

## Meeting Minutes Transmittal

300 Area BWHC Facility Transition General Topics  
 Project Managers' Meeting  
 Federal Building/Room 590-A  
 Richland, Washington

October 8, 1998  
 2:00 p.m. to 2:45 p.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: 12/16/98  
 David W. Templeton, Project Manager, RL

A. B. Stone Date: 1/7/99  
 A. B. Stone, Project Manager, Washington State Department of Ecology

O. A. Farabee Date: 11/5/98  
 O. A. Farabee, RL, FFTF Standby Project Office

300 Area BWHC Facility Transition General Topics PMM, BWHC Concurrence

David E. Rasmussen Date: 1/4/99  
 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 - 324/327 Facilities RPS/RLWS System Information Status



Attachment 1

300 Area BWHC Facility Transition General Topics  
Project Managers' Meeting  
Federal Building/Room 590-A  
Richland, Washington

October 8, 1998  
2:00 p.m. to 2:45 p.m.  
Agenda

1. Introduction(s)
  - a. Meeting participants
  - b. Ecology reorganization/interfaces/clarification
2. Previous Meeting Minutes
3. 303-K status
4. 3718F status
5. 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
6. Other topics/discussions
  - a. 327 TRU Special-Case Waste (SCW) one-gallon containers status
  - b. 324 waste container, 30-day extension to 90-day clock, container status
  - c. Cesium chloride status, TPA M-92-04 (Complete transfer of all 300 Area Cs/Sr to WESF and /or approved storage location, December 1998)
  - d. RCRA/CERCLA integration activities status, recent WIDS database review
  - e. 324/327/340 Facility RLWS isolation activities status
  - f. 327 RLWS leak detector repair status
  - g. Waste designation white paper status
  - h. Other topics
7. Schedule next meeting

Attachment 2

300 Area BWHC Facility Transition General Topics  
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October 8, 1998  
2:00 p.m. to 2:45 p.m.

1. Introductions

Alex Stone was introduced as the new Ecology 300 Area project manager, and he handed out a draft organization chart for the Kennewick Ecology office.

2. Previous Meeting Minutes Approval

The September 3, 1998 Project Manager (PMM) minutes were approved.

3. 303-K Status

J. Adler (WMH) stated that 303-K maintains a separate set of meeting minutes for the administrative record. A tour was scheduled for A. Stone to visit the 303-K facility on October 21, 1998.

There was discussion regarding the proposal to reduce the 303-K PMMs to twice a year, unless there was an issue to discuss such as a flooding event or funding becoming available to demolish the building. The intent is for the PMMs to coincide with the proposed twice a year building inspections. It was agreed to make a decision after the tour on October 21, 1998.

J. Bartz (Ecology) noted that there have been no comments regarding the 303-K draft permit condition, and the condition is considered to be acceptable.

4. 3718F Status

E. Mattlin (DOE-RL) reported that DOE-RL received Ecology's letter approving the 3718F closure certification, and the Part A has been stamped "closed" across the front page. This will be the final status of 3718F.

5. Action Item Review

a. Silver List issues closeout status, 324/327

11.8 324 Building, Na-contaminated shielded glovebox (SCW). A revised closeout form was provided to Ecology. This action item is open.

16.3.8 324 Building, tanks secondary containment and leak detection. A revised closeout form was provided to Ecology. This action item is open.

16.3.11 327 Building, RLWS secondary containment and leak detection. A revised closeout form was provided to Ecology. This action item is open.

A. Stone stated that J. Wallace (Ecology) will continue to follow up on the resolution of the open Silver list items.

6. Other Topics/Discussions

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

D. Templeton initiated a discussion regarding the 100 percent verification of the legacy waste buckets generated by Pacific Northwest National Laboratory (PNNL) that BWHC inherited. Due to inadequate characterization of the waste by PNNL, DOE-RL and contractors made the decision to perform the 100 percent verification. Approximately 100 of the 236 waste buckets were PNNL's, and only one bucket contained an inappropriate article (flashlight). The flashlight was removed and disposed of separately. D. Templeton stated that although the 100 percent verification was self-imposed, DOE-RL and the contractors will be making a request to Ecology to lower the frequency of verification in the future.

