

**OCRWM PLAN**  
**for Implementation of**  
**DOE/RW-0333P QARD, Rev 0**

**REVISED APRIL 9, 1993**

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OCRWM PLAN  
for Implementation of  
DOE/RW-0333P QARD, Rev 0

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Section 1  
SUMMARY IMPACT STATEMENT

Approximately 55 OCRWM QA Program implementing documents need to be revised. Thirty (30) of these are at the Yucca Mountain Project Office and 25 at OCRWM Headquarters. This figure does not include other non-quality program documents that may need to be revised to reference the new document. These documents will be identified by the line organizations during the transition from the DOE/RW-0214 QARD to the DOE/RW-0333P QARD.

All training materials, lesson plans, and course outlines will require revision to address the document changes. In addition, training materials will need to be developed for the new implementing procedures. Indoctrination and training (I&T) matrices will need to be reviewed by all supervisors, and revised, if necessary, to reflect the new and revised documents. Completion of required training changes is not a prerequisite for readiness to implement the DOE/RW-0333P QARD. However, personnel, as always, are required to complete training on an activity prior to performing that activity.

Completion of document revision and readiness to fully implement the DOE/RW-0333P QARD is estimated for September 30, 1993.

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Section 2

OCRWM HEADQUARTERS TRANSITION PLAN

TRANSITION PLAN SUMMARY		ORGANIZATION: HQ	
Activity		Start Date	End Date
<b>Document Review and Personnel Assignment</b>  Estimated Completion Time - 2 weeks  Matrix Assigned to: Tricia White		12/21/92	01/01/93
<b>QARD Applicability</b>  Estimated Completion Time - 1 week		01/04/93	01/08/93
<b>Draft QARD Implementation Matrix</b>  Estimated Completion Time - 2 weeks  Attach Completed Draft QARD Implementation Matrix		01/11/93	01/22/93
<b>Impact Analysis and Transition Plan</b>  Estimated Completion Time - 1 week  Submit Impact Summary, Transition Summary, Transition Plan, and Draft QARD Implementation Matrix to appropriate OQA Division		01/18/93	01/29/93
<b>Document Revision</b>  Estimated Completion Time - Varies according to Transition Plan Detail.  Indicate start date and end date for this activity as described in the Transition Plan Detail		02/01/93	07/23/93
<b>Final QARD Implementation Matrix and Implementing Document describing Organization</b>  Estimated Completion Time - 1 week  Submit final QARD Implementation Matrix and implementing document describing Organization review and acceptance.		08/23/93	08/27/93

TRANSITION PLAN SUMMARY		ORGANIZATION: HQ	
Activity		Start Date	End Date
<b>Review and Acceptance of Documentation</b>  Estimated Completion Time - 2 weeks  OQA to issue letter.		08/30/93	09/10/93
<b>Withdrawal of QAPD</b>  Estimated Completion Time - 1 week  Issue notification to controlled document holders, issue general notification, and arrange controlled distribution of QARD Implementation Matrix and implementing document describing Organization		09/13/93	09/17/93
<b>Withdrawal of QARD</b>  Estimated Completion Time - 1 week  Issue notification to controlled document holders and issue general notification		09/20/93	09/24/93

QARD TRA JION PLAN DETAIL  
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IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS / COMMENTS	REV PRIO	EST. COMP DATE	CON w/ YMP
NEW	A new procedure is required to address annual supplier evaluations required by QARD para 18.2.2 items A through F.	9	07/23/93	Y
NEW	A new procedure is required for software control to meet QARD Supplement I requirements. (EIA is developing as direct support to RW-40).		07/23/93	N
1.1	Already under development, need verification that QAP covers requirements of QARD Section 1; check references and definitions; designate record responsibility and classification (lifetime or nonpermanent).	4	07/23/93	Y
2.1	Reformat, check definitions, add new references, add record designation and record responsibility.		07/23/93	N
2.2	Reformat, check definitions, add new references, add record designations.		07/23/93	N
2.3	Needs complete rewrite to address application of QARD requirements (para. 2.2.3 A-F). Needs to discuss QARD Requirements Matrix and Q-List; also need to reformat, check definitions, add new references, designate record responsibility and classification.		07/23/93	N
2.4	Complete rewrite required to reformat, update references and definitions, designate record responsibility and classification, and to address the new QARD content, format, and revision methods. Also need to address the requirements matrix and its use in the QARD development and revision process to meet QARD para 2.2.2.C.	3	07/23/93	Y
2.6	Need to reformat, update references and definitions, designate record responsibility and classification, and incorporate items listed in QARD 2.2.7 into the list of items that must be included in the attribute list.	12	07/23/93	Y
2.7	Need to reformat, update references and definitions, designate record responsibility and classification, and incorporate items listed in QARD 2.2.6 into the list of items that must be evaluated during management assessments (need to address 4 & 5).	14	07/23/93	Y
2.9	To meet QARD para 16.2.6, add nonconformances to the items to be evaluated for trends (for YMP purposes). Also cover reporting of information as required by QARD 2.2.10. Note that other changes, on root cause, time period, definition of adverse trends and issuing CARs for adverse trends are needed.	11	07/23/93	Y
2.10	Reformat, new references, check definitions, add record classification, record responsibilities. Clarify "organizations affected by the hold".		07/23/93	N
3.3	Change procedure number, Peer Review is now Section 2. Reformat, update references and definitions, designate record responsibility and classification, and add requirement for "a statement on which peer reviewers have not signed and why" to meet QARD 2.2.8.F.1. (or reconsider requirement in 2.2.8.F.1)	13	07/23/93	Y

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3.5	Change procedure number to the Section 2.0 series (based on the determination that Section 3.0 does not apply to OCRWM-HQ). Update references and definitions, designate record classification. Update processes for controlling changes and editorial corrections to meet QARD 6.2.6 through 6.2.8. Note: Close previous DARs from YMP also.	10	07/23/93	Y
5.1	Revise references, check definitions, and designate record classification. Also need to add new QARD words from para 2.2.2.B, revise so that items (A-I) listed in QARD para 5.2.2, are listed as potential content of a QA procedure. Update processes for controlling changes and editorial corrections to meet QARD 6.2.6 through 6.2.8. To meet para 17.2.2.A, add requirement to QAP format that procedures identify QA record classification and responsibility for transmitting QA records.	1	05/14/93	Y
6.1	Reformat, update references and definitions, designate record responsibility and classification, and revise paragraph 2.0 to use QARD words from para 6.2.1.		07/23/93	N
6.2	Update references and definitions, designate record classification, revise to state that only those affected by a change review changes (to meet QARD para 2.2.9) and add requirement that revision history be reviewed each time additional changes to controlled documents are proposed (To meet QARD para 6.2.6).	2	05/14/93	Y
7.1	Reformat, update references and definitions, designate record responsibility and classification. Clarify procurement document content requirements regarding supplier's QA programs to cover QARD para 2.2.2 and address the new QARD Requirements matrix. Delete the procurement document review criteria (covered in QAP 6.2, but check list in 6.2 to verify inclusion of all items in QARD 4.2.1). Delete references to MOUs and MOAs if possible. Clarify procurement document change controls to meet QARD 4.2.3. Add QARD 7.2.1.A (identification of organizational responsibilities), QARD items 7.2.1.D.1-9 (integration of activities), 7.2.1.F (relative to level of importance, etc) and 7.2.1.G (involve QA) to procurement planning section. Add QARD 7.2.2 requirements for involvement of QA in the source selection/ evaluation process and 7.2.2.D requirement for documenting the evaluation. Need to add words from QARD 7.2.4 on verification activities, and 7.2.5 on supplier generated documents (also pickup record turnover requirements from Section 17 in procurement document content, etc.). In addition, QARD paragraphs 7.2.6-7.2.8 are not fully addressed.		07/23/93	N
16.1	Reformat, update references and definitions, add record designation and responsibilities. Add requirement that responsible management investigate (documented) non-significant CARS to meet QARD Para 16.2.3 ( <b>Revisit requirement in 16.2.3</b> ). Address reporting corrective action information per QARD 2.2.10.	5	07/23/93	Y
16.2	Reformat, update references and definitions, designate record responsibility and classification.	15	07/23/93	Y



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IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS / COMMENTS	REV PRIO	EST. COMP DATE	CON w/ YMP
17.1	Reformat, update references and definitions, designate record responsibility and classification. Add definitions of lifetime and nonpermanent records. Eliminate duplication with ILP 12.17.01. To meet QARD 17.2.1, add criteria to classify QA records as nonpermanent or lifetime. Add requirement to identify record classification on the typical records and record package lists developed by each organization. Add requirement that records be accurate to meet QARD 17.2.2.B-E. Add requirement for records retrieval "with planned retrieval times based on record type" to meet QARD 17.2.6. Add discussion on record retention to meet QARD 17.2.7. Add 17.2.8.C requirements for line organization to identify records in temporary storage to be submitted for long term storage.		07/23/93	N
18.1	Reformat, update references and definitions, designate record classification and responsibilities. Add specifics from QARD para 18.2.13.A on the goal of orientation (working knowledge, etc.) and the content of training (fundamentals, objectives, examining, questioning, planning, etc. to meet QARD para. 18.2.13.B.1 & 2 and 18.2.13.C. Add other experience categories to Attachment II to meet QARD para 18.2.15.B (scientific investigation, site characterization, etc.). Revise para 6.2.2.2.d. to match list in 18.2.17.B.4. Add new item on OJT to para 6.2.2.2 to match QARD words from para 18.2.17.B.5	6	07/23/93	Y
18.2	Reformat, update references and definitions, designate record responsibility and classification. Revise requirements for scheduling external audits to triennial for compliance and address intermediate performance-based audits on selected work products based on annual evaluations (link to new procedure on annual evaluations). Revise audit plan content requirements to meet QARD 18.2.4. Add that audit personnel shall have sufficient authority, etc. to meet QARD para 18.2.5, and that the audit must include representatives from QA to meet QARD para 18.2.6.A. Add that technical specialists are used to assist in evaluating the adequacy of technical processes to meet QARD para 18.2.6.D. Also cover reporting of information as required by QARD 2.2.10.	7	07/23/93	Y
18.3	Renumber, reformat, update references and definitions, designate record responsibility and classification. Revise scope to use QARD words (2.2.5 1st sentence), refer to CATQ and Nonconformances rather than deficiencies. Also cover reporting of information as required by QARD 2.2.10.	8	07/23/93	Y

