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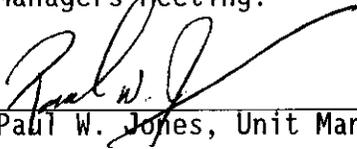
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Meeting Minutes Transmittal

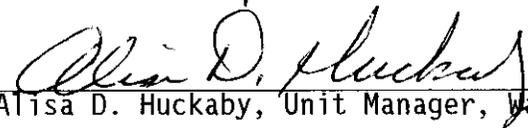
224-T TRANSURANIC WASTE STORAGE AND ASSAY FACILITY
Unit Managers Meeting
Federal Building, Room 784B
Richland, Washington

November 10, 1994
10:00 a.m. - 12:00 p.m.

The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Unit Managers Meeting.


Paul W. Jones, Unit Manager, RL Date: 1-11-95


Daniel L. Duncan, RCRA Program Manager, EPA Region 10 Date: 1/12/95


Alisa D. Huckaby, Unit Manager, Washington State Department of Ecology Date: 1-11-95

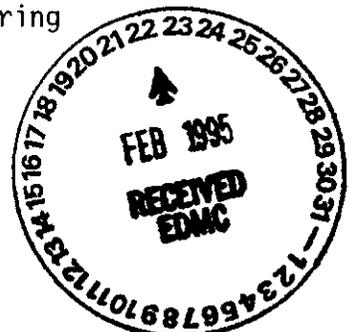
224-T Transuranic Waste Storage and Assay Facility, WHC Concurrence


Richard D. Pierce, Contractor Representative, WHC
(Represented by Brett M. Barnes, WHC) Date: 1-12-95

Purpose: Discuss Permitting Process

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

- Attachment 1 - Agenda
- Attachment 2 - Summary of Discussion and Commitments/Agreements
- Attachment 3 - Attendance List
- Attachment 4 - Action Items
- Attachment 5 - Photographs Depicting Leaks at the 224-T TRUSAF During October 1994
- Attachment 6 - Report on TRUSAF Precipitation Leaks



Attachment 1

**224-T TRANSURANIC WASTE STORAGE AND ASSAY FACILITY
Unit Managers Meeting
Federal Building, Room 784B
Richland, Washington**

**November 10, 1994
10:00 a.m. - 12:00 p.m.**

Agenda

1. MEETING MINUTES
2. STATUS OF RESPONSE TO NOTICE OF DEFICIENCY RESPONSE TABLE
3. ACTION ITEMS
4. GENERAL DISCUSSION
5. SET NEXT MEETING DATE

Attachment 2**224-T TRANSURANIC WASTE STORAGE AND ASSAY FACILITY
Unit Managers Meeting
Federal Building, Room 784B
Richland, Washington****November 10, 1994
10:00 a.m. - 12:00 p.m.****Summary of Discussion and Commitments/Agreements****1. MEETING MINUTES**

The July 7, 1994 and September 13, 1994 Unit Manager Meeting minutes were approved. The Unit Manager Meeting scheduled for August 1994 was cancelled, and no Unit Manager Meeting was scheduled for October 1994.

2. STATUS OF RESPONSE TO NOTICE OF DEFICIENCY RESPONSE TABLE

Ms. A. Huckaby (Ecology) stated that she was ready to begin her review of the NOD response table, and that if she had any questions she would contact the appropriate individual.

3. ACTION ITEMS

Action item 3-15-94:1, WHC will provide Ecology (Ms. Huckaby) a copy of the engineering study and the analysis that was done to identify compliance issues at TRUSAF, and a copy of the ADSs related to TRUSAF's proposed budget.

Mr. D. Saueressig (WHC) previously provided copies of the ADSs to Ms. Huckaby. Mr. Saueressig stated that the engineering study is being evaluated, and a date has not been provided for its release. This action item was left open. Mr. D. Duncan (EPA) suggested that a new action item be established to determine when the engineering study will be available to EPA and Ecology.

Action item 6-1-94:1, WHC will provide Ecology (Ms. Huckaby) information regarding evaluation of the integrity of the roof.

Mr. Saueressig stated that the evaluation report has been completed and a copy was provided to Ms. Huckaby. This action item was closed.

Action item 7-7-94:1, WHC will analyze the situation when water appears in the facility to determine the source of the water, and Ms. Huckaby will be contacted so she can conduct a visual inspection.

Mr. Saueressig stated that in October 1994, water was noted leaking into the unit and Ms. Huckaby was notified. At the time Ms. Huckaby was out of town, and she suggested that photographs be

taken. Mr. Saueressig provided the photographs to Ms. Huckaby during the meeting (Attachment 5). Ms. B. Broomfield (WHC) stated that a report was written by the cognizant engineer, and a copy would be provided to EPA and Ecology (Attachment 6). Ms. Broomfield explained it was determined the leak originated from a crack on one of the exterior walls, and the crack is being pressure grouted. Ms. Huckaby requested an action item for WHC to photograph the roof if there is another leak event. Ms. Huckaby then referred to a previous snowstorm event which caused leaking inside the facility, and expressed concern that the roof may be a source of leaking. Ms. S. Campbell (WHC) noted that the daily checklist includes looking for staining liquids. It was agreed among RL/WHC and Ecology to carry the action item to continue to observe the facility for leaks.

