



Department of Energy

Washington, DC 20585

OCT 08 1997

QA: L

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for Yucca Mountain Site
Characterization Project
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**AUDIT REPORT FOR THE U.S. DEPARTMENT OF ENERGY OFFICE OF CIVILIAN
RADIOACTIVE WASTE MANAGEMENT OFFICE OF QUALITY ASSURANCE (OQA)
SUPPLIER AUDIT OQA-SA-97-030 OF ARGONNE NATIONAL LABORATORY (ANL)**

Enclosed is Supplier Audit Report OQA-SA-97-030 of ANL. The audit was performed September 16-17, 1997, at its Argonne, Illinois, facility. Although the Civilian Radioactive Waste Management System Management and Operating Contractor's (CRWMS M&O) Memorandum Purchase Order A05532LM6X states that the work will be performed in accordance with CRWMS M&O implementing procedures, ANL was performing work to ANL's Quality Assurance (QA) Plan and implementing procedures. The audit criteria are delineated in ANL's QA Plan YMP-02-001, Revision 2, as approved by Lawrence Livermore National Laboratory and the applicable requirements of the Quality Assurance Requirements and Description document for the intended scope of work. The audit resulted in the issuance of two Deficiency Reports (DR).

Implementation of ANL's QA program and procedures were determined to be effectively implemented; however, two conditions requiring corrective action were identified:
(1) The calibration services for a thermometer was procured as a commercial procurement without evaluation of the supplier; and (2) There is no documented procedure for performing internal and external audits as required by ANL's QA Plan.

The DRs, with response due dates, have been provided to CRWMS M&O for action. Tracking of the DRs will be the responsibility of the OQA.

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

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If you have any questions, please contact either James Blaylock at (702) 794-1420 or Daniel A. Klimas at (702) 794-1495.

James Blaylock for
Donald G. Horton
Office of Quality Assurance

OQA:JB-0051

Enclosure:
Supplier Audit OQA-SA-97-030