TASK QA PLAN FOR MODIFIED PROTOTYPIC HYDRAGARD™
SAMPLER OVERFLOW SYSTEM DEMONSTRATION AT TNX (U)

by

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WSRC-RP-93-995TL, Rev. 0

Keywords: DWPF, Sampling
Retention: Permanent

October 5, 1993

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WESTINGHOUSE SAVANNAH RIVER COMPANY

ATTENTION: J. F. ORTALDO, 704-S (5)

**Task QA Plan for Modified Prototypic Hydragard™
Sampler Overflow System Demonstration at TNX (U)**

Attached is the Task QA Plan for Modified Prototypic Hydragard™ Sampler Overflow System Demonstration at TNX. This plan defines the QA controls to be implemented for this task. Any questions about this QA plan should be addressed to T. K. Snyder, 5-6382.

A handwritten signature in cursive script, likely belonging to E. W. Holtzscheiter.

E. W. HOLTZSCHEITER, MANAGER
DEFENSE WASTE PROCESSING TECHNOLOGY

tk
Att

A handwritten signature in cursive script, likely belonging to C. T. Randall.
C. T. Randall
Authorized Derivative Classifier

Westinghouse Savannah River Company
Inter-Office Memorandum

WSRC-RP-93-995, Rev. 0

Keywords: DWPF, Sampling,
Testing

Retention: Permanent

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S. A. Budenstein, 704-1T
SRTC Records (4)

October 4, 1993

TO: C. T. Randall, 704-T

FROM: T. K. Snyder, 704-T *T. K. Snyder*

Task QA Plan for Modified Prototypic Hydragard™
Sampler Overflow System Demonstration at TNX (U)

INTRODUCTION

The primary objective of this task is to evaluate the proposed design modifications to the sample system, including the adequacy of the recommended eductor and the quality of samples obtained from the modified system. Presently, the sample streams are circulated from the originating tank, through a Hydragard™ sampler system, and back to the originating tank. The overflow from the Hydragard™ sampler flows to the Recycle Collection Tank (RCT).

C. T. Randall
C. T. Randall, Derivative Classifier

Westinghouse Savannah River Company
Savannah River Technology Center

WSRC-RP-93-995TL

Task QA Plan for Modified Prototypic Hydragard™ Sampler
Overflow System Demonstration at TNX (U)

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AUTHENTICATED:

Mary Mullis
SIGNATURE

10/20/93
DATE

DOCUMENTS REQUIRING CUSTOMER APPROVAL OR CONCURRENCE

- Task Technical Plan, WSRC-RP-93-901

QUALITY ASSURANCE CONTROLS

The purpose of this document is to identify the QA controls which will be applied for the task described in the Task Technical Plan, WSRC-RP-93-901.

The QA program for DWPT/TNX is described in the DWPT/TNX QA Program Description, SRL-PMC-91-0075, Rev. 5. This program implements the requirements of the WSRC QA Manual, 1Q, which in turn implements the requirements of DOE Order 5700.6B.

The Task Technical Plan, WSRC-RP-93-901, summarizes the QA requirements for this task which are met by the use of procedures contained in the DWP&HT QA Procedures Manual, WSRC 1Q43. Applicable procedures are identified on the Task QA Plan Checklist (Attachment 1).

Organization and Personnel

Responsibilities for individuals and organizations performing work on this task are described in the Task Technical Plan, WSRC-RP-93-901. General responsibilities, e.g., approvals of task technical and QA Plans, procedures, etc. are performed in accordance with procedures in WSRC 1Q43, DWP&HT QA Procedures Manual. Responsibilities are also identified in SRL-PMC-91-0075, Rev. 5, DWPT/TNX QA Program Description.

Qualification requirements for DWPT/TNX personnel will be documented and maintained according to DWP&HT 2-2, Training Program and DWP&HT 17-1, QA Records.

Organizations performing work on this task are identified in the Task Technical Plan. The Task Technical Plan describes the work they shall perform and the organizational manuals used to control their activities. These manuals are:

- Defense Waste Processing Technology/TNX - 1Q43, DWP&HT QA Procedures Manual
- TNX Operations Section - 1Q27, TOS QA Procedures Manual

Concurrence with the requirements of these activities is indicated by appropriate signatures on the Task Technical Plan.