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IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS / COMMENTS	REV PRIO	EST. COMP DATE	CON w/ YMP
ILP 12.17.0 1	Reformat, update references and definitions, designate record responsibility and classification. Eliminate duplication with QAAP 17.1. Add requirement that indication of QA records classification be verified upon record receipt and indicated on the list of records in each record package to meet QARD para. 17.2.1. Add words from QARD para 17.2.3.D on "current and accurate assessment of status in para 6.2.1 and 6.1.2. Add discussion on indexing. Add para 6.2.5 to incorporate words from QARD para 17.2.3.F that following the receipt process, records are filed in QRPs IAW 6.1.2 and submitted to storage IAW para 6.10. To meet QARD para 17.2.5, add in para 6.10 that records (non special-process records) are to be protected from damage from moisture, temperature, and pressure. Add in 6.1.2 that records are assembled into QRPs and filed in binders, folders, or envelopes. Add in 6.10 that cabinets are "steel". To meet QARD para 17.2.6, add in para 6.12 that records shall be retrieved "with planned retrieval times based on record type. To meet QARD para 17.2.7, add discussion on record retention.		07/23/93	N

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Section 3

YUCCA MOUNTAIN PROJECT OFFICE TRANSITION PLAN

TRANSITION PLAN SUMMARY		ORGANIZATION: YMP	
Activity	Start Date	End Date	
<b>Document Review and Personnel Assignment</b> Estimated Completion Time - 2 weeks Matrix Assigned to: Catherine Hampton	01/04/93	01/08/93	
<b>QARD Applicability</b> Estimated Completion Time - 1 week	01/04/93	01/08/93	
<b>Draft QARD Implementation Matrix</b> Estimated Completion Time - 2 weeks Attach Completed Draft QARD Implementation Matrix	01/04/93	01/29/93	
<b>Impact Analysis and Transition Plan</b> Estimated Completion Time - 1 week Submit Impact Summary, Transition Summary, Transition Plan, and Draft QARD Implementation Matrix to appropriate OQA Division	01/04/93	01/29/93	
<b>Document Revision</b> Estimated Completion Time - Varies according to Transition Plan Detail. Indicate start date and end date for this activity as described in the Transition Plan Detail	02/26/93	07/26/93	
<b>Final QARD Implementation Matrix and Implementing Document describing Organization</b> Estimated Completion Time - 1 week Submit final QARD Implementation Matrix and implementing document describing Organization review and acceptance.	08/23/93	08/27/93	

TRANSITION PLAN SUMMARY		ORGANIZATION: YMP	
Activity		Start Date	End Date
<b>Review and Acceptance of Documentation</b>  Estimated Completion Time - 2 weeks  OQA to issue letter.		08/30/93	09/10/93
<b>Withdrawal of QAPD</b>  Estimated Completion Time - 1 week  Issue notification to controlled document holders, issue general notification, and arrange controlled distribution of QARD Implementation Matrix and implementing document describing Organization		09/13/93	09/17/93
<b>Withdrawal of QARD</b>  Estimated Completion Time - 1 week  Issue notification to controlled document holders and issue general notification		09/20/93	09/24/93

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AP-1.5Q	Procedure needs revision to include the following: (1) Add technical requirements documents per 6.2.1 (2) Add responsibility for maintaining documents per 6.2.2 (3) Add requirement for documents at work location per 6.2.5.A (4) General-convert implementing steps in notes to numbered process steps; convert to QAP 5.1 format.	11	06/22/93
AP-1.6Q	Procedure does not implement QARD. Convert to Non-Q AP.		Completed 12/92
AP-1.10Q	Procedure needs revision to include the following: (1) Address requirement 2.2.9.C (2) Address requirement 2.2.9.D (3) Address (more specifically) requirement 2.2.9.E.1 (4) Address requirement 2.2.9.E.2 (5) Address requirement 5.2.2.A (6) Address requirement 5.2.2.H (7) Address requirements 5.2.4.A & B, include reference to "stop work." (8) Address requirement III.2.1.A, B & D (9) Address requirement III.2.4.A.1 (10)Address requirement III.2.5.A (11)General-Convert implementing steps (actions) in notes to numbered process steps: convert to QAP 5.1 format.	6	06/15/93
AP-1.17Q	Procedure needs revision to include following QARD requirements: (1) 6.2.6.D.:2s and 6.2.6.E. (2) Section 6.2.8 (3) General-convert to QARD.1 format: convert process steps/responsibilities presently in "Notes."		
AP-1.18Q	Procedure needs revision to include following QARD requirements: (1) 17.2.2.E (2) 17.2.4.B (3) General-delete steps which repeat requirements addressed in other approved procedures and not germane to this procedure, Convert to QAP 5.1 format. Convert requirements addressed in "Notes" to process steps.	10	06/22/93
AP-3.3Q	No QARD requirements are implemented by this procedure, convert to Non-Q AP.	7	06/15/93

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AP-3.5Q	Procedure needs revision to include following QARD requirements: (1) 6.2.5B (2) 6.2.7A. (3) 6.2.7B.2 & 3 (4) General-Convert to QAP 5.1 format	8	06/15/93
AP-3.6Q	Fully implements QARD Sections 3.2.9, 6.2.6C. D & E		
AP-4.1Q	Does not implement QARD requirements; convert to Non-Q AP		
AP-5.1Q	Revise procedure to include implementation of the following QARD requirements: (1) III 2.3 A & B (2) III 2.5 A (3) General-Convert to QAP 5.1 format		
AP-5.2Q	Does not implement QARD requirements; convert to Non-Q AP		
AP-5.3Q	Revise procedure to fully implement the following QARD requirements: (1) III.2.1B. (2) III.2.4A.2 (3) General-Convert to QAP 5.1 format		
AP-5.9Q	Does not implement requirements of QARD. It addresses DD identification of existing data requiring qualifications; then directs a peer review or technical assessment to determine acceptability of the data. Recommending cancellation of this procedure and modification to purpose and scope of QMP-02-08 (Technical Assessment ) and QAAP 3.3 (Peer Review) as method to qualify existing data.		
AP-5.16Q	Does not implement QARD requirements; Convert to Non-Q AP		
AP-5.19Q	Fully implements addressed requirements of QARD. Need to be converted to QAP 5.1 format		
AP-5.20Q	Does not implement QARD requirements; convert to Non-Q AP		
AP-5.21Q	Revise procedure to implement the following QARD requirements: (1) 2.2.3A.1 through 7 (2) 2.2.3B. (3) 5.2.2H. (4) 6.2.5.B. (5) 6.2.6.E. (6) General-Convert to QAP 5.1 format	3	06/08/93

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AP-5.24Q	Does not implement QARD requirements. Convert to Non-Q AP.		
AP-5.27Q	Revise procedure to implement following QARD requirements: (1) 15.2.1.B. through F. (2) 15.2.2B. (3) 15.2.4A. (4) 15.2.4C.1. & 2. (5) General-convert to QAP 5.1 format	14	06/29/93
AP-5.32Q	Revise procedure to fully implement following QARD requirements: (1) 2.2.4:2sA. through 2sD. (2) 2.2.4:2sG. and 2sH.	5	06/15/93
AP-5.39Q	Fully implements addressed QARD requirements. Needs to be converted to QAP 5.1 format.		
AP-5.48Q	Fully implements addressed QARD requirements, Needs to be converted to QAP 5.1 format.		
AP-6.1Q	Needs to address requirement that document reviews be conducted by approved procedures that implement requirements of QARD Section 2.2.9. Also need to clear up training requirements addressed in 5.0.4g to establish responsibilities and activities in accordance with QARD Section 2.2.11 and 2.2.12.	1	06/08/93
AP-6.3Q	This procedure meets the QARD requirement for identification of QA records- <u>internal</u> to this specific procedure. No revision required. Convert to QAP 5.1 format		
AP-6.4Q	The purpose and scope should be revised to delete reference to Sections 8 & 13 of QARD, and add reference to Supplement II. Procedure should be revised to address Supplement II in total. Consideration should be given to consolidate the BTPs that address sample control. These are: BTPs-SMF-002; 005; 006; 008; 010; and 013. Currently, this procedure applies to samples only during the time they are under the direct control of the Sample Management Facility. Convert to QAP 5.1 format.	12	06/22/93
AP-6.17Q	Procedure does <u>not</u> implement the applicable QARD requirements. Recommend cancellation, complete revision, or directing responsible Architect/Engineer to develop procedure to address the applicable QARD requirements.	15	06/29/93
AP-6.22Q	Fully implements addressed QARD requirements. Needs to be converted to QAP 5.1 format.		



