

6/11/93

**AUDIT PLAN
AUDIT NUMBER: HQ-93-06
AUDIT OF GENERAL ATOMICS (GA)**

An audit of GA will be conducted the week of July 19-23, 1993 at GA facilities in San Diego, California.

The audit will be conducted by:

<u>NAME</u>	<u>ORGANIZATION</u>	<u>TEAM</u>
Marlin L. Horseman	CER Corp., Arlington, VA	Audit Team Leader
Thomas R. Swift	CER Corp., Arlington, VA	Auditor
Fred Bearham	CER Corp., Arlington, VA	Auditor
Ray Hahn	Roy F. Weston	Technical Specialist

Observers from the Department of Energy, State of Nevada, U.S. Nuclear Regulatory Commission, and other interested parties will be invited to participate.

AUDIT SCOPE

The audit scope will include activities related to the GA-4 and GA-9 LWT Cask Development under contract number DE-AC07-88ID12698.

QA PROGRAM ELEMENTS

The GA QA Program will be evaluated to determine the adequacy of the program. The implementation of the following GA QA Program elements will be evaluated during the audit:

- 1 - Organization
- 2 - Quality Assurance Program
- 3 - Design Control
- 4 - Procurement Document Control
- 5 - Instructions, Procedures, Plans, and Drawings
- 6 - Document Control
- 7 - Control of Purchased Items and Services
- 8 - Identification and Control of Materials, Parts, and Components
- 9 - Control of Processes
- 10 - Inspection
- 11 - Test Control
- 12 - Control of Measuring and Test Equipment
- 13 - Handling, Storage, and Shipping
- 14 - Inspection, Test, and Operating Status
- 15 - Control of Nonconforming Items
- 16 - Corrective Action
- 17 - Quality Assurance Records
- 18 - Audits
- 19 - Computer Software

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The requirements will be drawn from the *Quality Assurance Requirements Document*; GA-A13010A, *General Atomics QA Program*; QA Program Document, Document-Number 3462, *GA-4 and GA-9 LWT Cask Development, Issue G*; and GA implementing procedures.

Additional documents that might be identified during the audit will be added to the audit base when necessary to fully evaluate adequacy, compliance, or effectiveness.

TECHNICAL AREAS

Technical adequacy will be reviewed in the areas of design, testing, and certification.

PRELIMINARY AUDIT SCHEDULE

Preaudit Meeting	July 19th	3:00 pm
Conduct of Audit	July 20-22	8:30 am - 3:30 pm
Post Audit Meeting	July 23rd	9:00 am
Daily Team Caucus		3:30 pm
Daily Management Summary		8:30 am

CHECKLIST/MARKED-UP PROCEDURES

The audit will be conducted using Audit Checklist HQ-93-06.

Prepared by: Marlin L. Horseman
Marlin L. Horseman, CER Corporation
Audit Team Leader

Date: 6/16/93

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

Date: 6/17/93