

0049091

Meeting Minutes Transmittal

300 Area Project Meeting
Project Managers Meeting
Federal Building, Room 590A
Richland, Washington

March 5, 1998
1:00 p.m. to 1:30 p.m.



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

Mary E. Burandt Date: 4/2/98
Mary E. Burandt, Project Manager, RL

Jeanne J. Wallace Date: 4/2/98
Jeanne J. Wallace, Project Manager, Washington State Department of Ecology

300 Area Project Meeting, PNNL Concurrence

Delores K. Lutter Date: 4/2/98
Delores K. Lutter, Contractor Representative, PNNL

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 - Special Case Waste: Status Summary
- Attachment 5 - Workplan/Sample and Analysis Plan for 331 WIDS Sites
- Attachment 6 - PNNL WMOC Program -FY98 Performance Summary
- Attachment 7 - Commitment/Agreement Tracking Log

Distribution:

M. A. Barnard	RL	K8-50
M. E. Burandt	RL	K8-50
D. B. Crossley	PNNL	P7-79
G. P. Davis	Ecology	B5-18
B. J. Day	PNNL	K1-14
S. L. Jones	PNNL	P7-28
W. B. Larson	PNNL	P7-28
D. K. Lutter	PNNL	P7-79
E. M. Mattlin	RL	A5-15
M. W. McCoy	PNNL	P7-79
A. C. McKarns	RL	A5-15
T. W. Moon	PNNL	P7-68
C. J. Simiele	PNNL	P8-45
J. J. Wallace	Ecology	B5-18
S. L. Warren	PNNL	P8-34
P. J. Weaver	PNNL	K9-25
H. T. Tilden	PNNL	P7-79
RCRA Files/JM	WHC	H6-23

ADMINISTRATIVE RECORD (Two Copies Each Record): 300 Area Projects, H-0-7;
325 Hazardous Waste Treatment Unit, T-3-4; 324, S-3-4 [Care of EDMC, WHC
(H6-08)]

Please send comments on distribution list to J. D. McAtee (K9-25),
(509) 372-4183.

Attachment 1

300 AREA PROJECT MEETING
Federal Building, Room 590A
Richland, Washington

March 5, 1998
1:00 p.m. to 1:30 p.m.

Agenda

1. Approval of Past 300 Area PMM minutes. (Ecology/DOE-RL/PNNL) (J. McAtee)
2. Efficiency Issues (Ecology/DOE-RL) (M. Burandt)
3. 325 HWTUs Part B Permit Application, Rev. 1 (Ecology/DOE-RL/PNNL)
(H.Tilden/T. McKarns/M. McCoy)
 - Status of Draft Conditions
 - Comments on 325 HWTU WAP Tables (Ecology)
4. Status of Silver List Issues (Ecology/DOE-RL/PNNL) (H. Tilden)
5. Status of Action Items (Ecology/DOE-RL/PNNL)
 - 11-06-97:1 5 Silver List Items returned to M. Burandt (DOE-RL).
ACTION: J. Wallace (Ecology)
CLOSED
 - 01-08-98:1 5 Silver List Items are with Ecology and due to DOE-RL.
ACTION: J. Wallace (Ecology)
 - 01-08-98:2 1 Silver List Item with DOE-RL waiting to be sent to
Ecology.
ACTION: M. Burandt (DOE-RL)
 - Commitment/Agreement Tracking Log (Ecology/DOE-RL/PNNL)
6. General Discussion (Ecology/DOE-RL/PNNL)
 - 324 Inspection Status (B. Wilson/J. Wallace)
 - Special Case Waste (J. Bumgardner)
7. New Action Items
8. Status of Budget Issues (Ecology/DOE-RL/PNNL) (J. Fulton)
9. Schedule Variance and Funding (Ecology/DOE-RL/PNNL) (J. Fulton)
10. Next Project Managers Meeting (Ecology/DOE-RL/PNNL)
 - Next Meeting
April 2, 1998, 1:00pm - 1:30pm
Federal Building, Room 590A; Richland, Washington
 - Proposed topics may be submitted to J. D. McAtee, e-mail
jaralyn.mcatee@pnl.gov, 372-4183, 375-4524 (fax).

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300 Area Project Meeting
Richland, Washington
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March 5, 1998
1:00 p.m. to 1:30 p.m.

1. Approval of Past 300 Area PMM Minutes

The January 8, 1998 Project Manager Meeting (PMM) minutes were approved. A PMM was not held in February 1998.

2. Efficiency Issues

There were no efficiency issues to address.

3. 325 HWTUs Part B Permit Application, Rev. 1

- Status of Draft Conditions

M. McCoy (PNNL) reported on the three items that are due 30 days from February 27, 1998. They are as follows: 1) The Map. It is completed; 2) AABB assessment. This will probably be completed this afternoon; 3) WAP changes. We are waiting for comments back from Ecology.

