

Meeting Minutes Transmittal

300 Area BWHC Facility Transition General Topics
Project Managers' Meeting
Federal Building/Room 269
Richland, Washington

January 13, 1999
9:30 a.m. to 10:30 a.m.

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

David W. Templeton Date: 3-4-99
David W. Templeton, Project Manager, RL

A. B. Stone Date: 3-4-99
A. B. Stone, Project Manager, Washington State Department of Ecology

300 Area BWHC Facility Transition General Topics PMM, BWHC Concurrence

David E. Rasmussen Date: 3/04/99
D. E. Rasmussen, Contractor Representative, BWHC

Purpose: Discuss BWHC 300 Area Facility Transition General Topics

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 - Ecology 300 Area Project Management/Phone List
- Attachment 5 - PATH FORWARD
- Attachment 6 - 327 Legacy Waste Bucket Verification Plan for FY1999
- Attachment 7 - Letter G. H. Sanders, RL to M. A. Wilson, Ecology, and D. Sherwood, EPA.



Attachment 1

300 Area BWHC Facility Transition General Topics
Project Managers' Meeting
Federal Building/Room 269
Richland, Washington

January 13, 1999
9:30 a.m. to 10:30 a.m.
Agenda

1. Introduction(s)
 - a. Ecology interfaces / clarification
2. Previous Meeting Minutes
3. 303-K status
4. Action item review
 - a. Silver list issues closeout status, 324/327
 - 11.8 324 Building, Na-contaminated shielded glovebox (SCW)
 - 16.3.8 324 Building, tanks secondary containment and leak detection
 - 16.3.11 327 Building, RLWS secondary containment and leak detection
5. Other topics/discussions
 - a. 327 TRU Special-Case Waste (SCW) one-gallon containers status
 - drum packaging status sheet
 - verification plan update
 - additional containers
 - b. Cesium chloride status, TPA M-92-04 (Complete transfer of all 300 Area Cs/Sr to WESF and /or approved storage location, December 1998)
 - c. RCRA / CERCLA integration activities status, upcoming WIDS sites walkdowns
 - d. 324 / 327 / 340 Facility RLWS isolation activities status
 - e. 327 RLWS pipe water, summary / status
 - f. 327 fire system water pipe break 12/26/98, summary / status
 - g. Waste designation white paper status
 - h. Facility familiarization tours for Ecology points-of-contact
 - i. Other Topics
6. Schedule next meeting

Attachment 2

300 Area BWHC Facility Transition General Topics
Project Manager's Meeting
Federal Building/Room 269
Richland, Washington

January 13, 1999
2:00 p.m. to 2:45 p.m.

1. Ecology Interfaces/Clarification and Introductions

A. Stone (Ecology) opened the meeting by discussing Ecology's management structure for 300 Area projects (Attachment 4). A list was also presented with Ecology staff, job duties, phone numbers and electronic mail addresses (Attachment 4). A. Stone is the project manager, and he emphasized that questions regarding the individual units should be initially directed to him.

Brief introductions were given by each attendee at the meeting.

2. Previous Meeting Minutes

The 300 BWHC PMM minutes from November 5, 1998 were signed.

3. 303-K Status

The 303-K PMM minutes from October 8, 1998 and November 5, 1998 were signed. A. Stone agreed to schedule a meeting this month for a 303-K presentation prepared by RL.

4. Action Item Review

A. Stone agreed to a workshop sometime in early February 1999 to discuss the final disposition of the remaining Silver list issues.

a. Silver list issues close-out status, 324/327

The three remaining Silver list items are vein revised by BWHC as follows:

11.8 324 Building; Na-contaminated shielded glovebox (SCW):

The approach will be to clean out the glovebox, and that any residual materials will be analyzed to support dispositioning. Since the glovebox has been partially cleaned out before, the sampling of residual material is anticipated to effectively clean out the glovebox.

16.3.8. 324 Building; tanks secondary containment and leak detection:

The 324 tanks and the RLWS system issues have undergone significant changes to reflect the system being out of service and the cognizant engineer is currently reviewing the write-ups.

16:3.11. 327 Building, RLWS secondary containment and leak detection:

This issue is very similar to the 324 Building and has undergone similar changes.

5. Other Topics/Discussions

- a. 327 TRU Special-Case Waste (SCW) one-gallon containers (waste buckets) status.

