



Department of Energy

Washington, DC 20585

QA: L

JUN 12 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-97-022 OF ARI INDUSTRIES, INC.**

Enclosed is the audit report OQA-SA-97-022 of ARI Industries, Inc. The audit was performed May 19-20, 1997 at its Addison, Illinois, facility. The audit criteria is delineated in Sandia National Laboratories' (SNL) contract AU-5498. The audit resulted in the issuance of one Deficiency Report (DR).

The DR addresses deficiencies which relate to the lack of traceability of calibration documentation to the specific equipment calibrated and a lack of traceability of the standards to the calibration data sheets. Also, the calibration data sheets did not reference the procedure(s) used to perform the calibrations of the Civilian Radioactive Waste Management System Management and Operating Contractor (CRWMS M&O)/SNL thermocouples.

The results of the audit warrant a recommendation that shipment of thermocouples calibrated by ARI Industries, Inc. be suspended until an evaluation of the impact of the deficiencies on completed calibrations has been performed and a determination of what actions are necessary to resolve the deficiencies and assure that remedial actions and actions to prevent recurrence have been fully implemented by ARI Industries, Inc. Responsibility for continued use of ARI Industries, Inc. prior to resolution of the noted conditions rests with the CRWMS M&O/SNL.

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

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

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L. D. Foust

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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-1684

Enclosure:
Audit Report OQA-SA-97-022

JUN 12 1997

cc w/encl:

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