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Final

Meeting Minutes Transmittal/Approval

183-H Solar Evaporation Basins
Unit Managers Meeting
Westinghouse Hanford Offices
Lacey, Washington

Meeting Held October 7, 1991

183-H Solar Evaporation Basin, Unit Managers' Approval

Sandra L. Trine Date: 12/10/91
 Sandra L. Trine, RL, ERD Environmental Assessment Branch

J. Witczak Date: 12/10/91
 Joseph Witczak, Washington State Dept. of Ecology

Not Present Date: _____
 Daniel L. Duncan, EPA Region X, RCRA Program Manager

Michael A. Mihalic Date: 12/10/91
 Michael A. Mihalic, WHC, Contractor Representative, HSFP

Fred A. Ruck III Date: 12/10/91
 Fred A. Ruck III, WHC, Contractor Representative

PURPOSE: Monthly status report.

Meeting Minutes are attached. Minutes are comprised of the following:

- Attachment #1 - Summary of Discussion
- Attachment #2 - Agenda
- Attachment #3 - Attendance List
- Attachment #4 - Commitments/Agreements Status List
- Attachment #5 - Strategy for Development Plan for Leaking/Bulging Drums

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Distribution:

M.J. Anthony	RL	(A6-95)
E.A. Bracken	RL	(A6-95)
L.C. Brown	WHC	(H4-51)
R.M. Carosino	RL	(A4-52)
C.E. Clark	RL	(A6-95)
S.B. Clifford	WHC	(H4-57)
D.L. Duncan	EPA	(HW-074)
K.R. Fecht	WHC	(H4-57)
M.J. Galbraith	WHC	(R2-77)
C.J. Geier	WHC	(H4-57)
E.D. Goller	RL	(A5-19)
J.D. Goodenough	RL	(A6-95)
J.D. King	SWEC	(A4-35)
R.J. Landon	WHC	(B2-19)
R.E. Lerch	WHC	(B2-35)
M.A. Mihalic	WHC	(L4-88)
H.E. McGuire	WHC	(B2-35)
M. Morton	WHC	(R2-77)
L.L. Powers	WHC	(B2-35)
R.E. Peterson	WHC	(H4-56)
F.A. Ruck III	WHC	(H4-57)
S.L. Trine	RL	(A5-19)
T.B. Veneziano	WHC	(B2-35)
S.A. Wiegman	WHC	(B2-19)
J. Witczak	Ecology	

ADMINISTRATIVE RECORD (183-H Solar Evaporation Basins, T-1-4)
[Care of Susan Wray, WHC (H4-22C)]

Nuclear and Mixed Waste Library, Ecology, MS PV-11

Environmental Protection Agency, Region 10, Seattle, WA, HW-074

0212.2717

Attachment #1

183-H Solar Evaporation Basins
Unit Manager's Meeting
Westinghouse Hanford Offices
Lacey, Washington
October 7, 1991

Summary of Discussion

The first topic of discussion was the Status of prior Action Items. Status is as follows:

- 5-30-90:0 OPEN. The approval of the closure plan was left open pending review by Ecology (J. Witczak).
- 9-20-90:2 OPEN. Ecology needs the raw data used to determine background concentrations. Ecology (J. Witczak) may have some of this data but is uncertain. WHC (M. Galbraith) has the Phase I background results for soil but is uncertain about the raw data. Ecology (J. Witczak) will determine what data Ecology needs and contact F. Ruck (WHC) for any additional data needed.

The concrete background data may not yet be available from the laboratory. After the data is received it must be validated. WHC (M. Galbraith) is hoping to have the data by November 1991. As soon as the data returns from the laboratory, WHC will issue a schedule for delivery of the results and WHC's Office of Sample Management will have the data.

- 7-29-91:1 CLOSED. Ecology (J. Witczak) has reviewed the information supplied by WHC concerning the designation of the soil piles and indicated that, after comparison with State regulations, the soil piles failed designation. WHC (F. Ruck III) indicated that the soil piles do not fail State toxicity regulations for any constituents other than lead. The designation of the soil piles with regard to lead is awaiting TCLP results. WHC (F. Ruck III) mentioned changes to WAC 173-303-101 which indicate the NIOSH registry takes precedence of the EPA Spill Table when the two do not agree. Ecology (J. Witczak) stated that this same wording is not in WAC 173-303-101, and Ecology will provide further clarification on this point.

Further discussion on the subject of soil piles involved their interim treatment as being suspect dangerous waste prior to designation. The trench soils were isolated only by being roped off since the soil had been replaced. WHC (M. Mihalic) stated that the waste, if designated as such, cannot be disposed of within the November 1, 1991 deadline because of logistics. WHC (M. Galbraith) stated that no definite date by which the waste could be disposed of could be given at the time of this Unit Managers Meeting. RL (E. Goller) stated that the suspected dangerous waste was sprayed with a fixative for interim

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stabilization. Ecology (J. Witczak) stated that if the waste is designated and cannot be properly disposed of, then it must be containerized until final disposal. Ecology (J. Witczak) stated that if the soil cannot or will not be removed from the site by November 1, 1991, then RL should send a letter to Ecology before November 1, 1991 stating the reasons for not removing the soil.

Ecology (J. Witczak) suggested that if the waste does not designate, then the Model Toxic Control Act (MTCA) requirements may still be applicable. Ecology (J. Witczak) stated that if the waste does not designate, Ecology will want to see the raw data.

