

# START

0013901

March 26, 1991  
Final

Unit Managers Meeting: Liquid Effluent Retention Facility (LERF)  
and 200 Area Effluent Treatment/Disposal Facility  
Energy Technology Center, Room 24  
Richland, Washington  
Meeting Held February, 1, 1991

Appvl. *Clifford E. Clark* Date: 3/26/91  
Clifford E. Clark, Unit Manager, DOE-RL

Appvl. *Paul Stasch* Date: 3/26/91  
Paul Stasch, Unit Manager, Ecology

Appvl. *D. McKenney* Date: 3/26/91  
Dale McKenney, Contractor Representative, WHC

- Attachment # 1 - Summary of Discussion
- Attachment # 2 - Attendance
- Attachment # 3 - Agenda
- Attachment # 4 - Commitments/Agreements Status

911121700637



Distribution:

M. R. Adams WHC H4-55  
G. B. Becker WHC R3-28  
J. R. Bellomy WHC H4-57  
L. C. Borneman WHC H4-57  
L. C. Brown WHC H4-51  
W. R. Brown WHC B2-19  
G. P. *Burchell* WHC R3-28  
R. A. Carlson WHC H4-55  
C. E. Clark DOE A5-19  
S. S. Clark DOE A6-55  
A. F. Crane WHC R2-20  
J. A. Eacker WHC R1-51  
D. L. Flyckt WHC R2-20  
C. J. Geier WHC H4-57  
R. T. Hallum KEH E6-24  
F. M. Jungfleisch WHC R2-20  
D. E. Kelley WHC R1-48  
J. W. Kelly WHC R3-28  
J. D. King SWEC A4-35  
K. J. Koegler WHC H4-55  
F. N. McDonald WHC R2-20  
D. E. McKenney WHC R1-48  
G. J. Miskho WHC R1-48  
R. W. Oldham WHC H4-57  
P. M. Olson WHC R2-20  
S. L. Petersen KEH E6-50  
S. M. Price WHC R1-48  
J. E. Thrasher WHC H4-21  
L. R. *Tollbom* WHC R3-28  
T. B. Veneziano WHC B2-35  
J. D. Williams WHC H4-57  
Gary *Anderson* Ecology  
Bob King Ecology  
Paul Stasch Ecology  
Doug Sherwood EPA

ADMINISTRATIVE RECORD (Liquid Effluent Retention Facility and 200 Area Effluent Treatment/Disposal Facility) [Care of Susan Wray, WHC (H4-22)]

Washington State Department of Ecology, Nuclear and Mixed Waste Library

91121700638

Attachment #1

Liquid Effluent Retention Facility (LERF)  
and 200 Area Effluent Treatment/Disposal Facility  
Unit Managers Meeting  
Energy Technology Center Building 2, Room 201  
Richland, Washington  
February 1, 1991

Summary of Discussion and Comments

Several action items listed below are ones that have been carried over *from* previous meetings. Numbers identifying these items are in parenthesis.

Ecology (Paul Stasch) stated that they have not received copies of the unit manager meeting (UMM) minutes from October and November.

**ACTION ITEM:** DOE will supply copies of the UMM minutes from October and November 1990 by February 7, 1991 to Ecology. Action: Joe King

A Commitments/Agreements Status list and a LERF information handout was circulated and items thereon were discussed.

**ACTION ITEM (10-4-90:1):** Will remain OPEN until Ecology supplies DOE with a letter stating their position on the issue of the standardization of Hanford waste storage basin liners.

Ecology (Paul Stasch) expressed frustration with the practice of setting target dates for when a target date will be established. He also was annoyed with the fact that target dates are not met on a regular basis. If target dates are set, Ecology expects them to be fulfilled.

**ACTION ITEMS (10-4-90:5; 12-21-90:6,7,& 8):** These will remain OPEN until DOE/WHC supplies Ecology with: 1) engineering documentation explaining the performance/air quality rationale behind the choice of the LERF basin cover design; 2) engineering documentation on the rationale for pump selection, number of pumps, pump resistance to chemicals of concern, and pump operation criteria; 3) an explanation of how the number of sampling ports was selected; and 4) an engineering explanation of the filling method i.e., why not bottom fill the basins.