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IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS/COMMENTS	REV PRTY	EST. COMP DATE
AP-6.26Q	Procedure needs revision to include the following QARD requirements: (1) 8.2.2A. :1s through 8.2.4c. :2s1. (2) 13.2.1A and B. (3) 13.2.2 through 13.2.2E. (4) 13.2.3A. (5) II.2.1B. through II.2.2B. (6) II.2.3B. through II.2.7B.	13	06/29/93
QMP-01-01	Convert procedure to ILP-Q, IAW QAP 5.1; include steps presently implementing QARD. Address following additional QARD requirements: (1) 1.2.2. :2s (2) 1.2.2. :3s A. and B. (3) 1.2.2. :3s E., F., and H. (4) 1.3.1A. :1s through 1.3.3D	29	07/28/93
QMP-02-01	Convert procedure to ILP-Q, IAW QAP 5.1; include steps presently implementing QARD. Address following additional QARD requirements: (1) 2.2.11 :2s A. and B. (2) 2.2.11 :2s D. (3) 2.2.11 :2s F. (4) 2.2.11 :2s H. (5) 2.2.12	9	06/22/93
QMP-02-08	Does not directly implement QARD requirements; convert to Non-Q ILP IAW QAP 5.1	16	06/29/93
QMP-02-09	Doesn't directly implement QARD requirements, rather, repeats same requirements covered in QMP-02-01. Recommend dropping redundant requirements steps, and conversion to Non-Q ILP IAW QAP 5.1	28	07/21/93
QMP-03-09	Does not implement QARD requirements: convert to Non-Q ILP IAW QAP 5.1		
QMP-04-02	Convert procedure to ILP-Q IAW QAP 5.1: include steps presently implementing QARD. Address following additional QARD requirements: (1) 4.2.1B.2. :2s                      (6) 7.2.1 :2s D.4. and .5. (2) 4.2.1C.1. :1s and 2s              (7) 7.2.1 :2s F. (3) 4.2.1C.2                              (8) 7.2.3B. and C. (4) 4.2.1C.3 :2s                          (9) 7.2.6C. :2s (5) 7.2.1. :2s A                          (10) 7.2.8A. and B.	17	07/07/93

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IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS/COMMENTS	REV PRTY	EST. COMP DATE
QMP-04-03	Convert procedure to ILP-Q, IAW QAP 5.1: include steps presently implementing QARD. Address following additional QARD requirements: (1) 4.2.1C.1. :2s (2) 4.2.1C.2. (3) 4.2.1C.3.	2	06/08/93
QMP-05-03	Convert procedure to ILP-Q, IAW QAP 5.1; include steps presently implementing QARD. Address following additional QARD requirements: (1) 2.2.2.C.1.b. and c. (2) 2.2.2.C.2 (3) 2.2.2.C.3 :1s and 2s (4) 2.2.2.D :1s	18	07/07/93
QMP-07-04	Convert procedure to ILP-Q, IAW QAP 5.1; include steps presently implementing QARD. Address the following in addition: (1) Source Evaluation Board (2) Performance Based Audits (3) Effectivity for more than YMQAD.	19	07/07/93
QMP-15-01	Convert procedure to ILP-Q, IAW QAP 5.1: include steps presently implementing the QARD. Address following additional QARD requirements: (1) 15.2.1 A. (5) 15.2.4 C. (2) 15.2.1 D. (6) 15.2.4 C.1. (3) 15.2.2 A. :2s (7) 15.2.4 D. (4) 15.2.2 B.	20	07/07/93
QMP-16-03	Implements QARD Section 16.2.5 only. Recommend Converting to ILP-Q, IAW QAP 5.1	21	07/14/93
BTP-EDD-002	Procedure implements QARD Sections 2.2.9A. :1s and 2s. Needs to be converted to ILP-Q, IAW QAP 5.1	4	06/08/93
BTP-RSE-001	Does not implement QARD requirements. Recommend converting to Non-Q ILP, IAW QAP 5.1		
BTP-SMF-002	Procedure implements QARD Section II.2.6A., II.2.6C. :1s and 2s. Needs to be converted to ILP-Q, IAW QAP 5.1	22	07/14/93
BTP-SMF-005	Satisfies QARD requirements for "Samples" at the SMF. Recommend converting to ILP, IAW QAP 5.1 and combining other associated BTP-SMFs to attain full implementation.	23	07/14/93

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BTP-SMF-006	Satisfies QARD Sections II.2.1A., II.2.2A. through II.2.3C., and II.2.6A through II.2.6D. Partially implements QARD Sections II.2.1B., II.2.1C., II.2.7A. and II.2.7B. Recommend combining with other associated BTP-SMFs into ILP-Q to attain full implementation.	24	07/14/93
BTP-SMF-008	Satisfies QARD requirement for Field Logging, Handling, and Documenting Borehole Samples. Recommend combining with other associated BTP-SMFs into ILP-Q to attain full implementation.	25	07/21/93
BTP-SMF-010	Satisfies QARD Sections II.2.1.C. 2s and II.2.2A. Recommend combining with other associated BTP-SMFs into ILP-Q to attain full implementation.	26	07/21/93
BTP-SMF-013	Satisfies most of QARD requirements for sample handling, shipping, and transfer, Recommend combining with other associated BTP-SMFs into ILP-Q to attain full implementation.	27	07/21/93
ILP 1.2/OPM-Q	Does not implement QARD requirements. Convert to Non-Q ILP		

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Section 1  
SUMMARY IMPACT STATEMENT

Approximately 55 OCRWM QA Program implementing documents need to be revised. Thirty (30) of these are at the Yucca Mountain Project Office and 25 at OCRWM Headquarters. This figure does not include other non-quality program documents that may need to be revised to reference the new document. These documents will be identified by the line organizations during the transition from the DOE/RW-0214 QARD to the DOE/RW-0333P QARD.

All training materials, lesson plans, and course outlines will require revision to address the document changes. In addition, training materials will need to be developed for the new implementing procedures. Indoctrination and training (I&T) matrices will need to be reviewed by all supervisors, and revised, if necessary, to reflect the new and revised documents. Completion of required training changes is not a prerequisite for readiness to implement the DOE/RW-0333P QARD. However, personnel, as always, are required to complete training on an activity prior to performing that activity.

Completion of document revision and readiness to fully implement the DOE/RW-0333P QARD is estimated for September 30, 1993.

OCRWM PLAN

for Implementation of  
DOE/RW-0333P QARD, Rev 0

Section 2

OCRWM HEADQUARTERS TRANSITION PLAN

TRANSITION PLAN SUMMARY		ORGANIZATION: HQ	
Activity		Start Date	End Date
<b>Document Review and Personnel Assignment</b>  Estimated Completion Time - 2 weeks  Matrix Assigned to: Tricia White		12/21/92	01/01/93
<b>QARD Applicability</b>  Estimated Completion Time - 1 week		01/04/93	01/08/93
<b>Draft QARD Implementation Matrix</b>  Estimated Completion Time - 2 weeks  Attach Completed Draft QARD Implementation Matrix		01/11/93	01/22/93
<b>Impact Analysis and Transition Plan</b>  Estimated Completion Time - 1 week  Submit Impact Summary, Transition Summary, Transition Plan, and Draft QARD Implementation Matrix to appropriate OQA Division		01/18/93	01/29/93
<b>Document Revision</b>  Estimated Completion Time - Varies according to Transition Plan Detail.  Indicate start date and end date for this activity as described in the Transition Plan Detail		02/01/93	07/23/93
<b>Final QARD Implementation Matrix and Implementing Document describing Organization</b>  Estimated Completion Time - 1 week  Submit final QARD Implementation Matrix and implementing document describing Organization review and acceptance.		08/23/93	08/27/93



TRANSITION PLAN SUMMARY		ORGANIZATION: HQ	
Activity		Start Date	End Date
<b>Review and Acceptance of Documentation</b>  Estimated Completion Time - 2 weeks  OQA to issue letter.		08/30/93	09/10/93
<b>Withdrawal of QAPD</b>  Estimated Completion Time - 1 week  Issue notification to controlled document holders, issue general notification, and arrange controlled distribution of QARD Implementation Matrix and implementing document describing Organization		09/13/93	09/17/93
<b>Withdrawal of QARD</b>  Estimated Completion Time - 1 week  Issue notification to controlled document holders and issue general notification		09/20/93	09/24/93