- drum packaging status sheet
- verification plan update

D. Templeton (RL) provided copies of the *Path Forward* (Attachment 5) and the *327 Legacy Waste Bucket Verification Plan for FY 1999* (Attachment 6) to support discussion of this topic. The RL commitment for FY 1999 is to ship out 20 shielded drums containing between three and four buckets of SCW each.

- additional containers

D. Templeton discussed that in 327 there are two interconnected cells, the lower of which was packed full of waste buckets. Until many of the buckets were removed, it was not possible to verify what was in the lower cell. Last week while moving buckets from the lower cell to the top cell, 35 additional buckets were found that had not been previously identified, i.e., they did not have inventory sheets. This was cause for an occurrence report and an immediate notification report.

A. Stone questioned how the additional buckets would affect cost, planning, or the final cleanup schedule. D. Templeton responded that because the plan (FY 1999) is to do a certain number of containers, the program would not progress as far as planned, and that next year's funding would determine what additional activities can be performed.

D. Rasmussen (BWHC) elaborated that if the contents are similar to last year's, cost, planning, and the final cleanup schedule should not be greatly affected.

- b. Cesium chloride status, TPA M-92-04 (Complete transfer of all 300 Area Cs/Sr to WESF and/or approved storage location, December 1998)

A copy of the letter of notification to the EPA regarding completion of TPA Milestone M-92-04 was distributed (Attachment 7).

- c. RCRA/CERCLA integration activities status, upcoming WIDS sites walkdowns

E. Mattlin (RL) summarized that there are a lot of waste sites on the WIDS data base being looked at through a phased approach, and a number of them have gone through internal facility and Bechtel Hanford Inc. (BHI) walkdown with RL involvement. EPA walkdowns are close to being scheduled at some of the waste sites, and Ecology requested to be kept informed.

A. Stone stated that Ecology will need to know what the regulator involvement is or what the RL recommendation is for RCRA WIDS sites. He was not certain that Ecology will be able to participate in most of the walkdowns; therefore, a list of the RCRA sites was requested so that Ecology might consider random walkdowns at their discretion.

In lieu of a list of RCRA sites, it was agreed by RL and Ecology to schedule an informal meeting to learn more about the WIDS, the walk-down process, the number of applicable waste sites, etc.

d. 324/327/340 Facility RLWS isolation activities status

D. Rasmussen summarized that when the system in 327 was isolated in September 1998, the intent was for the RLWS liquids that normally go to the 340 Facility to be diverted to the 307 Basin 4 via the Retention Process Sewer (RPS). However, based on accident scenarios and the safety basis at that time, BWHC, RL, and WMH agreed that 307 Basin couldn't necessarily handle an extreme accident situation, but that 327 could. Therefore, an engineering change completed prior to December 26, 1998 isolated the diverter valve at 327 to prevent liquid from entering the 340 facility RLWS pipe. ~~Additionally, a gamma monitor in the RPS is interlocked with a diverter to ensure that liquid with an excess of 5,000 pCi per liter would be directed to a basin designated for radioactive liquid.~~ OER 3/4/99 DWT 3/4/99 Alex 3/4/99

FDH OER 3/4/99 DWT 3/4/99 AAC 3/4/99
M. Deleon (PAME) discussed some long-term engineering activities dealing with waste water handling systems that need to be considered at the buildings to provide long-term solutions in the event of a flood. M. Deleon stated that BWHC has provided several scenarios to address long-term concerns, and Fluor Daniel Hanford has directed them to perform an engineering study. The engineering study is to focus on adding some tanks to the 324/327 Facilities and also the possibility of using a portable ionization system to prevent unplanned discharges to the 307 Basin. A Baseline Change Request to perform the study has been requested by the end of this month and the study is to be completed within 45 days.

e. 327 RLWS pipe water, summary/status

OER 3/4/99
~~A portion of the pipe has been drained. However~~ Currently there is no method of draining the water out of the remaining section of pipe because where the water used to go has been isolated by 340 facility. A phased approach will be needed to completely empty the pipe. OER 3/4/99 DWT 3/4/99 Alex 3/4/99

The source of the water in the pipe hasn't been pinpointed and engineers are focusing on an engineering change to install a hot tap in the pipe. The Engineering Change Notice (ECN) design has been approved and signed off. The first steps are to remove lead shielding from the pipe and verify the ECN is accurate in terms of configuration, then the hot tap can be installed. From the hot tap, the liquid will be drained into a drum.