M. McCoy (PNNL) raised a question regarding the map and assessment having to undergo the same certification process as the Part B Permit Application. T. McKarns (DOE-RL) responded that the question is being evaluated.

All the text changes have been incorporated into the Part B Permit and the remaining conditions are completed. These will come up in the next mod or the next one. M. McCoy (PNNL) inquired about the draft conditions which don't refer to text changes. G. Davis (Ecology) suggested leaving them as permit conditions and fixing them in the next mod package.

M. McCoy (PNNL) noted that the construction drawings of the new tank are complete, however, the drawings will likely be changed to as-builds during construction, and those as-built drawings will be provided to Ecology when available.

T. McKarns (DOE-RL) reported that a meeting was held between DOE-RL and Ecology to discuss Ecology's request that the tank construction drawings be certified by a Professional Engineer. It was agreed to provide the information to Ecology (map, assessment, drawings), with the understanding that certification may be required at a later date.

- Comments on 325 HWTU WAP Tables

A discussion between DOE/PNNL/Ecology resulted in an agreement by all that Ecology will provide comments regarding the Waste Analysis Plan (WAP) tables by March 17, 1998. The current WAP.

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will be submitted to Ecology by March 30, 1998.

4. Status of Silver List Issues

Silver list item Nos. 11.3 and 39 were signed by Ecology. M. Burandt (DOE-RL) took an action to send J. Wallace (Ecology) copies of the original signed documents.

H. Tilden (PNNL) reported that Silver list item No. 11.2, regarding the HEPA filters, has been resolved. A closeout form will be provided for Ecology signature at the next PMM.

5. Status of Action Items

11-06-97:1 ACTION: Five Silver list items returned to M. Burandt (DOE-RL).
CLOSED

This action item was CLOSED during the January 8, 1998 PMM.

01-08-98:1 ACTION: Five Silver list items are with Ecology and due to DOE-RL.
CLOSED

A correction was made to this action item. There were four Silver list items, and they were signed by Ecology and given to DOE-RL. This action item was CLOSED.

01-08-98:2 ACTION: One Silver list item with DOE-RL waiting to be sent to Ecology.
OPEN

This Silver list item, No. 11.2 (HEPA Filters), will be provided to Ecology for signature at the next PMM. This action item will remain open.

6. General Discussion

• 324 Inspection Status

M. Burandt (DOE-RL) stated that DOE-RL transmitted a letter on February 26, 1998, responding to Ecology's inspection report. J. Wallace (Ecology) acknowledged receipt of the letter. M. Burandt specifically noted how concern Nos. 3 (list of satellite accumulation areas) and 4 (security of satellite accumulation areas) were addressed in DOE-RL's letter. PNNL is to incorporate their corrective action as part of the response to No. 4.

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- Special Case Waste

J. Bumgardner (PNNL) distributed a handout (Attachment 4) No new items were identified as being special case waste. The majority of the items on the list previously were transferred to B&W during the 324/327 transfer. There are nine items remaining on the list. PNNL plans to team with B&W to get rid of the material. PNNL's efforts to team with B&W will reduce duplication efforts by both contractors. However, there was one item on the list that probably won't go out on the EBR2 cask, line item seven.

M. McCoy (PNNL) noted that the waste listed under No. 7 (see Attachment 4) will be consolidated with the B&W waste that will be sent to the PUREX Tunnels.

- Sample & Analysis Plan for 331 WIDS

M. Burandt (DOE-RL) asked whether Ecology wanted to review and comment on the 331 Waste Identification Database System (WIDS) site Sample and Analysis Plan (Attachment 5). J. Wallace (Ecology) indicated that she would review the plan and provide comments by March 19, 1998. It was agreed that if comments are not received by that date, that the plan is considered accepted by Ecology.

S. Jones (PNNL) explained that the facilities that existed before 331 was built contained a waste system that drained into trenches and ditches. The waste was strictly biological. The soil column and groundwater will be sampled, and if no contamination is detected, PNNL will request closure of the site

7. New Action Items

- 03-05-98:01 Copies of Silver list item Nos. 11.3 and 39, which were signed during the 3-5-98 PMM will be provided to J. Wallace (Ecology).
ACTION: M. Burandt (DOE-RL)
- 03-05-98:02 Provide Ecology with a schedule for the PDP and MYWP development process.
ACTION: M. Burandt (DOE-RL)

8. Status of Budget Issues

J. Fulton (PNNL) distributed the FY 1998 performance summary (Attachment 6). PNNL is progressing with the FY 2000 budget and undergoing a public review and comment period. There is a

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concern that PNNL will not receive all of the funding requested for the legacy waste program. The potential impact is being quantified this fiscal year as the volume of waste is being identified.