QARD TRA...ION PLAN DETAIL  
OCRWM HQ

Page 1

IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS / COMMENTS	REV PRIO	EST. COMP DATE	CON w/ YMP
NEW	A new procedure is required to address annual supplier evaluations required by QARD para 18.2.2 items A through F.	9	07/23/93	Y
NEW	A new procedure is required for software control to meet QARD Supplement I requirements. (EIA is developing as direct support to RW-40.		07/23/93	N
1.1	Already under development, need verification that QAP covers requirements of QARD Section I; check references and definitions; designate record responsibility and classification (lifetime or nonpermanent).	4	07/23/93	Y
2.1	Reformat, check definitions, add new references, add record designation and record responsibility.		07/23/93	N
2.2	Reformat, check definitions, add new references, add record designations.		07/23/93	N
2.3	Needs complete rewrite to address application of QARD requirements (para. 2.2.3 A-F). Needs to discuss QARD Requirements Matrix and Q-List; also need to reformat, check definitions, add new references, designate record responsibility and classification.		07/23/93	N
2.4	Complete rewrite required to reformat, update references and definitions, designate record responsibility and classification, and to address the new QARD content, format, and revision methods. Also need to address the requirements matrix and its use in the QARD development and revision process to meet QARD para 2.2.2.C.	3	07/23/93	Y
2.6	Need to reformat, update references and definitions, designate record responsibility and classification, and incorporate items listed in QARD 2.2.7 into the list of items that must be included in the attribute list.	12	07/23/93	Y
2.7	Need to reformat, update references and definitions, designate record responsibility and classification, and incorporate items listed in QARD 2.2.6 into the list of items that must be evaluated during management assessments (need to address 4 & 5).	14	07/23/93	Y
2.9	To meet QARD para 16.2.6, add nonconformances to the items to be evaluated for trends (for YMP purposes). Also cover reporting of information as required by QARD 2.2.10. Note that other changes, on root cause, time period, definition of adverse trends and issuing CARs for adverse trends are needed.	11	07/23/93	Y
2.10	Reformat, new references, check definitions, add record classification, record responsibilities. Clarify "organizations affected by the hold".		07/23/93	N
3.3	Change procedure number, Peer Review is now Section 2. Reformat, update references and definitions, designate record responsibility and classification, and add requirement for "a statement on which peer reviewers have not signed and why" to meet QARD 2.2.8.F.1. (or reconsider requirement in 2.2.8.F.1)	13	07/23/93	Y

QARD TRA...TION PLAN DETAIL  
OCRWM HQ

IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS / COMMENTS	REV PRIO	EST. COMP DATE	CON w/ YMP
3.5	Change procedure number to the Section 2.0 series (based on the determination that Section 3.0 does not apply to OCRWM-HQ). Update references and definitions, designate record classification. Update processes for controlling changes and editorial corrections to meet QARD 6.2.6 through 6.2.8. Note: Close previous DARs from YMP also.	10	07/23/93	Y
5.1	Revise references, check definitions, and designate record classification. Also need to add new QARD words from para 2.2.2.B, revise so that items (A-I) listed in QARD para 5.2.2, are listed as potential content of a QA procedure. Update processes for controlling changes and editorial corrections to meet QARD 6.2.6 through 6.2.8. To meet para 17.2.2.A, add requirement to QAP format that procedures identify QA record classification and responsibility for transmitting QA records.	1	05/14/93	Y
6.1	Reformat, update references and definitions, designate record responsibility and classification, and revise paragraph 2.0 to use QARD words from para 6.2.1.		07/23/93	N
6.2	Update references and definitions, designate record classification, revise to state that only those affected by a change review changes (to meet QARD para 2.2.9) and add requirement that revision history be reviewed each time additional changes to controlled documents are proposed (To meet QARD para 6.2.6).	2	05/14/93	Y
7.1	Reformat, update references and definitions, designate record responsibility and classification. Clarify procurement document content requirements regarding supplier's QA programs to cover QARD para 2.2.2 and address the new QARD Requirements matrix. Delete the procurement document review criteria (covered in QAP 6.2, but check list in 6.2 to verify inclusion of all items in QARD 4.2.1). Delete references to MOUs and MOAs if possible. Clarify procurement document change controls to meet QARD 4.2.3. Add QARD 7.2.1.A (identification of organizational responsibilities), QARD items 7.2.1.D.1-9 (integration of activities), 7.2.1.F (relative to level of importance, etc) and 7.2.1.G (involve QA) to procurement planning section. Add QARD 7.2.2 requirements for involvement of QA in the source selection/ evaluation process and 7.2.2.D requirement for documenting the evaluation. Need to add words from QARD 7.2.4 on verification activities, and 7.2.5 on supplier generated documents (also pickup record turnover requirements from Section 17 in procurement document content, etc.). In addition, QARD paragraphs 7.2.6-7.2.8 are not fully addressed.		07/23/93	N
16.1	Reformat, update references and definitions, add record designation and responsibilities. Add requirement that responsible management investigate (documented) non-significant CARS to meet QARD Para 16.2.3 ( <b>Revisit requirement in 16.2.3</b> ). Address reporting corrective action information per QARD 2.2.10.	5	07/23/93	Y
16.2	Reformat, update references and definitions, designate record responsibility and classification.	15	07/23/93	Y

QARD TRA...ION PLAN DETAIL  
OCRWM HQ

IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS / COMMENTS	REV PRIO	EST. COMP DATE	CON w/ YMP
17.1	Reformat, update references and definitions, designate record responsibility and classification. Add definitions of lifetime and nonpermanent records. Eliminate duplication with ILP 12.17.01. To meet QARD 17.2.1, add criteria to classify QA records as nonpermanent or lifetime. Add requirement to identify record classification on the typical records and record package lists developed by each organization. Add requirement that records be accurate to meet QARD 17.2.2.B-E. Add requirement for records retrieval "with planned retrieval times based on record type" to meet QARD 17.2.6. Add discussion on record retention to meet QARD 17.2.7. Add 17.2.8.C requirements for line organization to identify records in temporary storage to be submitted for long term storage.		07/23/93	N
18.1	Reformat, update references and definitions, designate record classification and responsibilities. Add specifics from QARD para 18.2.13.A on the goal of orientation (working knowledge, etc.) and the content of training (fundamentals, objectives, examining, questioning, planning, etc. to meet QARD para. 18.2.13.B.1 & 2 and 18.2.13.C. Add other experience categories to Attachment II to meet QARD para 18.2.15.B (scientific investigation, site characterization, etc.). Revise para 6.2.2.2.d. to match list in 18.2.17.B.4. Add new item on OJT to para 6.2.2.2 to match QARD words from para 18.2.17.B.5	6	07/23/93	Y
18.2	Reformat, update references and definitions, designate record responsibility and classification. Revise requirements for scheduling external audits to triennial for compliance and address intermediate performance-based audits on selected work products based on annual evaluations (link to new procedure on annual evaluations). Revise audit plan content requirements to meet QARD 18.2.4. Add that audit personnel shall have sufficient authority, etc. to meet QARD para 18.2.5, and that the audit must include representatives from QA to meet QARD para 18.2.6.A. Add that technical specialists are used to assist in evaluating the adequacy of technical processes to meet QARD para 18.2.6.D. Also cover reporting of information as required by QARD 2.2.10.	7	07/23/93	Y
18.3	Renumber, reformat, update references and definitions, designate record responsibility and classification. Revise scope to use QARD words (2.2.5 1st sentence), refer to CATQ and Nonconformances rather than deficiencies. Also cover reporting of information as required by QARD 2.2.10.	8	07/23/93	Y

QARD TRA .ION PLAN DETAIL  
OCRWM HQ

IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS / COMMENTS	REV PRIO	EST. COMP DATE	CON w/ YMP
ILP 12.17.0 1	Reformat, update references and definitions, designate record responsibility and classification. Eliminate duplication with QAAP 17.1. Add requirement that indication of QA records classification be verified upon record receipt and indicated on the list of records in each record package to meet QARD para. 17.2.1. Add words from QARD para 17.2.3.D on "current and accurate assessment of status in para 6.2.1 and 6.1.2. Add discussion on indexing. Add para 6.2.5 to incorporate words from QARD para 17.2.3.F that following the receipt process, records are filed in QRPs IAW 6.1.2 and submitted to storage IAW para 6.10. To meet QARD para 17.2.5, add in para 6.10 that records (non special-process records) are to be protected from damage from moisture, temperature, and pressure. Add in 6.1.2 that records are assembled into QRPs and filed in binders, folders, or envelopes. Add in 6.10 that cabinets are "steel". To meet QARD para 17.2.6, add in para 6.12 that records shall be retrieved "with planned retrieval times based on record type. To meet QARD para 17.2.7, add discussion on record retention.		07/23/93	N

OCRWM PLAN

for Implementation of  
DOE/RW-0333P QARD, Rev 0

Section 3

**YUCCA MOUNTAIN PROJECT OFFICE TRANSITION PLAN**

TRANSITION PLAN SUMMARY		ORGANIZATION: YMP	
Activity	Start Date	End Date	
<b>Document Review and Personnel Assignment</b> Estimated Completion Time - 2 weeks Matrix Assigned to: Catherine Hampton	01/04/93	01/08/93	
<b>QARD Applicability</b> Estimated Completion Time - 1 week	01/04/93	01/08/93	
<b>Draft QARD Implementation Matrix</b> Estimated Completion Time - 2 weeks Attach Completed Draft QARD Implementation Matrix	01/04/93	01/29/93	
<b>Impact Analysis and Transition Plan</b> Estimated Completion Time - 1 week Submit Impact Summary, Transition Summary, Transition Plan, and Draft QARD Implementation Matrix to appropriate OQA Division	01/04/93	01/29/93	
<b>Document Revision</b> Estimated Completion Time - Varies according to Transition Plan Detail. Indicate start date and end date for this activity as described in the Transition Plan Detail	02/26/93	07/26/93	
<b>Final QARD Implementation Matrix and Implementing Document describing Organization</b> Estimated Completion Time - 1 week Submit final QARD Implementation Matrix and implementing document describing Organization review and acceptance.	08/23/93	08/27/93	