Action item 9-13-94:1, WHC will provide Ecology a waste inventory for the process cells.

Ms. Broomfield stated that an assessment of the process cells is planned. The initial effort will include reviewing records and interviewing engineers who worked at the facility. WHC plans to evaluate performing remote visual inspection of the process cells. This action item remained open.

4. GENERAL DISCUSSION

Mr. Duncan requested a discussion regarding land disposal restriction (LDR) issues be held during the next Unit Managers Meeting or a separate meeting. Mr. Duncan stated that he will be transmitting to RL/WHC additional LDR information that the EPA published in September 1994. Mr. C. Clark (RL) indicated that LDR issues will be discussed during the steering committee meeting scheduled today. It was agreed among RL/WHC, Ecology and EPA to schedule the next Unit Managers Meeting in January 1995, and to include an update regarding LDR.

5. SET NEXT MEETING DATE

The next Unit Managers Meeting was scheduled for January 11, 1995, in the videoconference room at the Federal Building in Richland, Washington. A status regarding the LDR issues will be included on the agenda.

Attachment 4

224-T TRANSURANIC WASTE STORAGE AND ASSAY FACILITY
Unit Managers Meeting
Federal Building, Room 784B
Richland, Washington

November 10, 1994
10:00 a.m. - 12:00 p.m.

Action Items

<u>Action Item #</u>	<u>Description</u>
3-15-94:1	WHC will provide Ecology (Ms. Huckaby) a copy of the engineering study and the analysis that was done to identify compliance issues at TRUSAF, and a copy of the ADSs related to TRUSAF's proposed budget. ACTION: D. Saueressig (WHC) OPEN
6-1-94:1	WHC will provide Ecology (Ms. Huckaby) information regarding evaluation of the integrity of the roof. ACTION: D. Saueressig (WHC) CLOSED
7-7-94:1	WHC will analyze the situation when water appears in the facility to determine the source of the water, and Ms. Huckaby will be contacted so she can conduct a visual inspection. ACTION: C. Cejka (WHC) OPEN
9-13-94:1	WHC will provide Ecology a waste inventory for the process cells. ACTION: R. Gordon (DOE-RL) OPEN
11-10-94:1	WHC will determine by next week when the engineering study identifying compliance issues at TRUSAF will be available to EPA and Ecology and notify the regulators. ACTION: D. Saueressig (WHC) OPEN

11-10-94:2

WHC will send EPA (D. Duncan) a copy of the engineer's report regarding the leak at the facility.

ACTION: D. Saueressig (WHC)

OPEN

11-10-94:3

WHC will take photographs of the roof if there is another leak event.

ACTION:

OPEN

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Attachment 5

**224-T TRANSURANIC WASTE STORAGE AND ASSAY FACILITY
Unit Managers Meeting
Federal Building, Room 784B
Richland, Washington**

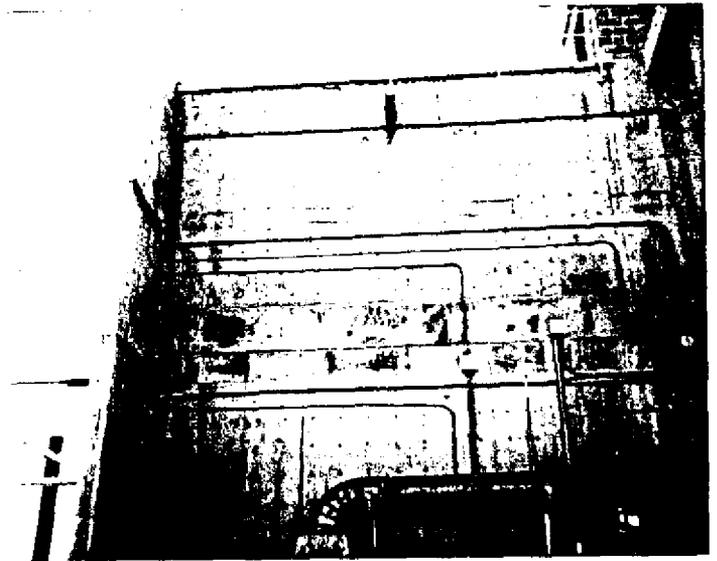
**November 10, 1994
10:00 a.m. - 12:00 p.m.**