Surveillances

SRTC's Quality Section shall perform surveillances of the performance of this task at appropriate intervals. DWPF QA may also perform surveillances or overview the surveillances performed by SRTC's Quality Section. DWPT will interface with these organizations during surveillances according to the procedure noted on the Task QA Plan Checklist (Attachment 1).

Records Package

A record package will be developed by the task leader and submitted to the QA Coordinator for validation and transfer to Document Control and Record Management.

- Task Technical Plan, WSRC-RP-93-901
- Task QA Plan, WSRC-RP-93-995
- Qualification records for personnel performing testing or approving results
- Supporting documentation necessary for the reconstruction of the data (e.g. technical notebooks,)
- Documentation of all reviews, surveillance and audits performed on this task
- Final reports/recommendations, including documentation of any reviews

Prepared by:

T. K. Snyder
T. K. Snyder, QA Coordinator
Defense Waste Processing Technology
Savannah River Technology Center

10-5-93
Date

APPROVALS

G. L. Gill, Task Leader
Process Modeling & Control Group
DWPT

10/5/93
Date

C. T. Randall, Manager
Process Modeling & Control Group
DWPT

10/6/93
Date

E. W. Holzschneider, Manager
DWPT

10/11/93
Date

P. E. Lowe, Quality Engineer (CQE)
Quality Section

10-13-93
Date

Note: The SRTC QS (CQE) approval of this Task
QA Plan also indicates review of the
Task Technical Plan, WSRC-RP-93-901
has been completed.

tk
Att

Attachment 1
Task QA Plan

Task Title: Modified Prototypic Hydragard™ Sampler Task QA Plan No. WSRC-RP-93-995, Rev. 0
Overflow System Demonstration at TNX

Task Technical Plan Document No: WSRC-RP-93-901

Listed below are the 20 sections of WSRC 1Q. Check WSRC 1Q Sections applicable to the task. Further indicate DWP&HT procedures used to control the task. This checklist identifies only the procedures used to control task activities performed by DWP&HT. Personnel will be trained on the QA Procedures based on their involvement in the task.

WSRC 1Q Section	Applies to Task	DWP&HT QA Procedures	DWP&HT Procedure Used
Organization	X X	DWP&HT 1-1, Organization DWP&HT 1-2, Stop Work	X X
QA Program	X X X	DWP&HT 2-1, Quality Assurance Program DWP&HT 2-2, Training Program DWP&HT 2-3, Control of R&D Activities	X X X
Design Control	X	DWP&HT 3-1, Design Control, Category I DWP&HT 3-2, Design Control, Category II DWP&HT 3-3, Division Managed Tasks	N/A N/A X
Procurement Document Control	X	DWP&HT 4-1, Procurement	X
Instructions, Procedures and Drawings	X	DWP&HT 5-1, Procedures/Instructions	X
Document Control	X	DWP&HT 6-1, Document Control	X
Control of Purchased Items and Services	X	DWP&HT 4-1, Procurement	X
Identification and Control of Items	X	DWP&HT 8-1, ID and Control of Items	X
Control of Processes	N/A	DWP&HT 9-1, Control of Processes	N/A
Inspection	N/A	DWP&HT 10-1, Inspection	N/A
Test Control	N/A	DWP&HT 11-1, Test Control	Task controlled per DWP&HT 2-3
Control of Measuring & Test Equipment	X	DWP&HT 12-1, Control of M&TE	X
Packaging, Handling, Shipping & Storage	X	DWP&HT 13-1, Packaging, Handling, Shipping & Storage	X
Inspection, Test, and Operating Status	X	DWP&HT 14-1, Inspection, Test, and Operating Status	X
Control of Nonconforming Items & Action	X	DWP&HT 15-1, Control of Nonconforming Items and Activities	X
Corrective Action System	X	DWP&HT 16-1, Corrective Action	X
Quality Assurance Records	X	DWP&HT 17-1, QA Records	X
Audits	X	DWP&HT 18-1, Audits & Surveillances	X
Quality Improvement	N/A	QAP 19-1	N/A
Software Quality Assurance	N/A	DWP&HT 20-1, Software Control	N/A

Reference SRL-DIR-92-0004 for information concerning SRTC new reporting relationships and use of existing QA procedures.

END

DATE

FILMED

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