

**AUDIT PLAN AND SCHEDULE
DOE-EM/343 QUALITY ASSURANCE AUDIT
OF DOE/WEST VALLEY PROJECT OFFICE (WVPO)
WEST VALLEY DEMONSTRATION PROJECT (WVDP)**

AUDIT NUMBER: 93EA-WV-AU-01

AUDITING ORGANIZATION: Department of Energy (DOE) Headquarters
Environmental Restoration and Waste Management
Office of Waste Management
Vitrification Projects Division (EM-343)

AUDITED ORGANIZATION: DOE/WVPO-WVDP

AUDIT DATES: February 22-26, 1993

AUDIT TEAM:

Lou Wade	(MACTEC)	Audit Team Leader
Jim Conway	(EM-343)	Auditor Team Manager/Auditor
Kriss Grisham	(EM-343)	Auditor
Lew Sirianni	(BDM/SAIC)	Auditor
Sid Crawford	(BDM/SAIC)	Auditor/Technical Specialist
John LaVea	(BDM/SAIC)	Auditor
Jim Flaherty	(BDM/SAIC)	Auditor/Technical Specialist

OBSERVERS: (TBD)

AUDIT SCOPE:

The following program elements will be reviewed during this audit:

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| 1. | Criterion 2 | Quality Assurance Program (QA Training) |
| 2. | Criterion 3 | Design Control |
| 3. | Criterion 5 | Instructions Procedures and Drawings |
| 4. | Criterion 7 | Control of Purchased Items and Services |
| 5. | Criterion 8 | Identification and Control of Items |
| 6. | Criterion 9 | Control of Processes |
| 7. | Criterion 11 | Test Control |
| 8. | Criterion 12 | Control of Measuring and Test Equipment |
| 9. | Criterion 14 | Inspection, Test, and Operating Status |
| 10. | Criterion 16 | Corrective Action |
| 11. | Criterion 17 | QA Records |
| 12. | Criterion 19 | Software QA |

AUDIT OBJECTIVES:

To evaluate the effectiveness of DOE/WVPO implementation of their Quality Assurance Program as it applies to the Criteria identified in the audit scope above. These are the Criteria that were identified as being either marginally effective or indeterminate during Audit 92EA-WV-AU-001. Additionally, implementation of corrective actions resulting from the July 1992 audit and any other remaining outstanding issues will also be evaluated by the audit team.

ACTIVITIES TO BE AUDITED:

QA program elements and activities related to High Level Radioactive Waste treatment at WVDP.

APPLICABLE REQUIREMENTS/CRITERIA:

1. ASME NQA-1-1989, "Quality Assurance Requirements for Nuclear Facilities" (including applicable Supplements and Appendices)
2. DOE/RW-0214, Rev. 4 w/ ICN 4.1, "Quality Assurance Requirements Document"
3. DOE/EM/WO/02, Rev 1, VPD HLW "Quality Assurance Program Description"
4. WVDP-074, QAPD-2 & 3 "WVDP Quality Assurance Program Description"
5. WVPO Implementing QA Program Procedures
WVNS Implementing Quality Assurance Procedures

PRELIMINARY AUDIT SCHEDULE:

<u>Activity</u>	<u>Date</u>	<u>Time</u>
Pre Audit Meeting	02/22/93	8:00a - 9:00a
Conduct Audit	02/22/93	9:00a - 4:00p
Conduct Audit	02/23/93	8:00a - 4:00p
Conduct Audit	02/24/93	8:00a - 4:00p
Conduct Audit	02/25/93	8:00a - 4:00p
Prepare Audit Summary	02/26/93	8:00a - 11:00a
Post Audit Meeting	02/26/93	11:00a - 12:00p

Note: 1. Audit Team caucuses will be held daily from 4:00p to 4:30p to discuss daily results and obtain status of the audit progress.

2. Management briefings will be held with WVPO/WVNS management personnel daily from 8:00a to 8:30a to discuss the previous days results, both positive and negative.

PREPARED [Signature]
Audit Team Leader

DATE: 1/27/93

APPROVED [Signature]
QA Program Manager

DATE: 1/27/93