PNNL has received the majority of the FY 98 funding authorization.

9. Schedule Variance and Funding

The cost and schedule variance for January 1998 is reflected on Attachment 6. Due to the early date of the meeting the final report for February was not available however, J. Fulton (PNNL) reported that the cost variance reflected an increase at the end of February 1998, as a result of continued efficiency improvements regarding the 325 surveillance and maintenance and Waste Management-Current Generation projects.

A comprehensive schedule of what the whole planning process is going to be like, has been put together and is in DOE-STO's hands. PNNL tried to identify interface points with DOE that will need to be discussed during preparation of the annual budget. If Ecology is interested in having a formal review of the MYWP prior to its signing or any of the annual baseline planning processing, that can be factored into the schedule. J. Wallace (Ecology) would be willing to sit in on something already arranged. J. Fulton (PNNL) will work that out with DOE-STO and factor it into the schedule.

10. Next Project Managers Meeting (Ecology/DOE-RL/PNNL)

- April 2, 1998
Federal Building, RM 590A
Richland, Washington.
- Proposed topics may be submitted to J. D. McAtee, e-mail jaralyn.mcatee@pnl.gov, 372-4183, 375-4524 (fax).

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Attachment 4

300 AREA PROJECT MEETING
Project Managers Meeting
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March 5, 1998
1:00 p.m. to 1:30 p.m.

PNNL Special Case Waste: Status Summary

PNNL SPECIAL CASE WASTE: STATUS SUMMARY

SCW Inventory:

An additional assessment for SCW has been completed; no new material was determined to be SCW. PNNL has provided this information to Rich Hobart in B&W for inclusion in the 300 Area SCW list. Most of the SCW that was assigned to PNNL in the past was transferred to B&W during the 324 / 327 transfer.

Path Forward for PNNL material:

Use process established by B&W to handle their material. Dispose of fuel pieces in casks with special liners. Strategy is to team with B&W in the disposal of this waste when possible.

Funding:

Approximately 150K allocated for this year.

PNNL 300 AREA RADIONUCLIDE INVENTORY- SPECIAL CASE WASTE

#	BLDG	DESCRIPTION	CURIES *	PERCENT TOTAL	NOTES
1	325A Bcell	Pcs fuel, fines	156	<0.001	1.2 kG Assume power
2	325A Bcell	Shippingsport fuel	455 exempt	0.002 exempt	3.5 kG--Power path forward defined-- as SNF
3	325A Bcell	Yankee (pcs)	220	0.001	1.7 kG--Power
4	325A Bcell	Saxton-Plutonium (pcs)		--	5.7 gm --Power
5	325A 516	N fuel irradiated	200 exempt	0.001 exempt	6.4 kG path forward defined- SNF
6	325B cell1	RH-TRU hot cell dry waste & fuel partic.	130	<0.001	35-1 gal cans Estimate 1kG
7	325B cell1	Hot cell waste & cladding, wipes w/o fuel	10	<0.001	35-4 & 5qt cans Estimated
8	325B cell3	Pieces of UO2 fuel (commercial) Mat.Char.Cent.fuel	4456	0.03	20 pipe capsules calc 34.2 kG
9	325B cell3	6"long fuel pin bundles 7 segm. ea.	585	0.003	3 pipe capsules calc 4.5 kG

*--Assume 130Ci/kG fuel for power fuel (mixed Fission Products)

*--Assume 25Ci/kG N fuel (mixed Fission Products) (10yr decay)

Attachment 5

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Workplan/Sample and Analysis Plan for 331 WIDS Sites

**Workplan/Sample and Analysis Plan
331 Building WIDS Sites
March 1998**

Purpose

This workplan presents the strategy and rationale for hydrogeologic and geochemical characterization of five Waste Identification Database System (WIDS) sites associated with the animal waste processes at the 331 Life Sciences Laboratory (LSL) Building. WIDS documentation indicates the possibility of residual radiological and hazardous waste contamination from past operations of the animal waste system. Sampling and analysis activities are proposed to determine the nature and extent of any residual contamination in soil and groundwater. Samples from each site, as well as background samples, will be taken and analyzed for constituents of concern. The goal of this characterization effort is to determine what further action, if any, is necessary at these sites.

Background

The 331 Building (Figure 1), located in the Hanford Site's 300 Area, was constructed in 1970. The largest portion is a three-story facility, consisting of laboratories on the first and third floors. The first floor laboratory area initially contained a multi-room, inhalation toxicology, and exposure suite. The third floor laboratories included small animal facilities, and related animal physiology and inhalation toxicology laboratories, low-level and high-level radiochemistry laboratories, as well as tissue culture, virology, histology, hematology, biochemistry, histochemistry, pathology, and microbial physiology laboratories.