Number 1 above includes the backup calculations used to determine appropriate technology for the control and monitoring of air emissions. In addition, DOE will supply calculations justifying the determination of a net decrease in emissions as per PSD requirements. A date when this information will be supplied will be determined prior to the meetings scheduled for the week of Feb. 11th.

Ecology stated that the letter concerning air emissions at LERF (Izatt to Conklin) which was referenced in the handout did not necessarily address Ecology's concerns on the issue.

DOE (Cliff Clark) stated that when several state agencies are concerned with regulating the same issue, DOE needs a consensus opinion clearly stating the stand taken by the state.

**ACTION ITEM (12-21-90:2 & 3):** A meeting will be scheduled for the week of Feb. 11th to discuss the geotechnical considerations behind the test pad construction/testing. The exact date of this meeting will be determined

91121770639

according to Paul Stasch's availability. WHC will be able to *discuss* the revised test plan at this meeting.

**ACTION ITEM:** WHC will review its test fill procedure. This review will be done to make sure that the requirements of the CQA plan and the test fill plan are followed and that these requirements are not neglected in favor of a higher tier document.

WHC supplied a draft list of LERF documents which have been *or will be* supplied to Ecology from WHC/DOE. Ecology (Paul Stasch) will review this list and determine if he needs other documentation.

Ecology (Paul Stasch) requested the field notes taken during construction of the third test pad. This information should also include who took these notes as well as when they were taken.

**ACTION ITEM (12-21-90:5):** DOE will address the subject of independent oversight of inspections and integrity assessments and will present their stand at the next UMM. Ecology will also determine their stance on this issue.

Ecology (Paul Stasch) requested that new action items be new business and not a rewording of old action items. Action items will be carried over from meeting to meeting until the issue is resolved.

The time and location of the next Unit Managers Meeting will be determined.

91121/30640

Attachment #2

LERF and 200 Area Effluent Treatment/Disposal Facility  
Unit Managers Meeting  
February 1, 1991

Attendance

<u>Name</u>	<u>Organization</u>	<u>Phone</u>
Gary Anderson	Ecology	206-459-7558
G.P. Burchell	WHC	509-376-1737
Cliff Clark	DOE	509-376-9333
R.X Gonzalez	SWEC	509-376-8218
R.J. Julian	WHC	509-373-4056
Bob King	Ecology	206-459-6727
Joe King	SWEC	509-376-4726
Art Lassila	DOE	509-376-6158
F.N. McDonald	WHC	509-373-2910
Dale McKenney	WHC	509-373-1110
Sue Price	WHC	509-376-1653
Paul Stasch	Ecology	206-459-6725
L.R. Tollbom	WHC	206-376-2357
Janice Williams	WHC	509-376-7542

91121730541

Attachment #3

LERF and 200 Area Effluent Treatment/Disposal Facility  
Unit Managers Meeting  
February 1, 1991

Agenda

1. Unit Managers' Approval of Previous Meeting Minutes
2. Status of Open LERF Action Items
  - o Item 10-4-90:1
  - o Item 10-4-90:5
  - o Item 10-4-90:6
  - o Item 10-4-90:7
  - o Item 11-9-90:3
  - o Item 12-21-90:1
  - o Item 12-21-90:2
  - o Item 12-21-90:3
  - o Item 12-21-90:4
  - o Item 12-21-90:5
  - o Item 1-21-90:6
  - o Item 12-21-90:7
  - o Item 21-21-90:8
3. Review of New Action Items
4. Schedule of Next Meeting

91121730642

Attachment #4

LERF Unit Managers Meeting  
Commitments/Agreements Status List

February 1, 1991

- 9 1 1 2 1 7 0 6 4 3
1. 10-4-90:1 Standardization of Hanford waste storage basin liners/covers.  
  
OPEN
  2. 10-4-90:2 Define the process and time frames for getting ECNs and applicable project documentation to Ecology.  
  
