



Department of Energy

Richland Operations Office
P.O. Box 550
Richland, Washington 99352

86-QSB-163

WASTE CONTROL
CENTER

JAN -5 11:11

DEC 24 1986

General Manager
Rockwell Hanford Operations
Richland, Washington

Dear Sir:

ACCEPTANCE OF PROPOSED CORRECTIVE ACTION, BASALT WASTE ISOLATION PROJECT
AUDIT NO. DOE-RL BWI 8602 PERFORMED ON PITTING KINETICS STUDIES AT ROCKWELL
SCIENCE CENTER ON FEBRUARY 18-20, 1986

The proposed corrective actions submitted by Rockwell letter R86-4861 from
Dr. D. C. Gibbs to Mr. O. L. Olson, dated October 15, 1986, "Notice of
Completion of Corrective Action Commitment to Department of Energy - Richland
Operations Office Quality Assurance Audit of Rockwell Science Center Pitting
Corrosion Study," has been evaluated with the following results:

- QAF 8602-1 Failure of Control System for Nonconforming Items**

"RSC Pitting Sample Shop Work Request Procedure," Rev. 1,
dated May 21, 1986, and BWIP SA-964, "Pitting Sample
Instructions," Rev. 0, dated July 15, 1986, are
acceptable.

- QAF 8602-2 No provision for dual storage of one-of-a-kind Quality
Records, pending transmittal to Rockwell.**

BWIP SA-964, "Records Storage Instructions," Rev. 0,
dated July 15, 1986, is acceptable.

- QAF 8602-3 No controlled list exists for the distribution of
procedures and instructions.**

BWIP SA-964, "Controlled Documents Instructions,"
Rev. 0, dated July 15, 1986, is acceptable.

To: *Lincoln, NRK*

WM Record File 101 WM Project 10
 Docket No. _____
 PDR
 LPDR

8702240261 861224
 PDR WASTE
 WM-10 PDR

Distribution:
J. Lincoln *P. Hildenbrand*
A. Hale
 (Return to WM, 623-S3) *Sac*

2278

DEC 24 1986

In a review of the revised procedures submitted, it has been determined that the previously approved corrective action has been implemented and the three audit findings 86-02-1, 86-02-2 and 86-02-3 are closed.

Sincerely,

R. P. Saget
R. P. Saget, Director
Quality Systems Division

MAC:TJM
QA15K6.Q4

Attachment

cc w/attch.:

cc: D. C. Gibbs, Rockwell
J. P. Knight, DOE-HQ
D. C. Newton, DOE-HQ
J. J. Linehan, NRC
L. B. Ibe, Weston
T. Husseman, Washington State
Department of Ecology
M. S. Power, Washington State
Institute for Public Policy

D. Stewart-Smith, Oregon State
Department of Energy
B. Burke, Confederated Tribes
of the Umatilla Indian Reservation
R. Halfmoon, Nez Perce Indian Tribe
R. Jim, Yakima Indian Nation



QUALITY AUDIT FINDING

		9. QAF Control No. 8602-1
1. TO: Name C. R. Fitch	Title RHO-9M1P Director	2. Location Richland, WA
3. Reference/Requirements NQA-1 1983 Criteria 15 CONTROL SYSTEM FOR NONCONFORMING ITEMS		4. Audit Or Surveillance Report No. DOE/BWID 8602

5. Description
Three test samples, S/NS 7, 50 & 61 failed during Helium Leak Test and were not segregated and identified as being deficient. The test specimens subsequently ended up in the Pitting Kinetics Test Program, rendering the results of those tests indeterminate.

6. Lead Auditor (Signature) <i>[Signature]</i>	7. Issue Date 2/20/86	8. Response Due Date 3/22/86
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10. Auditee Corrective Action Commitment

1. Preparation of a Non-Conformance Report for samples #7, 50, and #61.
2. Determination by the RSC QA Coordinator if the samples for which the marking numbers could not be read passed the helium leak check.
3. Prepare a RSC Procedure for the handling, storage, and accountability of the pitting samples.
4. Implement an improved storage system for the 61 remaining samples of the August 1985 production run and all subsequent samples produced. Pitting Samples will be stored in clear plastic containers with each compartment of the container clearly marked as to status and usage. (Note: The containers which have been acquired are shown as an attachment to this report).

NOTE: Action Shall Address Root Cause and include Measures to Prevent Recurrence

11. Responsible Action Manager (Signature) <i>[Signature]</i>	12. Date May 1, 1986	13. Action Completion Due Date July 15, 1986
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Paul M. Beckham **ACTION VERIFIED**

14. Lead Auditor (Signature) <i>[Signature]</i>	15. Date 12/9/86
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17. Final Distribution

ORIGINAL-Audit/Surveillance Report File

1--Addressee

2--

3--

16. Final Review and Approval (QAF Closed)

Mgr./Branch Chief, Cognizant Branch Date

