

United States Government

Department of Energy

memorandum**Carlsbad Area Office
Carlsbad, New Mexico 88221**

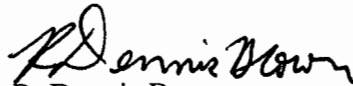
DATE: June 8, 1998
**REPLY TO
ATTN OF:** CAO:QA:RAS 98-0909 UFC 2300
SUBJECT: Audit A-98-20 of TRUtech's Characterization and Certification Program
TO: Karen Knudtsen, TRUtech Project Manager



Please be advised that a team of auditors and technical specialists from the Carlsbad Area Office will conduct an audit of TRUtech at the Nevada Test Site (NTS) on June 22-26, 1998. The audit will be conducted in accordance with the attached audit plan.

Your representatives are requested to coordinate with the audit team to develop the necessary documentation for the audit team to gain access to the facilities, arrange for appropriate space to conduct meetings, provide cognizant personnel to support the audit, and provide the audit team with access to appropriate documentation and records.

If you have any questions or comments concerning this audit, please contact Butch Stroud at (505) 234-7483.


R. Dennis Brown
Quality Assurance Manager

Attachment



Printed on recycled paper

980608



Karen Knudtsen

- 2 -

June 8, 1998

cc w/attachment:

D. Brown, CAO

M. Italiano, CAO

S. Nielson, CAO

B. Stroud, CAO

D. Winters, DNFSB

B. Walker, EEG

C. Byrum, EPA

M. Eagle, EPA

✓ S. Zappe, NMED

C. Karney, NV

G. Streier, TRUtech

J. Stroble, WID

J. Ptacek, CTAC

CAO QA File

CARLSBAD AREA OFFICE AUDIT PLAN

Audit Number: A-98-20

Organization: TRUtech Mobile Systems

Date and June 22-26, 1998

Location: Nevada Test Site, Las Vegas, Nevada

Audit Team:

Marc Italiano	Audit Team Leader, CAO
Sue Nielson	Technology Development Manager, CAO
John Ptacek	Auditor, CTAC
Steve Calvert	Auditor, CTAC
Wayne Ledford	Auditor, CTAC
Larry Dell	Auditor, CTAC
Chet Wright	Auditor, CTAC
Jim Bresson	Technical Specialist, CTAC
Bill Weston	Technical Specialist, WID

Audit Scope: The audit scope includes the evaluation of the adequacy, implementation, and effectiveness of technical and quality assurance processes related to the TRUtech TRU Waste characterization and certification activities, including the interface arrangements with NTS.

Governing Documents/Requirements:

Adequacy evaluations of TRUtech-specific documents will be based on the current revisions of the following documents:

Quality Assurance Program Document, CAO-94-1012

Transuranic Waste Characterization Quality Assurance Program Plan, CAO-94-1010

Waste Acceptance Criteria for the Waste Isolation Pilot Plant, DOE/WIPP-069

TRUtech Transuranic Waste Characterization Quality Assurance Project Plan (QAPjP), TT-DOC-001.

Activities to be Audited:

The following CAO Quality Assurance (QAPD) activities will be evaluated:

Organization
Personnel Qualification and Training
Nonconformances and Corrective Action
Documents and Records
Work Processes
Procurement
Measuring and Test Equipment
Assessments/Audits
Grading
Software Control
Sample Control
Data Validation.

The following waste characterization technical activities will be evaluated:

Nondestructive Assay
Real-Time Radiography
Headspace Gas Sampling & PDP
Hydrogen and Methane Analysis
Gas VOC Analysis
Waste Certification
WIPP Waste Information System (WWIS).

Technical and Quality Assurance checklists will be developed from the active revision of the following documents:

TRUtech QAPjP, TT-DOC-001

TRUtech Team Mobile Systems Program Transuranic Waste Certification Plan,
TT-DOC-002

Related TRUtech technical and quality assurance implementing procedures.

Schedule of Audit Activities:

A pre-audit conference is scheduled for Monday, June 22, at 3:00 p.m., at the DOE-Losee Road Complex, Nevada Support Facility, Room A-107, in Las Vegas.

A post-audit conference is scheduled for Friday, June 26, 1998, at 10:00 a.m. at the DOE-Losee Road Complex, Nevada Support Facility, Room A-107, in Las Vegas.

Prepared By: Marc Italiano
Marc Italiano, Audit Team Leader

Date: 6/8/98

Approved By: Butch Stroud
Butch Stroud, CAO Waste Certification Manager

Date: 6/8/98

Approved By: R. Dennis Brown
R. Dennis Brown, CAO QA Manager

Date: 6/8/98