TRANSITION PLAN SUMMARY		ORGANIZATION: YMP	
Activity		Start Date	End Date
<b>Review and Acceptance of Documentation</b>  Estimated Completion Time - 2 weeks  OQA to issue letter.		08/30/93	09/10/93
<b>Withdrawal of QAPD</b>  Estimated Completion Time - 1 week  Issue notification to controlled document holders, issue general notification, and arrange controlled distribution of QARD Implementation Matrix and implementing document describing Organization		09/13/93	09/17/93
<b>Withdrawal of QARD</b>  Estimated Completion Time - 1 week  Issue notification to controlled document holders and issue general notification		09/20/93	09/24/93



**QARD TRA...ION PLAN DETAIL**  
**OCRWM - YMPO**

IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS/COMMENTS	REV PRTY	EST. COMP DATE
AP-1.5Q	Procedure needs revision to include the following: (1) Add technical requirements documents per 6.2.1 (2) Add responsibility for maintaining documents per 6.2.2 (3) Add requirement for documents at work location per 6.2.5.A (4) General-convert implementing steps in notes to numbered process steps; convert to QAP 5.1 format.	11	06/22/93
AP-1.6Q	Procedure does not implement QARD. Convert to Non-Q AP.		Completed 12/92
AP-1.10Q	Procedure needs revision to include the following: (1) Address requirement 2.2.9.C (2) Address requirement 2.2.9.D (3) Address (more specifically) requirement 2.2.9.E.1 (4) Address requirement 2.2.9.E.2 (5) Address requirement 5.2.2.A (6) Address requirement 5.2.2.H (7) Address requirements 5.2.4.A & B, include reference to "stop work." (8) Address requirement III.2.1.A, B & D (9) Address requirement III.2.4.A.1 (10)Address requirement III.2.5.A (11)General-Convert implementing steps (actions) in notes to numbered process steps: convert to QAP 5.1 format.	6	06/15/93
AP-1.17Q	Procedure needs revision to include following QARD requirements: (1) 6.2.6.D.:2s and 6.2.6.E. (2) Section 6.2.8 (3) General-convert to QARD.1 format: convert process steps/responsibilities presently in "Notes."		
AP-1.18Q	Procedure needs revision to include following QARD requirements: (1) 17.2.2.E (2) 17.2.4.B (3) General-delete steps which repeat requirements addressed in other approved procedures and not germane to this procedure, Convert to QAP 5.1 format. Convert requirements addressed in "Notes" to process steps.	10	06/22/93
AP-3.3Q	No QARD requirements are implemented by this procedure, convert to Non-Q AP.	7	06/15/93

**QARD TRA...ION PLAN DETAIL  
OCRWM - YMPO**

IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS/COMMENTS	REV PRTY	EST. COMP DATE
AP-3.5Q	Procedure needs revision to include following QARD requirements: (1) 6.2.5B (2) 6.2.7A. (3) 6.2.7B.2 & 3 (4) General-Convert to QAP 5.1 format	8	06/15/93
AP-3.6Q	Fully implements QARD Sections 3.2.9, 6.2.6C. D & E		
AP-4.1Q	Does not implement QARD requirements; convert to Non-Q AP		
AP-5.1Q	Revise procedure to include implementation of the following QARD requirements: (1) III 2.3 A & B (2) III 2.5 A (3) General-Convert to QAP 5.1 format		
AP-5.2Q	Does not implement QARD requirements; convert to Non-Q AP		
AP-5.3Q	Revise procedure to fully implement the following QARD requirements: (1) III.2.1B. (2) III.2.4A.2 (3) General-Convert to QAP 5.1 format		
AP-5.9Q	Does not implement requirements of QARD. It addresses DD identification of existing data requiring qualifications; then directs a peer review or technical assessment to determine acceptability of the data. Recommending cancellation of this procedure and modification to purpose and scope of QMP-02-08 (Technical Assessment ) and QAAP 3.3 (Peer Review) as method to qualify existing data.		
AP-5.16Q	Does not implement QARD requirements; Convert to Non-Q AP		
AP-5.19Q	Fully implements addressed requirements of QARD. Need to be converted to QAP 5.1 format		
AP-5.20Q	Does not implement QARD requirements; convert to Non-Q AP		
AP-5.21Q	Revise procedure to implement the following QARD requirements: (1) 2.2.3A.1 through 7 (2) 2.2.3B. (3) 5.2.2H. (4) 6.2.5.B. (5) 6.2.6.E. (6) General-Convert to QAP 5.1 format	3	06/08/93

**QARD TRA .ION PLAN DETAIL**  
**OCRWM - YMPO**

IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS/COMMENTS	REV PRTY	EST. COMP DATE
AP-5.24Q	Does not implement QARD requirements. Convert to Non-Q AP.		
AP-5.27Q	Revise procedure to implement following QARD requirements: (1) 15.2.1.B. through F. (2) 15.2.2B. (3) 15.2.4A. (4) 15.2.4C.1. & 2. (5) General-convert to QAP 5.1 format	14	06/29/93
AP-5.32Q	Revise procedure to fully implement following QARD requirements: (1) 2.2.4:2sA. through 2sD. (2) 2.2.4:2sG. and 2sH.	5	06/15/93
AP-5.39Q	Fully implements addressed QARD requirements. Needs to be converted to QAP 5.1 format.		
AP-5.48Q	Fully implements addressed QARD requirements, Needs to be converted to QAP 5.1 format.		
AP-6.1Q	Needs to address requirement that document reviews be conducted by approved procedures that implement requirements of QARD Section 2.2.9. Also need to clear up training requirements addressed in 5.0.4g to establish responsibilities and activities in accordance with QARD Section 2.2.11 and 2.2.12.	1	06/08/93
AP-6.3Q	This procedure meets the QARD requirement for identification of QA records- <u>internal</u> to this specific procedure. No revision required. Convert to QAP 5.1 format		
AP-6.4Q	The purpose and scope should be revised to delete reference to Sections 8 & 13 of QARD, and add reference to Supplement II. Procedure should be revised to address Supplement II in total. Consideration should be given to consolidate the BTPs that address sample control. These are: BTPs-SMF-002; 005; 006; 008; 010; and 013. Currently, this procedure applies to samples only during the time they are under the direct control of the Sample Management Facility. Convert to QAP 5.1 format.	12	06/22/93
AP-6.17Q	Procedure does <u>not</u> implement the applicable QARD requirements. Recommend cancellation, complete revision, or directing responsible Architect/Engineer to develop procedure to address the applicable QARD requirements.	15	06/29/93
AP-6.22Q	Fully implements addressed QARD requirements. Needs to be converted to QAP 5.1 format.		

**QARD TRA...TION PLAN DETAIL**  
**OCRWM - YMPO**

IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS/COMMENTS	REV PRTY	EST. COMP DATE
AP-6.26Q	Procedure needs revision to include the following QARD requirements: (1) 8.2.2A. :1s through 8.2.4c. :2s1. (2) 13.2.1A and B. (3) 13.2.2 through 13.2.2E. (4) 13.2.3A. (5) II.2.1B. through II.2.2B. (6) II.2.3B. through II.2.7B.	13	06/29/93
QMP-01-01	Convert procedure to ILP-Q, IAW QAP 5.1; include steps presently implementing QARD. Address following additional QARD requirements: (1) 1.2.2. :2s (2) 1.2.2. :3s A. and B. (3) 1.2.2. :3s E., F., and H. (4) 1.3.1A. :1s through 1.3.3D	29	07/28/93
QMP-02-01	Convert procedure to ILP-Q, IAW QAP 5.1; include steps presently implementing QARD. Address following additional QARD requirements: (1) 2.2.11 :2s A. and B. (2) 2.2.11 :2s D. (3) 2.2.11 :2s F. (4) 2.2.11 :2s H. (5) 2.2.12	9	06/22/93
QMP-02-08	Does not directly implement QARD requirements; convert to Non-Q ILP IAW QAP 5.1	16	06/29/93
QMP-02-09	Doesn't directly implement QARD requirements, rather, repeats same requirements covered in QMP-02-01. Recommend dropping redundant requirements steps, and conversion to Non-Q ILP IAW QAP 5.1	28	07/21/93
QMP-03-09	Does not implement QARD requirements: convert to Non-Q ILP IAW QAP 5.1		
QMP-04-02	Convert procedure to ILP-Q IAW QAP 5.1: include steps presently implementing QARD. Address following additional QARD requirements: (1) 4.2.1B.2. :2s                      (6) 7.2.1 :2s D.4. and .5. (2) 4.2.1C.1. :1s and 2s              (7) 7.2.1 :2s F. (3) 4.2.1C.2                              (8) 7.2.3B. and C. (4) 4.2.1C.3 :2s                          (9) 7.2.6C. :2s (5) 7.2.1. :2s A                          (10) 7.2.8A. and B.	17	07/07/93