A. Stone questioned if the source of the liquid is unknown, how is it known that the liquid input has ceased or if this will be a continuous effort. A. Stone asked to be informed where the material is originating from, what is being done to stop input, and when the line was to be drained.

D. Rasmussen responded the RLWS system still connects with a number of drains in the facility and it is a complex plumbing system. D. Rasmussen took an action item to provide A. Stone the information he requested.

f. 327 fire system water pipe break 12/26/98, summary/status

After a lengthy discussion regarding the 327 fire system water pipe break on 12/26/98, the parties agreed to an action item to provide the critique of the occurrence which will effectively summarize and status this topic.

g. Waste designation white paper status

D. Rasmussen stated that substantial detail needs to be added to the

white paper based on comments from several facility personnel. It was agreed by the parties that after the paper is completed, a separate meeting will be convened to discuss it.

h. Facility familiarization tours for Ecology points-of-contact

D. Templeton suggested that the tours be scheduled after the informal program meeting to discuss WIDS, etc.

i. Other topics

A. Stone initiated a brief discussion regarding mission planning guidance for fiscal year 2001.

6. Schedule next meeting

The next meeting was scheduled for March 4, 1999, at the Federal Building in Richland, Washington.

Attachment 3

Attendance List

Meeting Title: 300 Area BWHC Facility Transition General Topics
Project Managers Meeting

Date: January 13, 1999

Name	Company	Phone Number
STEVE SKURLA	ECOLOGY	736-3011
DAVE TEMPLETON	DOE	376-2966
ELLEN MATTLIN	DOE	376-2385
STEVE STITES	DOE	376-8566
DAVE E. RASMUSSEN	BWHC	376-3288
Alex Stone	Ecology	736-3018
Michelle Anderson-Moore	Ecology	736-5714
Laura Rund	Ecology	736-5715
ERLINDA J. PALMOS	DOE-RL	373-9342
Jon Perry	FDH	376-9349
ANDREA PRIGNANO	WMH	376-1057
C M KRONVALL	BWHC	376-9601
ZELMA JACKSON	Ecology	736-3024
JOHN REMAVER	BWHC	372-1462
Manny DeLeon	FDH	312-1259
RL Guillen	DOE	376-0254
Greta Davis	Ecology	736-3025
Jason Adler	WMH	376-7513
Alisa Huckaby	Biology	736-3034
Tina Masterson-Heggen	Ecology	736-5701

