

OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT
QUALITY ASSURANCE PROGRAM
QUARTERLY TRENDS REPORT
COVERING THE PERIOD OCTOBER 1991 - SEPTEMBER 1992

Approved R. W. Clark Date 10/20/92
For Donald G. Horton, Director
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EXECUTIVE SUMMARY

1.0 Introduction

Quality Assurance Administrative Procedure (QAAP) 2.9, *Quality Assurance Program Trend Evaluation and Reporting*, Revision 3, requires that each of the OCRWM Quality Assurance Divisions evaluate, at quarterly intervals, all Corrective Action Requests (CARs) issued within the last twelve months that identified significant conditions adverse to quality. The purpose of this evaluation is to determine if any adverse trends or generic adverse trends are evident in the OCRWM QA Program and to take prompt corrective action where such trends exist.

This report covers the period from October 1, 1991 through September 30, 1992 and evaluates all CARs that reported either Severity Level 1 conditions (using the previous CAR classification method) or Significant Conditions Adverse to Quality (using the current CAR classification method). This evaluation incorporates new data from CARs issued during the quarter October 1991-September 1992.

Section 1 reports the results of the Headquarters Quality Assurance Division (HQAD) trend evaluation. Section 2 reports the results of the Yucca Mountain Site Characterization Project Quality Assurance Division (YMQAD) trend evaluation. Each section provides the status of previously reported adverse trends and identifies current adverse or generic adverse trends. Each section also contains details on problems constituting current adverse or generic adverse trends, discusses causes and actions to correct these trends, and includes a table of CARs that were evaluated.

2.0 Summary

A total of thirteen (13) CARs were evaluated during the reporting period. The HQAD evaluated five (5) CARs and the YMQAD evaluated eight (8) CARs. No adverse trends or generic adverse trends were evident in either of the evaluations.

One CAR issued by YMQAD (CAR YM-92-076), which identified deficiencies in corrective action response evaluation and verification, was determined to be significant because it was a repetition of a reported deficiency. The earlier CAR referenced (YM-91-064) was not issued within the twelve month period covered by this report and further evaluation concluded that the deficient conditions differed. Therefore, the issuance of this CAR did not constitute an adverse trend.

SECTION 1

HEADQUARTERS

1.0 Status of Previously Reported Trends

There are no previously reported trends.

2.0 Current Adverse and Generic Adverse Trends

No adverse or generic adverse trends were evident from an evaluation of five (5) Corrective Action Requests (CARs), issued by Headquarters during the last twelve months that identified significant conditions adverse to quality.

See Table 1-1, Significant Condition Data Base for HQ Trend Evaluation, for a list of CARs evaluated.

3.0 Problems Constituting Current Adverse Trends or Generic Adverse Trends

Since there are no current adverse or generic adverse trends at Headquarters, no problems constituting trends are evident.

4.0 Summaries of Identified Causes and Actions Required to Correct Current Adverse Trends or Generic Adverse Trends

Not applicable.

TABLE 1-1: SIGNIFICANT CONDITION DATA BASE FOR HQ TREND EVALUATION

CAR Number	CAR Issue Date	Resp. Org.	Adverse Condition
HQ-91-035	10/22/91	EM-343	Generic noncompliance with procedures
HQ-91-036	10/22/91	EM-343	Lack of I&T plans and schedules
HQ-91-039	10/22/91	EM-343	Work in the quality assurance program has not been classified.
HQ-92-003	11/08/91	RW-30	Technical baseline for transportation is not available.
HQ-92-007	03/30/92	ORNL	Procurement documents do not contain QA program requirements and were not subjected to QA or technical review.

SECTION 2

YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT

1.0 STATUS OF PREVIOUSLY REPORTED TRENDS

There are no unresolved adverse quality trends, and no unresolved trends carried forward into the quarter July-September 1992.

2.0 CURRENT ADVERSE AND GENERIC ADVERSE TRENDS

Eight CARs issued by the Yucca Mountain Quality Assurance Division (YMQAD) during the past twelve months identified conditions significantly adverse to quality. No adverse or generic adverse trends were identified during evaluation of those CARs.

CAR YM-92-076 was classified as a significant condition adverse to quality based on the repetitive nature of the deficiency. Specifically, the CAR cited a) acceptance of an audit finding response that failed to address all of the adverse conditions reported in the finding, and b) verification of corrective action without noting that the remaining two parts of the finding had not been addressed or that one of those two parts had not been corrected. Although CAR YM-92-076 was judged to be significant on the basis of inadequate verification of corrective action for an earlier audit finding (June 1991), the two cases differed in the following respect: The earlier instance involved verification without objective evidence of corrective action completion, while the latter involved failure to relate corrective action back to all of the adverse conditions originally reported. On that basis, and on the grounds that each case was an isolated instance within its timeframe, CAR YM-92-076 is judged not to indicate an adverse trend.

See Table 2-1, Significant Condition Data Base for YMP Trend Evaluation, for a list of CARs evaluated.

3.0 PROBLEMS CONSTITUTING CURRENT ADVERSE TRENDS OR GENERIC ADVERSE TRENDS

In the absence of current trends or generic adverse trends, no such problems exist.

4.0 SUMMARIES OF IDENTIFIED CAUSES AND ACTIONS REQUIRED TO CORRECT CURRENT ADVERSE TRENDS OR GENERIC ADVERSE TRENDS

Not applicable.

TABLE 2-1: SIGNIFICANT CONDITION DATA BASE FOR YMP TREND EVALUATION

CAR Number	CAR Issue Date	Resp. Org.	Adverse Condition
YM-92-005	10/91	YMP (PNL)	Battelle's Pacific Northwest Laboratories were performing Project quality-related work without an OCRWM-approved QA program.
YM-92-007	10/91	YMP	Lack of procedure to control modification of NVO contracts to support YMP.
YM-92-018	12/91	LLNL	Adverse audit findings being reported as observations.
YM-92-023	02/92	YMP	Major procedure changes classified as minor on ICNs.
YM-92-033	04/92	YMP	Individual records not traceable to Study Plan or Job Package.
YM-92-059	08/92	SNL	Not all underground explosion data described as qualified in the YMP Technical Data Catalog was collected under a fully qualified QA program or qualified by the AP-5.9Q "existing data qualification" process.
YM-92-062	08/92	YMP	Surface Based Testing Facilities Requirements Document (Section VI of YMP/CM-0007) requirement descriptions for several surface based testing activities did not contain qualitative or quantitative criteria for determining that the activities have been accomplished satisfactorily.
YM-92-076	09/92	SAIC	One Quarterly Finding Report (QFR) identified a three-part deficiency, but a response that addressed only one part was accepted, and the QFR was closed out without noting that the other parts had not been addressed in the response or that one of the two had not been corrected.