**QARD TRA...ION PLAN DETAIL**  
**OCRWM - YMPO**

IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS/COMMENTS	REV PRTY	EST. COMP DATE
QMP-04-03	Convert procedure to ILP-Q, IAW QAP 5.1: include steps presently implementing QARD. Address following additional QARD requirements: (1) 4.2.1C.1. :2s (2) 4.2.1C.2. (3) 4.2.1C.3.	2	06/08/93
QMP-05-03	Convert procedure to ILP-Q, IAW QAP 5.1; include steps presently implementing QARD. Address following additional QARD requirements: (1) 2.2.2.C.1.b. and c. (2) 2.2.2.C.2 (3) 2.2.2.C.3 :1s and 2s (4) 2.2.2.D :1s	18	07/07/93
QMP-07-04	Convert procedure to ILP-Q, IAW QAP 5.1; include steps presently implementing QARD. Address the following in addition: (1) Source Evaluation Board (2) Performance Based Audits (3) Effectivity for more than YMQAD.	19	07/07/93
QMP-15-01	Convert procedure to ILP-Q, IAW QAP 5.1: include steps presently implementing the QARD. Address following additional QARD requirements: (1) 15.2.1 A. (5) 15.2.4 C. (2) 15.2.1 D. (6) 15.2.4 C.1. (3) 15.2.2 A. :2s (7) 15.2.4 D. (4) 15.2.2 B.	20	07/07/93
QMP-16-03	Implements QARD Section 16.2.5 only. Recommend Converting to ILP-Q, IAW QAP 5.1	21	07/14/93
BTP-EDD-002	Procedure implements QARD Sections 2.2.9A. :1s and 2s. Needs to be converted to ILP-Q, IAW QAP 5.1	4	06/08/93
BTP-RSE-001	Does not implement QARD requirements. Recommend converting to Non-Q ILP, IAW QAP 5.1		
BTP-SMF-002	Procedure implements QARD Section II.2.6A., II.2.6C. :1s and 2s. Needs to be converted to ILP-Q, IAW QAP 5.1	22	07/14/93
BTP-SMF-005	Satisfies QARD requirements for "Samples" at the SMF. Recommend converting to ILP, IAW QAP 5.1 and combining other associated BTP-SMFs to attain full implementation.	23	07/14/93

**QARD TRA      ION PLAN DETAIL**  
**OCROWM - YMPO**

IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS/COMMENTS	REV PRTY	EST. COMP DATE
BTP-SMF-006	Satisfies QARD Sections II.2.1A., II.2.2A. through II.2.3C., and II.2.6A through II.2.6D. Partially implements QARD Sections II.2.1B., II.2.1C., II.2.7A. and II.2.7B. Recommend combining with other associated BTP-SMFs into ILP-Q to attain full implementation.	24	07/14/93
BTP-SMF-008	Satisfies QARD requirement for Field Logging, Handling, and Documenting Borehole Samples. Recommend combining with other associated BTP-SMFs into ILP-Q to attain full implementation.	25	07/21/93
BTP-SMF-010	Satisfies QARD Sections II.2.1.C. :2s and II.2.2A. Recommend combining with other associated BTP-SMFs into ILP-Q to attain full implementation.	26	07/21/93
BTP-SMF-013	Satisfies most of QARD requirements for sample handling, shipping, and transfer, Recommend combining with other associated BTP-SMFs into ILP-Q to attain full implementation.	27	07/21/93
ILP 1.2/OPM-Q	Does not implement QARD requirements. Convert to Non-Q ILP		

**OCRWM PLAN**  
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**REVISED APRIL 9, 1993**

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OCRWM PLAN  
for Implementation of  
DOE/RW-0333P QARD, Rev 0

Section 1  
**SUMMARY IMPACT STATEMENT**

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All training materials, lesson plans, and course outlines will require revision to address the document changes. In addition, training materials will need to be developed for the new implementing procedures. Indoctrination and training (I&T) matrices will need to be reviewed by all supervisors, and revised, if necessary, to reflect the new and revised documents. Completion of required training changes is not a prerequisite for readiness to implement the DOE/RW-0333P QARD. However, personnel, as always, are required to complete training on an activity prior to performing that activity.

Completion of document revision and readiness to fully implement the DOE/RW-0333P QARD is estimated for September 30, 1993.

OCRWM PLAN

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Section 2

OCRWM HEADQUARTERS TRANSITION PLAN

TRANSITION PLAN SUMMARY		ORGANIZATION: HQ	
Activity	Start Date	End Date	
<b>Document Review and Personnel Assignment</b>  Estimated Completion Time - 2 weeks  Matrix Assigned to: Tricia White	12/21/92	01/01/93	
<b>QARD Applicability</b>  Estimated Completion Time - 1 week	01/04/93	01/08/93	
<b>Draft QARD Implementation Matrix</b>  Estimated Completion Time - 2 weeks  Attach Completed Draft QARD Implementation Matrix	01/11/93	01/22/93	
<b>Impact Analysis and Transition Plan</b>  Estimated Completion Time - 1 week  Submit Impact Summary, Transition Summary, Transition Plan, and Draft QARD Implementation Matrix to appropriate OQA Division	01/18/93	01/29/93	
<b>Document Revision</b>  Estimated Completion Time - Varies according to Transition Plan Detail.  Indicate start date and end date for this activity as described in the Transition Plan Detail	02/01/93	07/23/93	
<b>Final QARD Implementation Matrix and Implementing Document describing Organization</b>  Estimated Completion Time - 1 week  Submit final QARD Implementation Matrix and implementing document describing Organization review and acceptance.	08/23/93	08/27/93	

TRANSITION PLAN SUMMARY		ORGANIZATION: HQ	
Activity		Start Date	End Date
<b>Review and Acceptance of Documentation</b>			
Estimated Completion Time - 2 weeks		08/30/93	09/10/93
OQA to issue letter.			
<b>Withdrawal of QAPD</b>			
Estimated Completion Time - 1 week		09/13/93	09/17/93
Issue notification to controlled document holders, issue general notification, and arrange controlled distribution of QARD Implementation Matrix and implementing document describing Organization			
<b>Withdrawal of QARD</b>			
Estimated Completion Time - 1 week		09/20/93	09/24/93
Issue notification to controlled document holders and issue general notification			

QARD TRA...ATION PLAN DETAIL  
OCRWM HQ

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IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS / COMMENTS	REV PRIO	EST. COMP DATE	CON w/ YMP
NEW	A new procedure is required to address annual supplier evaluations required by QARD para 18.2.2 items A through F.	9	07/23/93	Y
NEW	A new procedure is required for software control to meet QARD Supplement I requirements. (EIA is developing as direct support to RW-40.		07/23/93	N
1.1	Already under development, need verification that QAP covers requirements of QARD Section 1; check references and definitions; designate record responsibility and classification (lifetime or nonpermanent).	4	07/23/93	Y
2.1	Reformat, check definitions, add new references, add record designation and record responsibility.		07/23/93	N
2.2	Reformat, check definitions, add new references, add record designations.		07/23/93	N
2.3	Needs complete rewrite to address application of QARD requirements (para. 2.2.3 A-F). Needs to discuss QARD Requirements Matrix and Q-List; also need to reformat, check definitions, add new references, designate record responsibility and classification.		07/23/93	N
2.4	Complete rewrite required to reformat, update references and definitions, designate record responsibility and classification, and to address the new QARD content, format, and revision methods. Also need to address the requirements matrix and its use in the QARD development and revision process to meet QARD para 2.2.2.C.	3	07/23/93	Y
2.6	Need to reformat, update references and definitions, designate record responsibility and classification, and incorporate items listed in QARD 2.2.7 into the list of items that must be included in the attribute list.	12	07/23/93	Y
2.7	Need to reformat, update references and definitions, designate record responsibility and classification, and incorporate items listed in QARD 2.2.6 into the list of items that must be evaluated during management assessments (need to address 4 & 5).	14	07/23/93	Y
2.9	To meet QARD para 16.2.6, add nonconformances to the items to be evaluated for trends (for YMP purposes). Also cover reporting of information as required by QARD 2.2.10. Note that other changes, on root cause, time period, definition of adverse trends and issuing CARs for adverse trends are needed.	11	07/23/93	Y
2.10	Reformat, new references, check definitions, add record classification, record responsibilities. Clarify "organizations affected by the hold".		07/23/93	N
3.3	Change procedure number, Peer Review is now Section 2. Reformat, update references and definitions, designate record responsibility and classification, and add requirement for "a statement on which peer reviewers have not signed and why" to meet QARD 2.2.8.F.1. (or reconsider requirement in 2.2.8.F.1)	13	07/23/93	Y