PHOTOGRAPHS DEPICTING LEAK AT THE 224-T TRUSAF DURING OCTOBER 1994



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1039 7621

3rd Floor TRUSAF

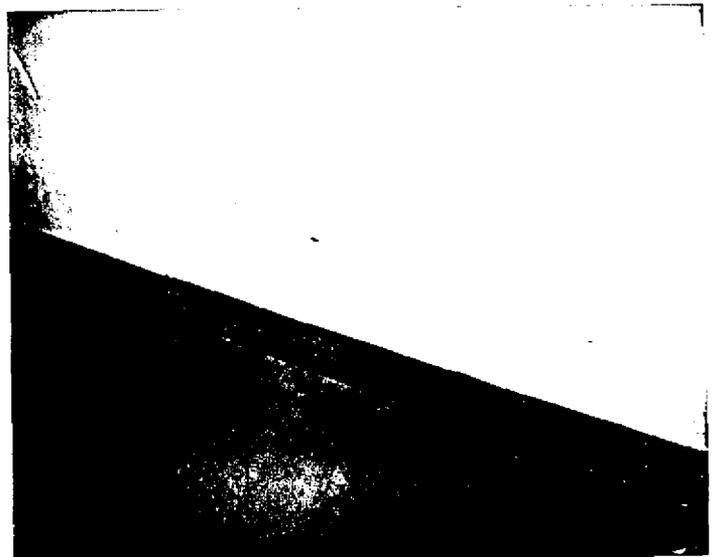


034161110228-2W
1039 7619



03416110228-2W
1039 7622

3rd Floor TRUSAF



03416110228-2W
1039 7620

3rd Floor TRUSAF

Attachment 6

224-T TRANSURANIC WASTE STORAGE AND ASSAY FACILITY
Unit Managers Meeting
Federal Building, Room 784B
Richland, Washington

November 10, 1994
10:00 a.m. - 12:00 p.m.

REPORT ON TRUSAF PRECIPITATION LEAKS

224-T TRUSAF PRECIPITATION LEAKS

Water leaks have been noted in the 224-T Building (224-T TRUSAF). How the water is getting in 224-T TRUSAF was unknown.

The first item checked was the structural integrity of the roof. In the spring of 1994, WHC requested ICF KH to evaluate the structural integrity of the roof.

Using a 227 kilogram robot, ICF KH tested the integrity of the roof. Their findings were that the roof was sound. From this, WHC concluded that the best course of action was to wait for a rain storm, then inspect 224-T TRUSAF for leaks.

On October 27, 1994, approximately 1.27 centimeters of rain fell on the Hanford Site. A 224-T TRUSAF leak inspection was performed by a cognizant engineer. Precipitation was found coming through the west wall at the southwest corner of the third floor. The crack was about 0.91 meters long and was between the floor level and 0.61 meters above the floor, indicating that the leak probably is through the exterior wall, not the roof.

The engineer inspected the roof and exterior wall in the vicinity of the leak. The engineer noted the flow of precipitation over the side of the roof onto the exterior wall in the vicinity of the leak. The engineer tested the 'leaking wall theory' by pouring a red dye on the roof so that the dye would flow over the side of the roof onto the exterior of the wall.

On Friday, October 28, 1994, the red dye was found on the west interior wall crack on the third floor of 224-T TRUSAF.

On Wednesday, November 2, 1994, the engineer inspected the west facing exterior wall of 224-T TRUSAF. Using a manlift, the engineer noted a crack in the west face. The engineer found noticeable red dye at some depth in this crack. Also the direction and location of the crack exterior was similar to the interior crack. Therefore, it is safe to assume that these two cracks are one and that the crack goes through the wall.

Work has started to pressure epoxy grout this crack.

Distribution:

L. D. Arnold	WHC	B2-35
B. M. Barnes	WHC	T3-04
R. C. Bowman	WHC	H6-24
B. J. Broomfield	WHC	T3-04
S. E. Campbell	WHC	T4-05
R. M. Carosino	RL	A4-52
C. C. Cejka	WHC	T4-03
M. Ciminera	MACTEC	B1-42
C. E. Clark	RL	A5-15
D. L. Duncan	EPA	HW-106
T. L. Erickson	WHC	N3-13
R. M. Gordon	RL	R3-80
P. L. Hapke	WHC	T4-05
M. L. Hayward	WHC	N3-13
K. L. Hladek	WHC	N3-13
A. D. Huckaby	Ecology	N1-08
M. N. Jaraysi	Ecology	N1-08
P. W. Jones	RL	A5-15
R. M. Lipinski	WHC	T3-04
P. J. Mackey	WHC	B3-15
R. D. Pierce	WHC	T3-04
D. B. Powell	WHC	T4-03
J. W. Pratt	WHC	T4-04
S. M. Price	WHC	H6-23
D. G. Saueressig	WHC	H6-24
H. T. Tilden II	PNL	P7-68
M. L. Walsch	WHC	H6-30
RCRA Files/GHL	WHC	H6-23

ADMINISTRATIVE RECORD: 224-T Transuranic Waste Storage and Assay Facility,
S-2-2 [Care of EDMC, WHC (H6-08)]

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P.O. Box 47600, Olympia, Washington 98504-7600

Environmental Protection Agency Region 10, Seattle, Washington 98101, Mail
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Please send comments on distribution list to K. E. Knox, WHC H6-24,
(509) 372-3596