



Department of Energy

Washington, DC 20585

QA: L

JUL 22 1997

L. D. Foust, Technical Project Officer
for Yucca Mountain Site
Characterization Project
TRW Environmental Safety Systems, Inc.
1180 Town Center Drive, M/S 423
Las Vegas, NV 89134

**AUDIT REPORT FOR THE U.S. DEPARTMENT OF ENERGY OFFICE OF CIVILIAN
RADIOACTIVE WASTE MANAGEMENT OFFICE OF QUALITY ASSURANCE (OQA)
SUPPLIER AUDIT OQA-SA-97-026 OF GEOKON, INC.**

Enclosed is the audit report OQA-SA-97-026 of Geokon, Inc. The audit was performed June 26-27, 1997, at its Lebanon, New Hampshire, facility. The audit criteria is delineated in the Civilian Radioactive Waste Management System Management and Operating Contractor's (CRWMS M&O) Contract A0ZZ49JM7C and Sandia National Laboratories' (SNL) Purchase Order AU-5504. The audit resulted in the issuance of one Corrective Action Report (CAR).

The specific conditions adverse to quality relate to: (1) No evidence that personnel performing calibrations have been trained; (2) No evidence of qualification of suppliers performing quality affecting work; (3) No objective evidence of audits of suppliers; (4) No evidence of Quality Assurance review of purchase orders; (5) No evidence provided by Geokon, Inc. to reflect compliance with the CRWMS M&O contract as it relates to the use of sub-tier suppliers; (6) Purchase orders issued to procure quality affecting services did not address quality requirements to be imposed on the supplier; (7) There are no operation procedures which address and control measuring and test equipment; (8) Calibration instructions are not in place for the calibration of all Geokon, Inc.'s standards; (9) No documentation for measuring and test equipment found to be non-operational as to an impact evaluation on previous calibrations; and (10) No documented evidence of management reviews of audit results.

The results of the audit warrant a recommendation that future use of Geokon, Inc. be suspended until a full evaluation of the impact of the deficiencies on calibrations performed by Geokon, Inc. have been performed and a determination that Geokon, Inc. is in full compliance with its quality program. Immediate action needs to be taken to place a restriction on the Qualified Supplier List to restrict the use of this supplier until all actions regarding the CAR have been responded to, evaluated as acceptable, and verification of implementation of corrective action has occurred.

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The CAR, with response due date, has been provided to CRWMS M&O and CRWMS M&O/SNL for action. Tracking of the CAR will be the responsibility of the OQA.

The audit is considered complete and closed as of the date of this letter. Resolutions to the CAR will be evaluated by the OQA and closed as appropriate.

If you have any questions, please contact either James Blaylock at (702) 794-1420 or Richard L. Maudlin at (702) 794-1302.



Donald G. Horton, Director
Office of Quality Assurance

OQA:JB-1903

Enclosure:
Audit Report OQA-SA-97-026

JUL 22 1997

cc w/encl:

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