OVERVIEW OF QUALITY ASSURANCE PROGRAMS

to the

NUCLEAR WASTE TECHNICAL REVIEW BOARD
ENGINEERED BARRIER SYSTEMS PANEL

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OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT (RW)

Waste Acceptance Specifications

Waste Form Quality Assurance Compliance Plan Program Description

RW-0214 QA Requirements

WASTE FORM PRODUCERS

WCP - Waste Form Compliance Plan

WQR - Waste Form Qualification Report

Product Control Program

Quality Assurance Program Description

QA Implementing Procedures

Operating Procedures

Production Records
| 1. Organization  | 11. Test Control   |
| 2. QA Program    | 12. Control of M&TE |
| 3. Design Control| 13. Handling, Storage & Shipping |
| 5. Instructions, Procedures, & Drawings | 15. Control of Nonconformances |
| 7. Control of Purchased Items & Services | 17. QA Records |
| 8. Identification and Control of Items | 18. Evaluations |
| 10. Inspection    | Also Computer Software |

**BASIC SUMMARY OF QA REQUIREMENTS**
Per the WAPS:

"The DOE/RW-0214 Quality Assurance Program shall be applied to All Testing and Analysis Activities that Provide Information to be Included in the WQR"

These Activities are Conducted by the Following Organizations:

- SRL-GTG (SRL Glass Technology Group)
- DWPF Start-up Organization
- DWPF Analytical Services
- Suppliers
- QA Oversight (Cognizant Quality Functions)
QA FOR PRODUCTION OPERATIONS
RW-0214

Applies to Those Things which affect Waste Form Quality:

- Vitrification Cold Tests

- Waste Form Production
QA PROGRAM STATUS

DOE-SR

Quality Assurance Program Descriptions in Place and Revised to RW-0214, Rev. 4

50 Implementing Procedures in Place

Surveillances/Audits being Performed of WSRC-DWPF, WSRC-SRL

NRC, RW, State of Nevada have Participated as Observers in EM Audits of DOE-SR

SRL (Glass Technology Group)

Programs are in Place and Implemented to RW-0214, Rev. 4

Scheduled Reviews by DOE-SR are in Progress
QA PROGRAM STATUS

WSRC-DWPF - Production Operations

It is Estimated that RW-0214 Program is now 90% in Place. (Site QA Program Currently Being Followed.) Committed to be in Place by 3/31/92, Before Vitrification Tests

Assessments now in Progress by DWPF Quality Department. Due to be Completed by 9/30/92

Reviews by DOE-SR are being made as Scheduled in the Evaluation and Assessment Plan