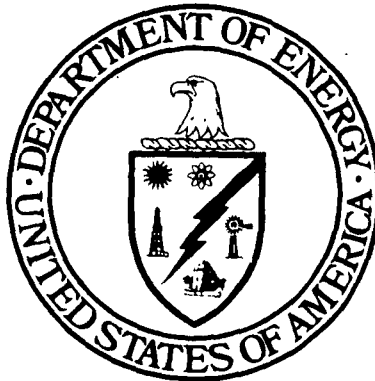


**U. S. DEPARTMENT OF ENERGY
FIELD OFFICE SAVANNAH RIVER**

**OVERVIEW OF WASTE FORM PRODUCERS PROGRAM
to the
NUCLEAR WASTE TECHNICAL REVIEW BOARD
ENGINEERED BARRIER SYSTEMS PANEL**



**WILLIAM D. PEARSON
CHIEF, WASTE COMPLIANCE AND QUALITY ASSURANCE BRANCH
HIGH LEVEL WASTE DIVISION**

FEBRUARY 10, 1992

OFFICE OF CIVILIAN RADIOACTIVE
WASTE MANAGEMENT (RW)

Waste Acceptance
Specifications

RW-0214
QA Requirements

WASTE FORM PRODUCERS

WCP - Waste Form
Compliance Plan

Quality Assurance
Program Description

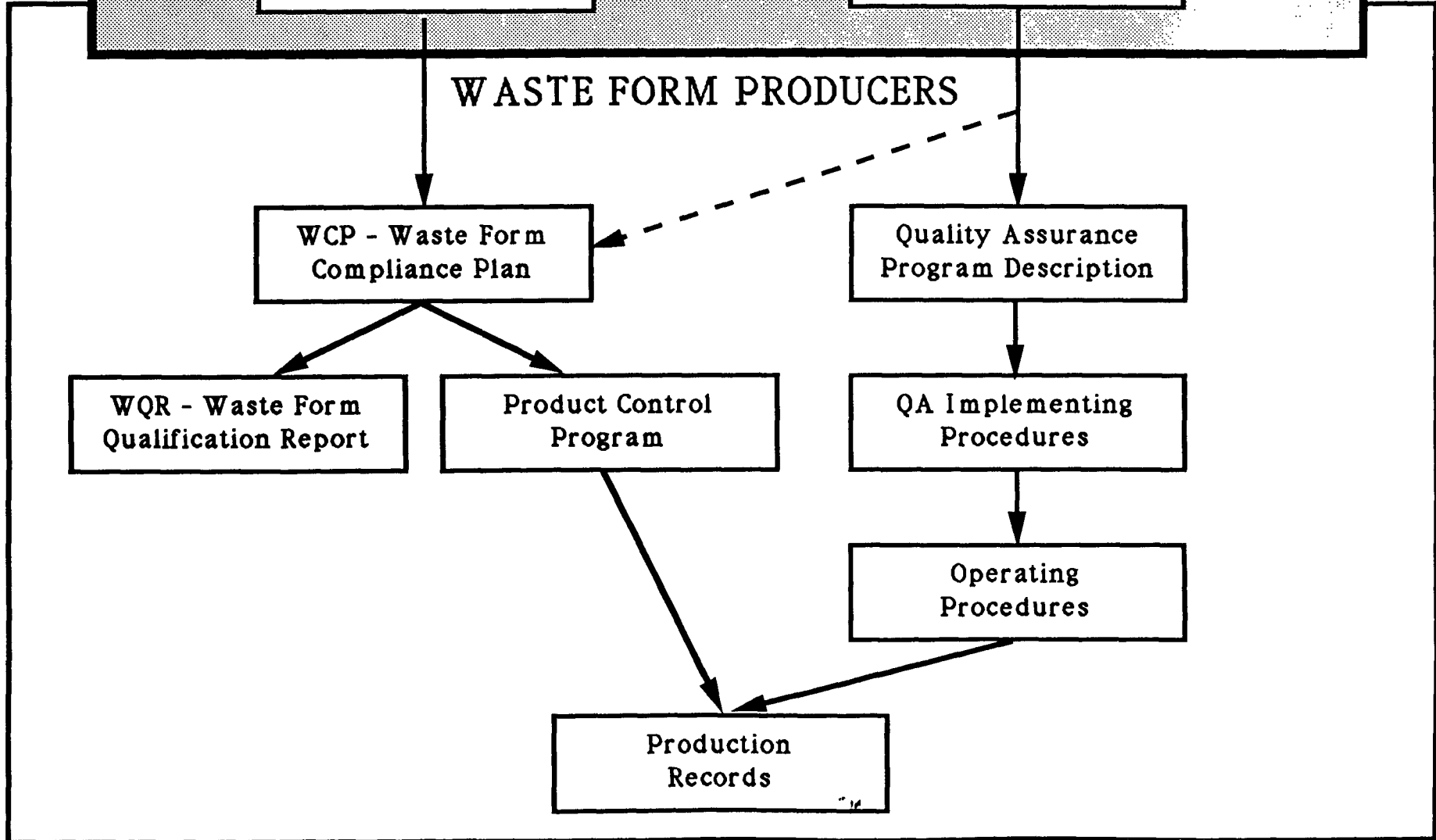
WQR - Waste Form
Qualification Report

Product Control
Program

QA Implementing
Procedures

Operating
Procedures

Production
Records



DOE WASTE ACCEPTANCE PROGRAM

Role of Office of Civilian Radioactive Waste Management

- **Waste Acceptance Preliminary Specifications (WAPS)**
- **QA Requirements for Waste Form Producers**
- **Review Process**
- **Interface with the Nuclear Regulatory Commission**

DOE WASTE ACCEPTANCE PROGRAM

Role of Waste Producers

- **Producers are - West Valley Demonstration Project (WVDP)**
 - **Hanford Waste Vitrification Project (HWVP)**
 - **Savannah River Defense Waste Processing Facility (DWPF)**

- **Prepare a Plan Which Describes Producers' Approach for Meeting RW's Waste Acceptance Preliminary Specifications (WAPS)**
 - **Waste Compliance Plan (WCP)**

- **Prepare Documentation From Tests, Research and Development Activities Which Shows the Producers Can Perform Actions Described in the Plan**
 - **Waste Qualification Report (WQR)**
 - **Process Control Program**

DOE WASTE ACCEPTANCE PROGRAM

Role of Waste Producers (cont'd)

- **Develop a Quality Assurance Program Which Satisfies RW QA Requirement RW-0214**
 - **Producer Prepare Quality Assurance Program Description (QAPD)**
- **Develop Product Control Program**
- **Conduct R&D and Process Qualification Testing (Cold Tests)**
- **Produce Waste Form to Meet WAPS**
 - **Production Reports**

DOE TECHNICAL REVIEW GROUP

- **TRG is a HQ Oversight Group**
- **Participants Independent of Waste Form Production**
 - **Consultants**
 - **HQ Project Technology Support Office**
 - **Repository Program - Both HQ and Yucca Mountain Project**
- **Review of WCP: Activities Described Sufficient to Satisfy WAPS?**
 - **Understands and Accepts WAPS Criteria**
- **Review of WQR: Were WAPS Requirements Met?**
 - **Accepts WCP as a Given**