QARD TR { ATION PLAN DETAIL  
OCRWM HQ

IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS / COMMENTS	REV PRIO	EST. COMP DATE	CON w/ YMP
3.5	Change procedure number to the Section 2.0 series (based on the determination that Section 3.0 does not apply to OCRWM-HQ). Update references and definitions, designate record classification. Update processes for controlling changes and editorial corrections to meet QARD 6.2.6 through 6.2.8. Note: Close previous DARs from YMP also.	10	07/23/93	Y
5.1	Revise references, check definitions, and designate record classification. Also need to add new QARD words from para 2.2.2.B, revise so that items (A-I) listed in QARD para 5.2.2, are listed as potential content of a QA procedure. Update processes for controlling changes and editorial corrections to meet QARD 6.2.6 through 6.2.8. To meet para 17.2.2.A, add requirement to QAP format that procedures identify QA record classification and responsibility for transmitting QA records.	1	05/14/93	Y
6.1	Reformat, update references and definitions, designate record responsibility and classification, and revise paragraph 2.0 to use QARD words from para 6.2.1.		07/23/93	N
6.2	Update references and definitions, designate record classification, revise to state that only those affected by a change review changes (to meet QARD para 2.2.9) and add requirement that revision history be reviewed each time additional changes to controlled documents are proposed (To meet QARD para 6.2.6).	2	05/14/93	Y
7.1	Reformat, update references and definitions, designate record responsibility and classification. Clarify procurement document content requirements regarding supplier's QA programs to cover QARD para 2.2.2 and address the new QARD Requirements matrix. Delete the procurement document review criteria (covered in QAP 6.2, but check list in 6.2 to verify inclusion of all items in QARD 4.2.1). Delete references to MOUs and MOAs if possible. Clarify procurement document change controls to meet QARD 4.2.3. Add QARD 7.2.1.A (identification of organizational responsibilities), QARD items 7.2.1.D.1-9 (integration of activities), 7.2.1.F (relative to level of importance, etc) and 7.2.1.G (involve QA) to procurement planning section. Add QARD 7.2.2 requirements for involvement of QA in the source selection/ evaluation process and 7.2.2.D requirement for documenting the evaluation. Need to add words from QARD 7.2.4 on verification activities, and 7.2.5 on supplier generated documents (also pickup record turnover requirements from Section 17 in procurement document content, etc.). In addition, QARD paragraphs 7.2.6-7.2.8 are not fully addressed.		07/23/93	N
16.1	Reformat, update references and definitions, add record designation and responsibilities. Add requirement that responsible management investigate (documented) non-significant CARS to meet QARD Para 16.2.3 ( <b>Revisit requirement in 16.2.3</b> ). Address reporting corrective action information per QARD 2.2.10.	5	07/23/93	Y
16.2	Reformat, update references and definitions, designate record responsibility and classification.	15	07/23/93	Y

QARD TRAINING PLAN DETAIL  
OCRWM HQ

IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS / COMMENTS	REV PRIO	EST. COMP DATE	CON w/ YMP
17.1	Reformat, update references and definitions, designate record responsibility and classification. Add definitions of lifetime and nonpermanent records. Eliminate duplication with ILP 12.17.01. To meet QARD 17.2.1, add criteria to classify QA records as nonpermanent or lifetime. Add requirement to identify record classification on the typical records and record package lists developed by each organization. Add requirement that records be accurate to meet QARD 17.2.2.B-E. Add requirement for records retrieval "with planned retrieval times based on record type" to meet QARD 17.2.6. Add discussion on record retention to meet QARD 17.2.7. Add 17.2.8.C requirements for line organization to identify records in temporary storage to be submitted for long term storage.		07/23/93	N
18.1	Reformat, update references and definitions, designate record classification and responsibilities. Add specifics from QARD para 18.2.13.A on the goal of orientation (working knowledge, etc.) and the content of training (fundamentals, objectives, examining, questioning, planning, etc. to meet QARD para. 18.2.13.B.1 & 2 and 18.2.13.C. Add other experience categories to Attachment II to meet QARD para 18.2.15.B (scientific investigation, site characterization, etc.). Revise para 6.2.2.2.d. to match list in 18.2.17.B.4. Add new item on OJT to para 6.2.2.2 to match QARD words from para 18.2.17.B.5	6	07/23/93	Y
18.2	Reformat, update references and definitions, designate record responsibility and classification. Revise requirements for scheduling external audits to triennial for compliance and address intermediate performance-based audits on selected work products based on annual evaluations (link to new procedure on annual evaluations). Revise audit plan content requirements to meet QARD 18.2.4. Add that audit personnel shall have sufficient authority, etc. to meet QARD para 18.2.5, and that the audit must include representatives from QA to meet QARD para 18.2.6.A. Add that technical specialists are used to assist in evaluating the adequacy of technical processes to meet QARD para 18.2.6.D. Also cover reporting of information as required by QARD 2.2.10.	7	07/23/93	Y
18.3	Renumber, reformat, update references and definitions, designate record responsibility and classification. Revise scope to use QARD words (2.2.5 1st sentence), refer to CATQ and Nonconformances rather than deficiencies. Also cover reporting of information as required by QARD 2.2.10.	8	07/23/93	Y

QARD TRA .TION PLAN DETAIL  
OCRWM HQ

IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS / COMMENTS	REV PRIO	EST. COMP DATE	CON w/ YMP
ILP 12.17.0 1	Reformat, update references and definitions, designate record responsibility and classification. Eliminate duplication with QAAP 17.1. Add requirement that indication of QA records classification be verified upon record receipt and indicated on the list of records in each record package to meet QARD para. 17.2.1. Add words from QARD para 17.2.3.D on "current and accurate assessment of status in para 6.2.1 and 6.1.2. Add discussion on indexing. Add para 6.2.5 to incorporate words from QARD para 17.2.3.F that following the receipt process, records are filed in QRPs IAW 6.1.2 and submitted to storage IAW para 6.10. To meet QARD para 17.2.5, add in para 6.10 that records (non special-process records) are to be protected from damage from moisture, temperature, and pressure. Add in 6.1.2 that records are assembled into QRPs and filed in binders, folders, or envelopes. Add in 6.10 that cabinets are "steel". To meet QARD para 17.2.6, add in para 6.12 that records shall be retrieved "with planned retrieval times based on record type. To meet QARD para 17.2.7, add discussion on record retention.		07/23/93	N



OCRWM PLAN

for Implementation of  
DOE/RW-0333P QARD, Rev 0

Section 3

YUCCA MOUNTAIN PROJECT OFFICE TRANSITION PLAN

TRANSITION PLAN SUMMARY		ORGANIZATION: YMP	
Activity	Start Date	End Date	
<b>Document Review and Personnel Assignment</b> Estimated Completion Time - 2 weeks Matrix Assigned to: Catherine Hampton	01/04/93	01/08/93	
<b>QARD Applicability</b> Estimated Completion Time - 1 week	01/04/93	01/08/93	
<b>Draft QARD Implementation Matrix</b> Estimated Completion Time - 2 weeks Attach Completed Draft QARD Implementation Matrix	01/04/93	01/29/93	
<b>Impact Analysis and Transition Plan</b> Estimated Completion Time - 1 week Submit Impact Summary, Transition Summary, Transition Plan, and Draft QARD Implementation Matrix to appropriate OQA Division	01/04/93	01/29/93	
<b>Document Revision</b> Estimated Completion Time - Varies according to Transition Plan Detail. Indicate start date and end date for this activity as described in the Transition Plan Detail	02/26/93	07/26/93	
<b>Final QARD Implementation Matrix and Implementing Document describing Organization</b> Estimated Completion Time - 1 week Submit final QARD Implementation Matrix and implementing document describing Organization review and acceptance.	08/23/93	08/27/93	

TRANSITION PLAN SUMMARY		ORGANIZATION: YMP	
Activity		Start Date	End Date
<b>Review and Acceptance of Documentation</b>			
Estimated Completion Time - 2 weeks		08/30/93	09/10/93
OQA to issue letter.			
<b>Withdrawal of QAPD</b>			
Estimated Completion Time - 1 week		09/13/93	09/17/93
Issue notification to controlled document holders, issue general notification, and arrange controlled distribution of QARD Implementation Matrix and implementing document describing Organization			
<b>Withdrawal of QARD</b>			
Estimated Completion Time - 1 week		09/20/93	09/24/93
Issue notification to controlled document holders and issue general notification			

**QARD TR      FION PLAN DETAIL**  
**OCRWM - YMPO**

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IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS/COMMENTS	REV PRTY	EST. COMP DATE
AP-1.5Q	Procedure needs revision to include the following: (1) Add technical requirements documents per 6.2.1 (2) Add responsibility for maintaining documents per 6.2.2 (3) Add requirement for documents at work location per 6.2.5.A (4) General-convert implementing steps in notes to numbered process steps; convert to QAP 5.1 format.	11	06/22/93
AP-1.6Q	Procedure does not implement QARD. Convert to Non-Q AP.		Completed 12/92
AP-1.10Q	Procedure needs revision to include the following: (1) Address requirement 2.2.9.C (2) Address requirement 2.2.9.D (3) Address (more specifically) requirement 2.2.9.E.1 (4) Address requirement 2.2.9.E.2 (5) Address requirement 5.2.2.A (6) Address requirement 5.2.2.H (7) Address requirements 5.2.4.A & B, include reference to "stop work." (8) Address requirement III.2.1.A, B & D (9) Address requirement III.2.4.A.1 (10)Address requirement III.2.5.A (11)General-Convert implementing steps (actions) in notes to numbered process steps: convert to QAP 5.1 format.	6	06/15/93
AP-1.17Q	Procedure needs revision to include following QARD requirements: (1) 6.2.6.D.:2s and 6.2.6.E. (2) Section 6.2.8 (3) General-convert to QARD.1 format: convert process steps/responsibilities presently in "Notes."		
AP-1.18Q	Procedure needs revision to include following QARD requirements: (1) 17.2.2.E (2) 17.2.4.B (3) General-delete steps which repeat requirements addressed in other approved procedures and not germane to this procedure, Convert to QAP 5.1 format. Convert requirements addressed in "Notes" to process steps.	10	06/22/93
AP-3.3Q	No QARD requirements are implemented by this procedure, convert to Non-Q AP.	7	06/15/93

