

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

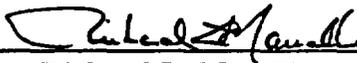
SUPPLIER AUDIT REPORT OQA-SA-98-001

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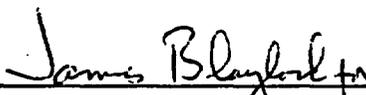
ARI INDUSTRIES, INC.

ADDISON, ILLINOIS

OCTOBER 23, 1997

Prepared by: 
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Office of Quality Assurance

Date: 11-10-97

Approved by: 
Donald G. Horton
Director
Office of Quality Assurance

Date: 11/14/97

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ENCLOSURE

1.0 EXECUTIVE SUMMARY

The results of the limited scope supplier audit of ARI Industries, Inc. (ARI) revealed satisfactory implementation of the control of Measuring and Test Equipment (M&TE). No deficiencies were identified. The audit revealed that standards being used for the calibration of thermocouples were uniquely identified and that the identification of the standards was traceable to the documentation indicating calibration status. The card file maintained by ARI for the calibration of standards was structured to sequentially denote the unique identification number. The inspection technician who performs the calibrations appeared to reflect a good understanding of the process and has been with ARI for a number of years. The calibration area was well organized and where calibration status labels could be used, they were found to be in compliance with the QA program.

2.0 SCOPE

The limited scope supplier audit was conducted to evaluate the implementation and effectiveness of ARI's quality program as it applies to the control of M&TE. This was accomplished by evaluation of the requirements in ARI's Quality Assurance (QA) Manual, Revision 01/08/97, and any associated implementing procedures. In addition, a follow-up verification of Deficiency Report (DR) YM-97-D-051 was to be performed to verify implementation of corrective action.

3.0 AUDIT TEAM AND OBSERVERS

Richard L. Maudlin, Audit Team Leader, Office of Quality Assurance (OQA)

4.0 PERSONNEL CONTACTED DURING FACILITY AUDIT

J. T. Mulvey, QA Manager, ARI
K. E. Hoge, QA Engineer, ARI
Don Nicoski, Inspection Technician, ARI

5.0 SUMMARY OF AUDIT RESULTS

Implementation of ARI's QA Manual, Revision 01/08/97, and associated implementing procedures for the control of M&TE was considered satisfactory and effective in producing the desired results.

The results of the follow-up verification of implementation of corrective action to DR YM-97-D-051 were satisfactory. The status of DR YM-97-D-051 is pending evaluation and will be processed in accordance with the corrective action system.

The details of the audit, along with the objective evidence reviewed, are contained within the audit checklist, which is available from the OQA's supplier evaluation files.

6.0 DEFICIENCIES

There were no unsatisfactory conditions identified during this audit which would have resulted in the issuance of a deficiency document.