Attachment 4

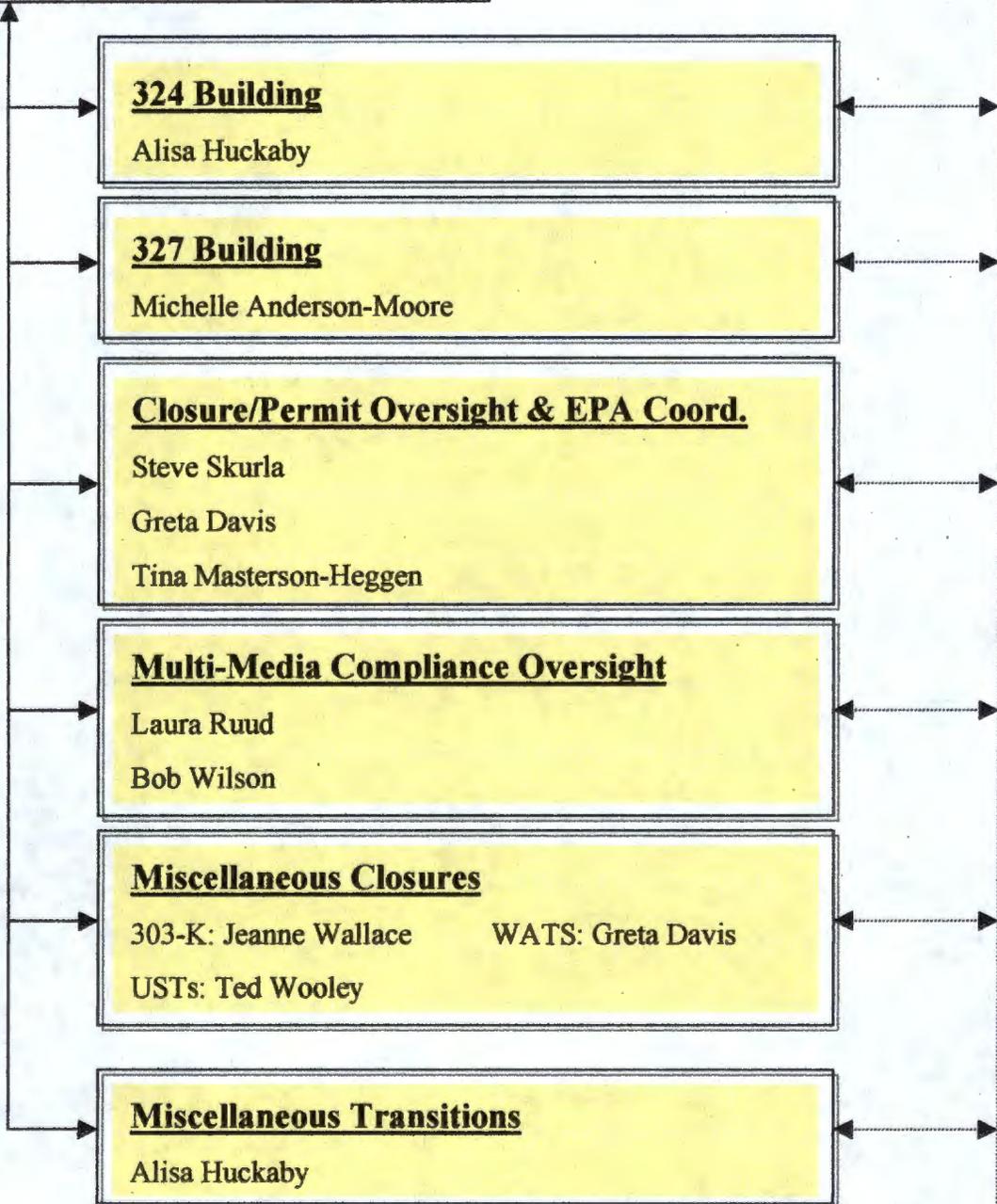
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Ecology 300 Area Project Management
and
300 Area Project Phone List

January 13, 1999

300 Area Project Management
Project Manager: Alex Stone



Support:

Regulatory: Alisa Huckaby	Regulatory: Elizabeth McManus
Chemistry: Jeanne Wallace	Engineering: Clint Stuart
Public Involvement: Bob Speed	Air/NOC: Jerry Hensley
Hydrology: Zelma Jackson	Budget: Michelle Anderson Moore

January 13, 1999

300 Area Project Phone List

Name:	Job Duties	Phone Nr.:	Email Address:
Anderson-Moore, Michelle	327 Building/Budget Support	736-5714	MAND461@ecy.wa.gov
Davis, Greta	325 & 305-B/WATS	736-3025	GDAV461@ecy.wa.gov
Hensley, Jerry	Air permitting/NOCs	736-3017	JHEN461@ecy.wa.gov
Huckaby, Alisa	324 Building/Reg. Support	736-3034	AHUC461@ecy.wa.gov
Jackson, Zelma	Hydrogeology Support	736-3024	ZJAC461@ecy.wa.gov
Masterson-Heggen, Tina	EPA Coordination	736-5701	TMAS461@ecy.wa.gov
McManus, Elizabeth	Regulatory Support	360/407-6524	EMCM461@ecy.wa.gov
Ruud, Laura	Inspector	736-5715	LRUS461@ecy.wa.gov
Skurla, Steve	Closure/Permit Oversight	736-3011	SSKU461@ecy.wa.gov
Speed, Bob	PI Support	736-3037	BSPE461@ecy.wa.gov
Stone, Alex	Project Manager	736-3018 542-3366 (pager)	ALST461@ecy.wa.gov
Stuart, Clint	Engineering Support	736-3010	CSTU461@ecy.wa.gov
Wallace, Jeanne	303-K/Chem. Support	736-3019	JEWA461@ecy.wa.gov
Wilson, Bob	Inspector	736-3031	BOWI461@ecy.wa.gov
Wooley, Ted	UST Closures	736-3012	TWOO461@ecy.wa.gov

Attachment 5

300 Area BWHC Facility Transition General Topics
Project Managers' Meeting
Federal Building/Room 269
Richland, Washington

January 13, 1999
9:30 a.m. to 10:30 a.m.

