

CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES

CORRECTIVE ACTION REQUEST

CAR No: 95-01

Associated AR,SR,NCR No: CNWRA AR 95-01

PART A: DESCRIPTION OF CONDITION ADVERSE TO QUALITY

Paragraph 3.3.2 of the Center Quality Assurance Manual requires that Operations Plans and Project Plans identify the sections of the manual which apply to activities. None of the plans reviewed, list attached, contained such identification.

Initiated by: Don Dunavant *DD*

Date: 06/09/95

PART B: PROPOSED ACTION

Responsible EM: B. Mabrito

Response Due: 7/24/95

1) Extent of Condition:

All Operations Plans and Project Plans are affected by this condition.

2) Root Cause:

With the issuance of QAP-013 in ^{95 06 6/27/95} 2/91, the portions of the QAM and procedures applicable to a specific tasks were identified in the Quality Requirements Applications Matrices. These matrices provided a finer level of detail, being at the task level and identifying specific procedures. Section 2.4.2 of the QAM was revised to accommodate this change, but an oversight neglected revising Section 3.3.2.

3) Remedial Action:

Proposed Completion Date: 8/31/95

Revise the QAM to remove this requirement. No other changes are necessary, as QAM Section 2.4.2 addresses the quality planning process.

4) Corrective Action to Preclude Recurrence:

None is required beyond the remedial action.

Proposed Completion Date: N/A

Element Manager: *Samu Malento*

Date: 6/27/95

PART C: APPROVAL

Comments/Instructions

Director of QA: *Samu Malento*

Date: 7/3/95

PART D: VERIFICATION OF CORRECTIVE ACTION IMPLEMENTATION

QAM has 2 Chgs was effective 8/18/95, and removed the req removed

Verified by: *Redford*

Date: 8/21/95

ATTACHEMENT TO CAR 95-01

Operations Plans for the Division of Waste Management, May 1995

Project Plan for Thermo Hydrology, R 3, C 7, Aug 1994

Project Plan for Volcanic Systems, R 1, C 7, Aug 1994

Project Plan for Rock Mechanics, R 5, C 1, Feb 1995

**Project Plan for High Level Waste Near-Field Processes and Variations,
R 1, C 0, Apr 1995**

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Rev. 2, Change 8

August 1995

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EFFECTIVITY AND APPROVAL

Revision 2 of this procedure became effective on 06/01/90. This procedure consists of the pages and changes listed below.

<u>Section</u>	<u>Page No.</u>	<u>Change</u>	<u>Date of Effective</u>
Introduction	1.1	5	10/21/93
Introduction	1.2	0	06/01/90
Introduction	1.3	7	03/24/95
1	1.1	4	04/21/92
1	1.2	0	06/01/90
1	1.3-1.4	6	02/04/94
1	1.5	2	05/09/91
1	1.6	0	06/01/90
1	1.7-1.8	7	03/24/95
1	1.9	6	02/04/94
2	2.1-2.2	0	06/01/90
2	2.3	7	03/24/95
2	2.4	4	04/21/92
2	2.5-2.6	7	03/24/95
2	2.7	5	10/21/93
2	2.8-2.9	2	05/09/91
3	3.1	7	03/24/95
3	3.2	8	06/18/95
3	3.3-3.10	7	03/24/95
4	4.1	0	06/01/90
5	5.1-5.2	4	04/21/92
6	6.1	4	04/21/92
6	6.2	2	05/09/91
6	6.3	4	04/21/92
6	6.4	0	06/01/90
6	6.5-6.6	4	04/21/92
6	6.7	2	05/09/91
6	6.8	1	10/05/90

Approvals

Director of Quality Assurance

Date

CNWRA President

Date

[Signature]

8/18/95

[Signature]

8/18/95

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vision of the SRA products in the database are available for review and report development, and (iii) to control changes to the SRA products in the database.

3.3.2 Technical Assistance and Research

Project Plans and Operations Plans provide for planning and general control of technical activities, which may include literature searches, design of experiments, experiments and tests, data analysis and computer model analysis. Plans identify the technical objectives, describe each task of the technical program, and describe the program management.

Scientific Notebooks are utilized to plan and control technical tasks. Since the specific direction of a technical activity usually depends on the outcome of preceding activities, the exact method cannot be planned in advance. The Scientific Notebook documents the decision paths leading to performance of an activity and also identifies the method used, provides for quality verification, and documents the results. The Scientific Notebook provides adequate controls of activities affecting quality while allowing flexibility and adaptability for developmental and experimental technical activities.

3.4 LITERATURE SEARCHES

- (1) Operations Plans and Project Plans shall identify the individual(s) responsible for literature search tasks, based on the qualifications required to perform the task.
- (2) The results of a literature search shall be documented and shall receive a technical review in accordance with applicable operating procedures.

3.5 CONTROL OF EXISTING DATA

- (1) Quality planning (see Section 2.4.2) shall identify tasks in which existing data, collected without required quality assurance program controls, may be used for interpretation or analysis. Existing data which will not be used to support conclusions affecting licensing support activities are not subject to qualification.
- (2) Existing data qualification shall be accomplished by peer review, use of corroborating data, use of confirmatory testing, or collection under an equivalent QA program, under