7-29-91:2 OPEN. WHC (M. Mihalic) stated that the plan for additional sampling is on hold pending receipt of TCLP results. RL (S. Trine) directed that the wording of this Item be changed to "... a plan for additional soil sampling will be supplied to Ecology if necessary ..."

8-22-91:2 OPEN. RL (S. Trine) asked WHC to consider all seven WAC criteria in designation when determining the most expeditious method of disposal for the soil piles which are dangerous wastes.

Closure Activities was the next topic of discussion. WHC (M. Galbraith) stated that the Phase II sampling was completed by the September 24 milestone; the only activity now going on is cleanup mode, and after that there probably will not be any activities until the sampling results are in. Ecology (J. Witczak) asked whether consideration was given to putting the soil back in the basins, which would only be possible now that sampling is completed. RL (E. Goller) stated that this idea might work well and will be given consideration.

An item of New Business discussed was the swelling of drums at 183-H and the Central Waste Complex (See Attachment #5). WHC (H. Boynton) discussed the swelling of drums containing solidified, neutralized acid waste. So far, eight drums have leaked, and as many as 200 are bulging. The waste within the drums was generated during fuels fabrication (fuel rod processing) and was moved to the 183-H basin for evaporation reduction. The waste was subsequently drummed and moved to the Central Waste Complex. No swelling drums are currently located at 183-H. The problem is currently undergoing investigation. Ecology (J. Witczak) asked to be kept up to date of the status of this situation.

The next Unit Managers Meeting will be held in Richland, Washington at a time and place to be announced.

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Attachment #2

Commitments/Agreements Status List

183-H Solar Evaporation Basins
Unit Managers Meeting
Westinghouse Hanford Company Office
Lacey, Washington

October 7, 1991

ACTION ITEM

- 5-30-90:0 Ecology approval of 183-H Solar Evaporation Basins Closure Plan. Action: Ecology.
OPEN
- 9-20-90:2 WHC will provide Ecology with a list of the values been used for background concentrations and the raw data from which they were derived. Action: M. Galbraith
OPEN
- 11-28-90:2 WHC will evaluate the use of clean concrete rubble as fill material. Action: M. Galbraith
CLOSED
- 07-29-91:1 Ecology will review the information and get back to WHC with a position on the handling of the soil piles. Action: Joe Witczak
CLOSED
- 07-29-91:2 WHC/RL will prepare a sampling plan for additional sampling if necessary to determine the source of the As and Pb found berm soil. Ecology will be requested to concur with the plan prior to sampling. Action: Matt Galbraith
OPEN
- 08-22-91:1 WHC will ensure that the soil piles designation considered all seven WAC criteria. Soil pile designation will be discussed again at the next UMM. Action: F. Ruck III

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OPEN

08-22-91:2

WHC will determine the most expeditious method of disposal for the soil piles which are dangerous waste and inform Ecology of this schedule. Action: F. Ruck

OPEN

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Attachment #3

Attendance List

183-H Solar Evaporation Basins
Unit Managers Meeting
Federal Building, Room 180
Lacey, Washington

October 7, 1991

<u>Name</u>	<u>Organization</u>	<u>Phone</u>
Boynton, H.C.	WHC	509-376-4936
Galbraith, Matt	WHC, Cognizant Eng.	509-373-5387
Goller, Eric	RL	509-376-7326
Gonzalez, Rick	BEI	509-376-8218
Knox, Kathy	CNES	509-376-5011
Laws, Jake	WHC	509-376-7508
Mihalic, Mike	WHC	509-376-0967
Ruck, Fred	WHC	509-376-9876
Trine, Sandra L.	RL	509-376-6943
Witczak, Joseph	Ecology, Unit Mgr.	206-438-7557

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Attachment #4

**Unit Managers Meeting
183-H Solar Evaporation Basins
Agenda**

October 7, 1991

- Review, Amend, Approve, and Distribute Prior Meeting Minutes
- Status Prior Action Items
- Discuss Closure Activities
- Status Submittal of Page Changes
- New Business

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Hanford Site Central Waste Complex

Strategy for Development of Corrective Action Plan for Leaking/Bulging 183-H Solidified Aqueous Waste Drums

Lacy HC Baynton
April 91

183-H Solidified Aqueous Waste Stream

- **Fuels Fabrication Facility process waste**
- **Sent to 183-H Solar Evaporation Basins for volume reduction**
- **One of five waste streams generated as basins cleaned**
- **Saturated sodium nitrate solution containing LSA quantities of uranium and technetium**
- **Waste codes: D001, D007, WT02, U123, P029, P030, P098, P106, P120**
- **Solidified in 55-gal drums using Sorbond LPC-II**
- **Project complete, all 2,767 drums stored in CWC buildings**

Leaking/Bulging 183-H Solidified Aqueous Waste Drums

Recovery Action Initiated on Discovery

- **Notification-occurrence reports written on bulging drums August 19, 1991 and on leaking drums September 10, 1991**
- **Implement interim overpacking procedures, placing leaking drums into poly overpack drums**
- **Increase inspection and surveillance frequency**
- **Engineering strategy team formed to schedule sampling, analysis, and root cause evaluation and to develop a corrective action plan**

Engineering Strategy

Actions To Support The Development of The Corrective Action Plan