CLOSED - This was closed at the last Unit Managers Meeting. ECNs and other documentation will be cleared and presented to Ecology at the Unit Managers Meetings as available.
  3. 10-4-90:3 Provide CQA documentation to Ecology.  
  
CLOSED - Provided at the December 21, 1990 Unit Managers Meeting.
  4. 10-4-90:4 Provide LERF drawings and specifications to Ecology  
  
CLOSED - Provided at the December 21, 1990 Unit Managers Meeting.
  5. 10-4-90:5 WHC/DOE-RL to provide a date for submittal of the performance/air quality rationale for the LERF basin cover design to Ecology at the December 1990 meeting.  
  
OPEN - It was decided that the information would be provided at the next Unit Managers Meeting. Status will remain open until delivery of documents.
  6. 10-4-90:6 Discuss stand-alone dangerous waste management plans at the December 1990 meeting. Paul Stasch to provide required "lead times" for Ecology review, comment, and approval of this documentation prior to start-up.  
  
CLOSED - It was committed that these documents would be provided in April.
  7. 10-4-90:7 Incorporate soil/bentonite repair tests in the test bed permeability testing program.  
  
OPEN - Part of 12-21-90:2
  8. 11-9-90:2 Ecology acceptance of the Hanford BAT guidance documents for AKART.

CLOSED - Ecology documented their position in their November 9, 1990 letter to DOE-RL.

9. 11-9-90:3 WHC to assemble by January 11, 1991 a draft inventory of documents to be submitted to Ecology. Action: Dale McKenney.

OPEN

10. 12-21-90:1 Supply Ecology (Paul Stasch) with a current list of official contacts for the various aspects of any given operation. Action: Rich Nevarez.

OPEN

11. 12-21-90:2 WHC will revise the test plan such that the third test pad would be proposed for use in repair testing and permeability testing. The revised plan is to be submitted to Ecology by January 14, 1991. Action: Dale McKenney.

OPEN

12. 12-21-90:3 Evaluate whether or not the test procedure can be done in the existing test bed. Action: Dale McKenney.

OPEN

13. 12-21-90:4 WHC will have a document list in draft form transmitted to DOE (Rich Nevarez) for distribution to Ecology by January 11, 1991. Action: Dale McKenney.

OPEN - Part of 11-9-90:3

14. 12-21-90:5 DOE will address the subject of independent oversight of inspections and integrity assessment and will present the status of it at the next UMM. Action: Cliff Clark.

OPEN

15. 12-21-90:6 Information will be provided regarding LERF pumps to Ecology by February 2, 1991 stating the rationale for the number of pumps, the pump resistance to the chemical constituents that will be in the effluents stored in the LERF basins, if there are back-ups, if torque may be a problem, whether the installation approach is proven, and the basis for the seven-day evacuation time. Action: DOE/WHC.

OPEN - Agreed in meeting that cleared engineering documents were not needed, that paragraph-length explanations were all that were needed.

91121730644

16. 12-21-90:7 Information will be provided regarding LERF sampling ports to Ecology by February 2, 1991 stating the rationale for the number of LERF sampling ports, the quality of the samples to be obtained, the sampling procedure, sampling port design, and the basis for the sampling port locations. Action: DOE/WHC.

OPEN - Part of 12-21-90:7 - Agreed in meeting that cleared engineering documents were not needed, that paragraph-length explanations were all that were needed.

17. 12-21-90:8 Information will be provided regarding LERF filling method to Ecology by February 2, 1991 stating the present rationale for fill design of filling the basins from the upper sides. Action: DOE/WHC.

OPEN - Part of 12-21-90:7 - Agreed in meeting that cleared engineering documents were not needed, that paragraph-length explanations were all that were needed.

18. 2-1-91:1 DOE will supply copies of the UMM minutes from October and November 1990 by February 7, 1991 to Ecology. Action: Joe King.

OPEN

19. 2-1-91:2 WHC will review its test fill procedure. This review will be done to make sure that the requirements of the CQA plan and the test fill plan are followed and that these requirements are not neglected in favor of a higher tier document. Action: Dale McKenney.

OPEN

91121730645