PATH FORWARD

January 11, 1998

PATHFORWARD

1/11/98

327 Legacy Waste Bucket Status		Cell											
		Total	A	B	C	D	E	F	G	H	I	Upper Serf	Lower Serf
Total Buckets		167	26	0	12	19	1	3	6	0	2	41	57
Ready to Load	CLD	7	1		6								
	LLD	22	21	0	1	0	0	0	0	0	0	0	0
Need Verified		62	0	0	4	0	0	0	0	0	0	21	37
Need Dose		130	0	0	1	19	1	3	6	0	2	41	57

Found 35 buckets in lower-SERF cell without inventory sheets (WIS), 2 inventory sheets did not have buckets. A complete physical inventory of the lower & upper SERF cell has been completed on 1/6/99 (this was the last area to be completed). The total scope to verify is now listed in the above table.

327 Legacy Waste Drum Status	SNF			Legacy Waste		
	Buckets	CLDrums	LLDrums	Buckets	CLDrums	LLDrums
Loaded	0	0	0	36	7	1
NDA complete	0	0	0	0	0#	1
Ready to Ship	0	0	0	0	0	0
Shipped	0	0	0	0	0	0

NDA equipment failed need to redo

Attachment 6

300 Area BWHC Facility Transition General Topics
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327 Legacy Waste Bucket Verification Plan for FY1999

327 Legacy Waste Bucket Verification Plan

for FY1999

History

The initial 327 waste bucket verification plan required the physical opening and verification that the bucket Waste Inventory Sheets (WIS) matched the actual contents of each bucket lidded prior to November 1, 1996. Waste Management Hanford personnel would perform the verification activity with the 327 Building hot cell technicians removing the contents of each bucket, verifying each item, returning the contents back to the bucket and re-lidding the bucket. In addition, a five percent sampling of each bucket lidded after November 1996 would also be verified in the same manner. This plan of action was communicated to the Department of Ecology during the monthly Project Managers Meeting (PMM) on 4/2/98 and again on 5/7/98¹

During FY1998 Legacy Waste Bucket processing to support PA 5.2.1, 127 pre Nov 1, 1996 buckets and 36 post Nov 1, 1996 buckets were verified. This represented 43 percent of the pre Nov 1, 1996 buckets (296) and 30 percent of the post Nov 1, 1996 buckets (119) lidded to date. The verification process found no discrepancies with the physical contents and the Waste Inventory Sheets (WIS). Only one item of a prohibited nature for this waste stream was found, flash light battery and light bulb. These items were not prohibited when placed in the bucket. Three other buckets have been placed on hold due to concerns of residual material left on emptied capsule tubing. Again, those items would have been identified as suspect, in need of physical verification, by a review of the Waste Inventory Sheets (WIS)

Proposed Plan Modification

The following verification actions are proposed for the approximately 150 remaining pre Nov 1, 1996 buckets:

- WMNW complete a review of each Waste Inventory Sheet for each pre Nov 1, 1996 bucket that has not been verified,
- WMNW Identify any pre Nov 1, 1996 bucket that has suspect contents or the description of contents is incomplete for designating the waste category properly,
- WMNW and BWHC personnel complete a physical verification for any buckets identified, and
- Verify additional buckets until a minimum of 20 percent of the pre Nov 1, 1996 buckets that had not under gone verification as of October 1, 1998 are verified.
- Ensure that a representative sample is obtained from each generating location (hot cells A thru H and SERF cells)

Justification

- ♦ The buckets verified to date have found no discrepancies with the physical contents and the Waste Inventory Sheets (WIS) which should allow reducing the percentage requiring verification.
- ♦ Significant savings of time, manpower and wear on equipment can be accomplished.
In order to verify approximately 20 buckets the following resources are utilized:
 - 3-4 327 Building hot cell technicians & 1 Waste Management person for a complete day to open and examine the buckets,
 - 3-4 327 Building hot cell technicians & 1 RCT for 1-2 days to transfer and move buckets to the verification location,
 - Change out and repair of a manipulator (verification is very hard on the manipulator when opening, prying and recompacting the waste back into the bucket),
 - The time and money savings can be applied to cell clean out and loading the remaining legacy waste buckets into drums for removal from the 327 building.