**QARD TRA .TION PLAN DETAIL  
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IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS/COMMENTS	REV PRTY	EST. COMP DATE
AP-3.5Q	Procedure needs revision to include following QARD requirements: (1) 6.2.5B (2) 6.2.7A. (3) 6.2.7B.2 & 3 (4) General-Convert to QAP 5.1 format	8	06/15/93
AP-3.6Q	Fully implements QARD Sections 3.2.9, 6.2.6C. D & E		
AP-4.1Q	Does not implement QARD requirements; convert to Non-Q AP		
AP-5.1Q	Revise procedure to include implementation of the following QARD requirements: (1) III 2.3 A & B (2) III 2.5 A (3) General-Convert to QAP 5.1 format		
AP-5.2Q	Does not implement QARD requirements; convert to Non-Q AP		
AP-5.3Q	Revise procedure to fully implement the following QARD requirements: (1) III.2.1B. (2) III.2.4A.2 (3) General-Convert to QAP 5.1 format		
AP-5.9Q	Does not implement requirements of QARD. It addresses DD identification of existing data requiring qualifications; then directs a peer review or technical assessment to determine acceptability of the data. Recommending cancellation of this procedure and modification to purpose and scope of QMP-02-08 (Technical Assessment ) and QAAP 3.3 (Peer Review) as method to qualify existing data.		
AP-5.16Q	Does not implement QARD requirements; Convert to Non-Q AP		
AP-5.19Q	Fully implements addressed requirements of QARD. Need to be converted to QAP 5.1 format		
AP-5.20Q	Does not implement QARD requirements; convert to Non-Q AP		
AP-5.21Q	Revise procedure to implement the following QARD requirements: (1) 2.2.3A.1 through 7 (2) 2.2.3B. (3) 5.2.2H. (4) 6.2.5.B. (5) 6.2.6.E. (6) General-Convert to QAP 5.1 format	3	06/08/93

**QARD TRA FION PLAN DETAIL**  
**OCRWM - YMPO**

IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS/COMMENTS	REV PRTY	EST. COMP DATE
AP-5.24Q	Does not implement QARD requirements. Convert to Non-Q AP.		
AP-5.27Q	Revise procedure to implement following QARD requirements: (1) 15.2.1.B. through F. (2) 15.2.2B. (3) 15.2.4A. (4) 15.2.4C.1. & 2. (5) General-convert to QAP 5.1 format	14	06/29/93
AP-5.32Q	Revise procedure to fully implement following QARD requirements: (1) 2.2.4:2sA. through 2sD. (2) 2.2.4:2sG. and 2sH.	5	06/15/93
AP-5.39Q	Fully implements addressed QARD requirements. Needs to be converted to QAP 5.1 format.		
AP-5.48Q	Fully implements addressed QARD requirements, Needs to be converted to QAP 5.1 format.		
AP-6.1Q	Needs to address requirement that document reviews be conducted by approved procedures that implement requirements of QARD Section 2.2.9. Also need to clear up training requirements addressed in 5.0.4g to establish responsibilities and activities in accordance with QARD Section 2.2.11 and 2.2.12.	1	06/08/93
AP-6.3Q	This procedure meets the QARD requirement for identification of QA records <u>internal</u> to this specific procedure. No revision required. Convert to QAP 5.1 format		
AP-6.4Q	The purpose and scope should be revised to delete reference to Sections 8 & 13 of QARD, and add reference to Supplement II. Procedure should be revised to address Supplement II in total. Consideration should be given to consolidate the BTPs that address sample control. These are: BTPs-SMF-002; 005; 006; 008; 010; and 013. Currently, this procedure applies to samples only during the time they are under the direct control of the Sample Management Facility. Convert to QAP 5.1 format.	12	06/22/93
AP-6.17Q	Procedure does <u>not</u> implement the applicable QARD requirements. Recommend cancellation, complete revision, or directing responsible Architect/Engineer to develop procedure to address the applicable QARD requirements.	15	06/29/93
AP-6.22Q	Fully implements addressed QARD requirements. Needs to be converted to QAP 5.1 format.		

**QARD TRAITION PLAN DETAIL**  
**OCRWM - YMPO**

IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS/COMMENTS	REV PRTY	EST. COMP DATE
AP-6.26Q	Procedure needs revision to include the following QARD requirements: (1) 8.2.2A. :1s through 8.2.4c. :2s1. (2) 13.2.1A and B. (3) 13.2.2 through 13.2.2E. (4) 13.2.3A. (5) II.2.1B. through II.2.2B. (6) II.2.3B. through II.2.7B.	13	06/29/93
QMP-01-01	Convert procedure to ILP-Q, IAW QAP 5.1; include steps presently implementing QARD. Address following additional QARD requirements: (1) 1.2.2. :2s (2) 1.2.2. :3s A. and B. (3) 1.2.2. :3s E., F., and H. (4) 1.3.1A. :1s through 1.3.3D	29	07/28/93
QMP-02-01	Convert procedure to ILP-Q, IAW QAP 5.1; include steps presently implementing QARD. Address following additional QARD requirements: (1) 2.2.11 :2s A. and B. (2) 2.2.11 :2s D. (3) 2.2.11 :2s F. (4) 2.2.11 :2s H. (5) 2.2.12	9	06/22/93
QMP-02-08	Does not directly implement QARD requirements; convert to Non-Q ILP IAW QAP 5.1	16	06/29/93
QMP-02-09	Doesn't directly implement QARD requirements, rather, repeats same requirements covered in QMP-02-01. Recommend dropping redundant requirements steps, and conversion to Non-Q ILP IAW QAP 5.1	28	07/21/93
QMP-03-09	Does not implement QARD requirements: convert to Non-Q ILP IAW QAP 5.1		
QMP-04-02	Convert procedure to ILP-Q IAW QAP 5.1: include steps presently implementing QARD. Address following additional QARD requirements: (1) 4.2.1B.2. :2s (6) 7.2.1 :2s D.4. and .5. (2) 4.2.1C.1. :1s and 2s (7) 7.2.1 :2s F. (3) 4.2.1C.2 (8) 7.2.3B. and C. (4) 4.2.1C.3 :2s (9) 7.2.6C. :2s (5) 7.2.1. :2s A (10) 7.2.8A. and B.	17	07/07/93

**QARD TRA      TION PLAN DETAIL**  
**OCRWM - YMPO**

IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS/COMMENTS	REV PRTY	EST. COMP DATE
QMP-04-03	Convert procedure to ILP-Q, IAW QAP 5.1: include steps presently implementing QARD. Address following additional QARD requirements: (1) 4.2.1C.1. :2s (2) 4.2.1C.2. (3) 4.2.1C.3.	2	06/08/93
QMP-05-03	Convert procedure to ILP-Q, IAW QAP 5.1; include steps presently implementing QARD. Address following additional QARD requirements: (1) 2.2.2.C.1.b. and c. (2) 2.2.2.C.2 (3) 2.2.2.C.3 :1s and 2s (4) 2.2.2.D :1s	18	07/07/93
QMP-07-04	Convert procedure to ILP-Q, IAW QAP 5.1; include steps presently implementing QARD. Address the following in addition: (1) Source Evaluation Board (2) Performance Based Audits (3) Effectivity for more than YMQAD.	19	07/07/93
QMP-15-01	Convert procedure to ILP-Q, IAW QAP 5.1: include steps presently implementing the QARD. Address following additional QARD requirements: (1) 15.2.1 A.                      (5) 15.2.4 C. (2) 15.2.1 D.                      (6) 15.2.4 C.1. (3) 15.2.2 A. :2s                  (7) 15.2.4 D. (4) 15.2.2 B.	20	07/07/93
QMP-16-03	Implements QARD Section 16.2.5 only. Recommend Converting to ILP-Q, IAW QAP 5.1	21	07/14/93
BTP-EDD-002	Procedure implements QARD Sections 2.2.9A. :1s and 2s. Needs to be converted to ILP-Q, IAW QAP 5.1	4	06/08/93
BTP-RSE-001	Does not implement QARD requirements. Recommend converting to Non-Q ILP, IAW QAP 5.1		
BTP-SMF-002	Procedure implements QARD Section II.2.6A., II.2.6C. :1s and 2s. Needs to be converted to ILP-Q, IAW QAP 5.1	22	07/14/93
BTP-SMF-005	Satisfies QARD requirements for "Samples" at the SMF. Recommend converting to ILP, IAW QAP 5.1 and combining other associated BTP-SMFs to attain full implementation.	23	07/14/93



**QARD TRA NION PLAN DETAIL**  
**OCRWM - YMPO**

IMPL DOC	STATUS OF IMPLEMENTING DOCUMENTS/COMMENTS	REV PRTY	EST. COMP DATE
BTP-SMF-006	Satisfies QARD Sections II.2.1A., II.2.2A. through II.2.3C., and II.2.6A through II.2.6D. Partially implements QARD Sections II.2.1B., II.2.1C., II.2.7A. and II.2.7B. Recommend combining with other associated BTP-SMFs into ILP-Q to attain full implementation.	24	07/14/93
BTP-SMF-008	Satisfies QARD requirement for Field Logging, Handling, and Documenting Borehole Samples. Recommend combining with other associated BTP-SMFs into ILP-Q to attain full implementation.	25	07/21/93
BTP-SMF-010	Satisfies QARD Sections 12.2.1.C. :2s and II.2.2A. Recommend combining with other associated BTP-SMFs into ILP-Q to attain full implementation.	26	07/21/93
BTP-SMF-013	Satisfies most of QARD requirements for sample handling, shipping, and transfer, Recommend combining with other associated BTP-SMFs into ILP-Q to attain full implementation.	27	07/21/93
ILP 1.2/OPM-Q	Does not implement QARD requirements. Convert to Non-Q ILP		