

U.S. DEPARTMENT OF ENERGY
OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT
OFFICE OF QUALITY ASSURANCE

SUPPLIER AUDIT REPORT

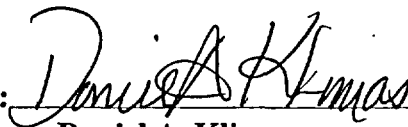
OF

SCHLUMBERGER WELL SERVICES

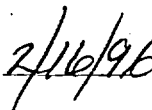
BAKERSFIELD, CALIFORNIA

REPORT NUMBER OQA-SA-96-008
JANUARY 25, 1996

Prepared by:



Date:

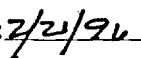


Daniel A. Klimas
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Approved by:



Date:



Donald G. Horton
Director
Office of Quality Assurance

1.0 EXECUTIVE SUMMARY

The results of the supplier audit of Schlumberger Well Services revealed unsatisfactory conditions resulting in the issuance of one internal deficiency report by Schlumberger for corrective action related to the Quality Assurance program for the Office of Civilian Radioactive Waste Management (OCRWM) activities. Implementing procedures were in place for the scope of work and implementation was considered to be effective in producing the desired results, except in the areas found to be unsatisfactory.

Schlumberger Well Services collects geophysical logging data from boreholes located at Area 25 at the Nevada Test Site in support of the Yucca Mountain Site Characterization Project Surface Based Testing Program.

The unsatisfactory conditions identified during the audit were discussed with Schlumberger management who agreed to correct the unsatisfactory conditions. Corrective action associated with Sustaining Report S3 will be evaluated by the Office of Quality Assurance (OQA) and verification of closure will be performed by OQA as appropriate. The unsatisfactory conditions are detailed in Section 5.0.

2.0 SCOPE

The supplier audit was conducted to evaluate the adequacy, implementation and effectiveness of the Schlumberger QA program. This was accomplished by determining if the Schlumberger QA program meets the quality and technical requirements specified in the Science Applications International Corporation (SAIC) Purchase Order, No. 39-95-116-59, the Schlumberger Operations Quality Manual, Revision B, dated May 19, 1995, and the OCRWM Quality Assurance Requirements and Description document (QARD) for the specific scope of work. The QA Program elements determined to be applicable are: Organization; QA Program; Procurement Document Control; Implementing Documents; Document Control; Control of Purchased Items and Services; Control of Measuring and Test Equipment; Nonconformances; Corrective Action; Quality Assurance Records; and Audits.

3.0 AUDIT TEAM AND OBSERVERS

Daniel A. Klimas, Audit Team Leader, Yucca Mountain Quality Assurance Division (YMQAD)

Richard L. Weeks, Auditor, YMQAD

4.0 PERSONNEL CONTACTED DURING FACILITY AUDIT

Mark Rixon, District Manager, Schlumberger Well Services

5.0 SUMMARY OF AUDIT RESULTS

The Schlumberger Operations Manual addresses the applicable elements of the SAIC Purchase Order, No. 39-95-116-59, and the applicable elements of the OCRWM QARD for the intended scope of work. Procedures were in place and implementation was considered to be effective except for those areas determined to be unsatisfactory. There were no implementing procedures describing the training requirements and the related documentation. The requirements for the review, approval, distribution, and control of documents were not detailed in a procedure. Methods for identifying and controlling quality related records were not described by procedure. Details of the unsatisfactory conditions and recommendations are described in Section 6.0.

6.0 DEFICIENCIES/CORRECTED DURING THE AUDIT/RECOMMENDATIONS

The unsatisfactory conditions have been documented on Schlumberger Sustaining Request S3 for corrective action and resolution. There were no conditions that were corrected during the audit and no recommendations.

DEFICIENCIES

1. Schlumberger Sustaining Request S3 - Procedures that describe how an employee is trained and how this will be documented, how documents will be controlled and distributed, and how quality records will be identified and controlled will be developed, approved, and implemented to address these unsatisfactory conditions. Additionally, the required retention times for quality records will be revised in the Schlumberger Operations Quality Manual to comply with the required retention time for nonpermanent QA records.