Modified Verification Plan Concurrence

BWHC Approval:

		Signature	Date
327 Projects Manager	D. S. Takasumi	<u>D. S. Takasumi</u>	<u>12/1/98</u>
324/327 Projects	S. H. Norton	<u>S. H. Norton</u>	<u>12/1/98</u>

WMNW Concurrence:

G. C. Triner	<u>G. C. Triner</u>	<u>12/7/98</u>
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(PES Committee Chairman)

¹ Dave Rasmussen notes and meeting minutes.

Attachment 7

300 Area BWHC Facility Transition General Topics
Project Managers' Meeting
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Richland, Washington

January 13, 1999
9:30 a.m. to 10:30 a.m.

Letter: G. H. Sanders, RL to M. A. Wilson, Ecology, and D. Sherwood, EPA,
Completion of Hanford Federal Facility Agreement and Consent Order (TPA)
Milestone M-92-04, "Complete Transfer of all 300 Area Cesium
(Cs)/Strontium(Sr) to Waste Encapsulation and Storage Facility (WESF)
and/or an Approved Storage Location" dated December 21, 1998



Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

DEC 21 1998

99-TPD-059

Mr. Michael A. Wilson, Manager
Nuclear Waste Program
State of Washington
Department of Ecology
P.O. Box 47600
Olympia, Washington 98504-7600

Mr. Douglas Sherwood
Hanford Program Manager
U.S. Environmental Protection Agency
712 Swift Boulevard, Suite 5
Richland, Washington 99352

Dear Addressees:

COMPLETION OF HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER (TPA) MILESTONE M-92-04, "COMPLETE TRANSFER OF ALL 300 AREA CESIUM (Cs)/STRONTIUM (Sr) TO WASTE ENCAPSULATION AND STORAGE FACILITY (WESF) AND/OR AN APPROVED STORAGE LOCATION"

This letter provides notification of completion of TPA milestone M-92-04, the transfer of all 300 Area Cs/Sr material to WESF. The Project Management Plan (PMP) for WESF 137Cs and 90Sr Capsule Storage (HNF-SD-WM-PMP-025) summarizes the location and quantity of Cs and Sr stored in the WESF pool cells and the 300 Area. All referenced Cs material stored in the 300 Area was transferred to WESF on September 28, 1998. The PMP did not identify any Sr material stored in the 300 Area, therefore this Cs transfer fulfilled the requirements for completion of TPA Milestone M-92-04, "Complete Transfer of all 300 Area Cs/Sr to WESF and/or approved storage location," before the TPA milestone date of December 1998.

If you have any questions or require further information, please call David T. Evans, WESF Program Manager, on (509) 373-9278.

Sincerely,

A handwritten signature in black ink, appearing to read "G. Sanders", written over a horizontal line.

George H. Sanders, Administrator
Hanford Tri-Party Agreement

TPD:DTE

cc: Please see distribution sheet attached

Distribution:

E. J. Bitten	BWHC	L1-02 *
R. C. Bowman	WMH	H6-24 *
B. L. Charboneau	RL	L1-05 *
C. E. Clark	RL	A5-15 *
M. DeLeon	FDH	N1-26 *
L. A. Dietz	BHI	H0-20
R. L. Guillen	RL	L1-03 *
A. M. Hopkins	FDH	L5-65 *
D. C. Langstaff	RL	L5-65 *
L. J. Liminski	LMH	H8-71
T. K. Masterson-Heggen	Ecology	B5-18 *
E. M. Mattlin	RL	A5-15 *
E. J. Palmos	RL	R3-78 *
J. K. Perry	FDH	H6-23 *
S. M. Price	FDH	H6-23 *
A. L. Prignano	WMH	H6-24
D. E. Rasmussen	BWHC	L1-04
J. G. Riddelle	BWHC	L1-02 *
S. J. Skurla	Ecology	B5-18 *
A. B. Stone	Ecology	B5-18
D. W. Templeton	RL	L5-65
J. J. Wallace	Ecology	B5-18
M. S. Wright	BWHC	L1-02 *

ADMINISTRATIVE RECORD (two copies): 300 Area BWHC General Topics
Project Managers' Meeting, (S-3-4) [Care of EDMC (H6-08)]

Washington State Department of Ecology Nuclear and Mixed Waste Hanford
Files, PO Box 47600, Olympia, Washington 98504-7600

Please send comments on distribution list to A. L. Prignano (H6-24),
(509)-376-1057.

* electronic copy only