Two smaller ancillary structures, 331-A and 331-B, made up another segment of the 331 Building. The 331-A Building is detached and located on the northwest side of the 331 Building and contained 15 pen areas for large animals (e.g., swine). The 331-B Building, connected to the west and southwest portion of the 331 Building, is a one-story concrete block structure with long, narrow, animal runs. The run area originally contained 110 concrete living units for dogs. The north section was comprised of an animal clinic, hospital, food preparation room, and change room. An equipment room and a metabolism room were located at the south end of the animal runs. The dog runs were built as a wing adjacent to 331-B. It also contained dog habitat areas.

A semi-high bay building, 331-D, was erected southeast of the 331 Building in 1974. The 331-D Building served as the Animal Waste Treatment Facility. It contained a 25,000-gpd capacity waste treatment plant which was designed to chemically treat, mechanically flocculate, settle, and gravity filter animal wastes. A sludge dryer also was installed to heat and dry 120 lbs./hr of sewage sludge product from the treatment facility. This facility never operated as a waste treatment facility.

Attachment 6

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PNNL WMOC Program

**PNNL WMOC Program
FY 1998 Performance Summary
Thru January 1998**

3/5/98

Info as of January end 1998: Rev 0 Baseline										
Subactivity	Type	SubAcct	Expected Funds	BAC	BCWS FYTD	BCWP FYTD	ACWP FYTD	CV FYTD	SV FYTD	
8400-00-DA	Waste Management - Legacy Waste and Contamination Special Projects	OP	28029A	2,305,000	2,305,004	326,101	257,200	192,684	64,516	-68,901
8400-00-DA	Legacy Waste (Planning Case)	OP	TBD	0	0	0	0	0	0	0
8400-00-DA	Waste Management - Current Generation	OP	17629C	4,780,000	4,779,912	1,539,727	1,319,300	1,215,977	103,323	-220,427
8400-00-DA	Effluent Management	OP	19173A	2,335,000	2,335,108	669,000	640,000	649,370	-9,370	-29,000
8400-00-HB	EC Technical Support Services	OP	26165A	1,416,000	1,428,359	480,747	388,000	356,869	31,131	-92,747
8400-00-FB	325 S&M/patrol	OP	22547A	2,938,000	2,938,290	843,203	761,000	659,419	101,581	-82,203
8400-00-FB	RLWS	GPP	24277A 24278A	1,948,000	1,685,460	760,690	333,000	355,115	-22,115	-427,690
8400-00-FB	RLWS	OP	27549A	58,000	57,760	46,570	22,000	8,533	13,467	-24,570
8400-00-FB	S&M Misc Facilities	OP	18698B	56,000	55,893	17,369	17,341	19,473	-2,132	-28
8400-00-NA	Essential ES&H Drawings	OP	21275A	448,000	448,217	140,222	128,500	128,437	63	-11,722
8400-00-UA	WM Operations Compliance PM	OP	19958B	751,000	751,064	202,482	222,539	141,962	80,577	20,057
Total				17,035,000	16,785,067	5,026,111	4,088,880	3,727,839	361,041	-937,231

Attachment 7

300 AREA PROJECT MEETING
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Commitment/Agreement Tracking Log

**300 Area Project Managers Meeting
Information Tracking Log**

Date	Information Presented	Presenter	Receiver	Acceptance/ Conclusion/ Commitment Reached	Outstanding Action for Information Presented
11/6/97	SEPA Checklist	D. Lutter (PNNL)	G. Davis (Ecology)	Information request only. Closed	None
11/6/97	Silver List Items (12.2, 12.4, 11.1, 11.7, 16.3.9)	M. Burandt (DOE-RL)	J. Wallace (Ecology)	Signed by Ecology and returned to DOE-RL.	CLOSED
11/6/97	Draft cc:Mail (325 in Terms of Volumes and Storage)	G. Davis (Ecology)	W. Larson (PNNL)	Draft is considered final until the permit is issued.	None
12/4/97	Audit of PNNL Waste Management	M. Burandt (DOE-RL)	J. Wallace (Ecology)	Information request only. Closed	None
3/5/98	Silver List Items (11.3/11.39)	J. Wallace (Ecology)	M. Burandt (DOE-RL)	M. Burandt to provide copies of signed information to Ecology.	
3/5/98	Sample and Analysis Plan for 331 WIDS	M. Burandt (DOE-RL)	J. Wallace (Ecology)	Review and provide comments by 3/19/98 or assume Ecology acceptance. Comments provided.	CLOSED

Approval of the 300 Area Project Managers Meeting Information Tracking Log and the attached meeting minutes constitutes acceptance by the parties of the commitments/agreements described therein.

ECOLOGY

DOE/RL

PNNL

Jeanne J. Wallace 4/2/98
Date

Mary E Burandt 4/2/98
Date

D. Lutter
Date