

OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT

QUALITY ASSURANCE AUDIT PLAN (REVISED)

FOR AUDIT NO. YMP-92-07

OF

YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT OFFICE

LAS VEGAS, NEVADA

FEBRUARY 4 THROUGH 7, 1992

Prepared by:



Frank J. Kratzinger  
Audit Team Leader  
Yucca Mountain Quality Assurance Division

Date:

12/18/91

Approved by:

 For

Donald G. Horton  
Director  
Office of Quality Assurance

Date:

12/20/91

## 1.0 SCOPE

This limited scope internal audit, by a team of auditors from the Yucca Mountain Quality Assurance Division (YMQAD) of the Office of Quality Assurance (OQA), will evaluate the Yucca Mountain Site Characterization Project Office (YMPO) Quality Assurance Program to determine whether it meets the requirements and commitments imposed by the Office of Civilian Radioactive Waste Management (OCRWM). This will be done by verifying implementation and effectiveness of the system in place, as well as verifying compliance with requirements.

In addition to follow-up on open Corrective Action Requests, a representative sample of discrepancies identified during previous QA audits and surveillances of YMPO will be included in the scope of this audit to determine the effectiveness of YMPO corrective actions.

The programmatic elements to be audited during this limited scope audit are identified in Section 4.0 of this plan.

## 2.0 AUDIT SCHEDULE

Pre-Audit Team/Observer Meeting	8:00 a.m., February 4, 1992 Las Vegas, Nevada
Pre-Audit Conference	9:00 a.m., February 4, 1992 Las Vegas, Nevada
Audit Activities	10:00 a.m. to 4:00 p.m. February 4, 1992  8:00 a.m. to 4:00 p.m. February 5 - 6, 1992  8:00 a.m. to 11:30 a.m. February 7, 1992
Post-Audit Conference	2:00 p.m., February 7, 1992 Las Vegas, Nevada

## 3.0 REQUIREMENTS TO BE AUDITED AND APPLICABLE REFERENCES

The requirements to be audited will be contained in the programmatic checklists. These checklists will be developed from the latest available revision of the following documents:

- o OCRWM Quality Assurance Requirements and Description Document and implementing procedures
- o YMPO Administrative Procedures - Quality (APQs)

The conduct of the audit will be guided by the documents listed below:

- o Quality Assurance Administrative Procedure QAAP 18.2, Revision 4, "Audit Program"
- o QAAP 16.1, Revision 3, "Corrective Action Requests"
- o YMP Audit Observer Inquiry
- o Policy for Participation of State, Tribal and U.S. Nuclear Regulatory Commission Representatives as Observers on U.S. Department of Energy (DOE) Audits, dated July 14, 1987

#### **4.0 ACTIVITIES TO BE AUDITED**

##### **Programmatic Elements**

YMPO activities associated with the following QA Program elements will be audited:

- 4.0 Procurement Document Control
- 7.0 Control of Purchased Items and Services
- 8.0 Identification and Control of Materials, Parts, Components, and Samples
- 12.0 Control of Measuring and Test Equipment
- 13.0 Handling, Storage and Shipping

The following programmatic elements shown on the schedule will not be audited since there is no YMPO implementation:

- 9.0 Control of Processes
- 10.0 Inspection
- 14.0 Inspection, Test, and Operating Status

##### **Technical Areas**

None.

If the audit team identifies a need to verify additional programmatic or technical areas during the audit, they will be added to the audit checklist(s) and verified accordingly.

## **5.0 AUDIT TEAM MEMBERS**

Frank J. Kratzinger, Science Applications International Corporation  
(SAIC)/YMQAD, Las Vegas, Nevada, Audit Team Leader  
Sandra D. Bates, SAIC/YMQAD, Las Vegas, Nevada, Auditor-in-Training  
Thomas J. Higgins, SAIC/YMQAD, Las Vegas, Nevada, Auditor  
Donald Harris, Harza Engineering/YMQAD, Las Vegas, Nevada, Auditor  
Richard L. Weeks, SAIC/YMQAD, Las Vegas, Nevada, Auditor

## **6.0 AUDIT CHECKLIST**

YMP-92-07-01, programmatic checklist, will be used during this audit.