

OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT
QUALITY ASSURANCE AUDIT PLAN
FOR AUDIT K/PB-ARP-97-11
OF THE
CIVILIAN RADIOACTIVE WASTE MANAGEMENT SYSTEM
MANAGEMENT AND OPERATING CONTRACTOR
AT
KIEWIT/PARSONS BRINCKERHOFF
LAS VEGAS, NEVADA
FEBRUARY 24 - 28, 1997

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Enclosure

1.0 SCOPE

This performance-based audit of Kiewit/Parsons Brinckerhoff (Kiewit/PB) will be conducted by a team of auditors from the Office of Quality Assurance (OQA). The audit will evaluate the effectiveness of implementation of Quality Assurance (QA) program requirements for selected activities that resulted in the product identified in Section 4.0 of this plan.

2.0 AUDIT SCHEDULE

Preaudit Team/Observer Meeting	8:00 a.m., February 24, 1997 Las Vegas, Nevada
Preaudit Conference	9:00 a.m., February 24, 1997 Las Vegas, Nevada
Audit Activities	10:00 a.m. to 3:30 p.m. February 24, 1997
	8:00 a.m. to 3:30 p.m. February 25 - 27, 1997
	8:00 a.m. to 11:30 a.m. February 28, 1997
Postaudit Conference	2:00 p.m., February 28, 1997 Las Vegas, Nevada

There will be a daily Audit Team/Observer meeting at 3:30 p.m. to review audit progress. Beginning Tuesday, February 25, 1997, there will also be a daily Audit Team Leader (ATL)/Observer/Kiewit/PB management meeting at 8:15 a.m. to communicate audit progress, discuss potential deficiencies, and to establish needed liaison. Both daily meetings will be held at locations provided by Kiewit/PB.

3.0 REQUIREMENTS TO BE AUDITED AND APPLICABLE REFERENCES

The requirements to be audited will be contained in performance-based checklists. These checklists will be developed from the latest available revision of Kiewit/PB's approved and issued QA Management Control, Quality Control, and Technical Control Procedures; and the performance objectives established and agreed upon with Kiewit/PB management.

The conduct of the audit will be guided by the documents (latest revision) listed below:

- Quality Assurance Procedure (QAP) 18.2, "Internal Audit Program"
- Administrative Procedure (AP) 16.1Q, "Performance/Deficiency Reporting"
- AP 16.2Q, "Corrective Action and Stop Work"

4.0 ACTIVITIES TO BE AUDITED

The audit team will evaluate implementation of QA Program requirements with regards to the development, completion, and turnover of Kiewit/PB Work Packages in support of Work Breakdown Structure number 1.2.6.4.2 - "First Access Topopah Spring Excavation."

A performance-based audit evaluates products and activities to determine the degree to which they meet program requirements and management commitments and expectations. This evaluation of process effectiveness and product acceptability will be based upon:

- Satisfactory completion of the critical process steps
- Acceptable results and quality of the end product
- Documentation that substantiates quality of products
- Performance of trained and qualified personnel
- Implementation of applicable QA Program elements

5.0 AUDIT TEAM MEMBERS

Kristi A. Hodges, OQA, Las Vegas, NV, ATL
Wesley C. Pugmire, OQA, Las Vegas, NV, Auditor
Franklin B. (Pete) Smith, OQA, Las Vegas, NV, Auditor

6.0 AUDIT CHECKLIST

The following checklist will be used during the audit:

K/PB-ARP-97-11, Performance-Based Checklist