. Type of Action Requested <input type="checkbox"/> Develop New Document <input checked="" type="checkbox"/> Revise Existing Document <input type="checkbox"/> Cancel Document					
5. Description of Action Requested See attached.			6. Reason for Change See attached.		
7. Requested By: (Print Name) Robert H. Bahney III		Date: 08/17/95	Organization: Waste Package Development		Phone: (702) 794-5337

SECTION II - Action Initiation

8. Documents Affected QARD Requirements Matrix			
9. Request <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected	10. Editorial Revision <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	11. Action Required <input type="checkbox"/> Develop <input checked="" type="checkbox"/> Revise <input type="checkbox"/> Cancel	12. Priority <input type="checkbox"/> Hold <input checked="" type="checkbox"/> Process
13. Name of Author Assigned Peter Hastings			
14. Comments Originally held pending resolution of HQ-94-015; revised to process on 11/20/95. <div style="text-align: right;"><i>PH</i> 11/20/95</div>			
15. Responsible Manager Name T. C. Geer		Signature <i>Thomas C. Geer</i>	Date 27 NOV 95
16. QA Manager Name Joe W. Willis		Signature <i>Joe W. Willis</i>	Date 11-28-95

SECTION III - Action Review

17. Recommended Indoctrination/Training <input type="checkbox"/> Read <input type="checkbox"/> Classroom <input type="checkbox"/> Briefing		
<input type="checkbox"/> Other: _____		No. of Days Required: _____
18. Training Name	Signature	Date
19. Responsible Manager Name	Signature	Date

Procedure Action Request

CRWMS/M&O

QA: N

Page: 1

Of: 1

SECTION I - Action Request

1. Procedure Title CONTROL OF ACTIVITIES		2. Procedure No. QAP-2-0		3. Revision R02	
4. Type of Action Requested <input type="checkbox"/> Develop New Document <input checked="" type="checkbox"/> Revise Existing Document <input type="checkbox"/> Cancel Document					
5. Description of Action Requested Modify Attachment I, Section II, Question 1 to read: "Does the activity affect an item on the WAST/MGDS Q-list and is the activity assumed to be subject to QARD requirements (e.g., design, procurement, construction, fabrication, production, handling, packaging, shipping, storing, cleaning, assembly, inspection, testing, operation, maintenance, repair, modification, decontamination, dismantling, decommissioning, permanent closure)?"			5. Reason for Change The current question uses "or" instead of "and". Many activities performed by the M&O are related to items on the Q-list (such as status reports, scoping analyses, filling out time cards, etc.) but are not activities described by Section 2.2.3.C of the QARD. The current QAP-2-0 results in all activities performed by a member of Waste Package Development (for example) being subject to QARD requirements unless specifically excluded in Section 2. SCOPE.		
7. Requested By: (Print Name) Robert H. Bahney III <i>RHBIII</i>		Date: 08/17/95	Organization: Waste Package Development		Phone: (702) 794-5337

SECTION II - Action Initiation

8. Documents Affected QARD Requirements Matrix					
9. Request <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected		10. Editorial Revision <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		11. Action Required <input type="checkbox"/> Develop <input checked="" type="checkbox"/> Revise <input type="checkbox"/> Cancel	
12. Priority <input checked="" type="checkbox"/> Hold <input type="checkbox"/> Process					
13. Name of Author Assigned Peter Hastings					
14. Comments Hold pending verification of HQ-94-015 resolution of other PARs & CAPs - est'd mid-October 1995. <i>1/28 10/10/95</i>					
15. Responsible Manager Name THOMAS C GEEB		Signature <i>Thomas C Geer</i>		Date 11 OCT 95	
16. QA Manager Name Joe Willis		Signature <i>Joe Willis</i>		Date 10-11-95 11-13-95	

SECTION III - Action Review

17. Recommended Indoctrination/Training <input type="checkbox"/> Read <input type="checkbox"/> Classroom <input type="checkbox"/> Briefing <input type="checkbox"/> Other: _____ No. of Days Required: _____			
18. Training Name		Signature	Date
19. Responsible Manager Name		Signature	Date