D. Rasmussen (BWHC) reported that an FY 1998 performance objective was to ship out 200 of the TRU SCW one-gallon containers, and that 236 containers were shipped out by September 30, 1998, meeting the performance objective. The 236 containers were shipped out in 48 drums. The FY 1999 performance objective is to ship out 20 drums of TRU SCW one-gallon containers by September 30, 1999.

D. Templeton (DOE-RL) noted that the current No. 1 priority is making fuel shipments to K Basin, and it has not been determined when the packaging and shipping of the TRU SCW containers will resume.

b. 324 waste container, 30-day extension to 90-day clock, status

D. Rasmussen reported that the legacy container that BWHC inherited from PNNL was shipped on day 29 of the 30-day clock extension. The legacy container was in its final stages of preparation for shipment to T-Plant when it was discovered that it contained mixed waste instead of low-level waste. BWHC critiqued their 90-day clock shipping process in an effort to avoid this type of situation in the future.

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

D. Rasmussen stated that a completion package is being prepared for review and approval by FDH, DOE-RL and Ecology. The document will be submitted to Ecology by the end of October 1998.

d. RCRA/CERCLA integration activities status, recent WIDS data base review

D. Rasmussen stated that information from various closure plans regarding activities deferred to CERCLA was recently provided to Ecology. A review of the WIDS data base for the various waste sites is ongoing. D. Rasmussen stated that D. Einan (EPA) will be conducting walk-downs through the waste sites beginning October 1998. A. Stone indicated that he would discuss the issue with D. Einan.

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

D. Rasmussen distributed a handout regarding the 324/327 Facilities Retention Process Sewer (RPS)/Radioactive Liquid Waste Sewer (RLWS) system information status (Attachment 4). Regarding any potential diverted RPS effluent remaining at the facility, A. Stone asked if the facilities have the capability to handle the diversions. D. Rasmussen responded that the facilities did have the capability; in some cases the effluent would go to sumps or tanks or flood the floor (see discussion below).

D. Rasmussen reported that during discussions in meetings regarding the diversion to 307, it was discovered that some of the accident scenarios would not be covered under the 307 safety basis. The current decision was made to keep any diversions at the facility, which creates the potential for backing up into the floor drains. Modification alternatives are under review, and the most likely alternative is to install a retention tank in the facility. A. Stone inquired about a time line for a recommendation or decision. D. Templeton indicated that RL would provide a date at which it will know what it intends to do to achieve a final configuration. The implementation of that configuration is undetermined at this time.

D. Rasmussen noted that the 324 and 327 facilities have been planning for radioactive liquid waste handling for future deactivation activities. A Notice of Construction (NOC) will be prepared for the liquid waste handling system. However, the issue of potential diverted effluent remaining at the facility would not be part of the NOC.

f. 327 RLWS leak detector repair status

D. Rasmussen provided a brief background on the leak that occurred in the 327 Facility. The RLWS sump in the basement of the 327 Facility has a stainless steel liner. A leak detector is located between the liner and the concrete wall. An eye wash station pipe failure in January 1998 resulted in a leak of clean water between the liner and the wall. A job package has been prepared to repair the pipe, and the package should be approved next week.

g. Waste designation white paper status

D. Rasmussen explained that the waste designation document is a follow-up to two items: 1) an Ecology inspection resulting in a request to clarify the waste designation process in 324; 2) comments on a special case waste assessment for 324.

D. Rasmussen indicated that the waste designation document is in its final stages of preparation and is expected to be transmitted to Ecology in the near future (possibly in October) for approval and closeout of the issue. J. Wallace will continue tracking the issue for closeout.

h. Other topics

D. Rasmussen reported on the status of the fuel fragments that the 327 Facility has been temporarily storing for N Basin since March 1998. The first shipment of the fuel fragments was sent back to N Basins in September 1998. D. Templeton added that all of the remaining spent nuclear fuel at the 327 Facility is being shipped back to N Basins because 327 has no future involvement in the

spent nuclear fuel program. The intent is to have all of the spent nuclear fuel out of 327 by the end of January 1999.

7. Schedule Next Meeting

The next meeting was scheduled for November 5, 1998, at the Federal Building, Richland, Washington.



Attachment 4

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Richland, Washington

October 8, 1998  
2:00 p.m. to 2:45 p.m.

324/327 Facilities RPS/RLWS System Information Status

## 324/327 FACILITIES RPS/RLWS SYSTEM INFORMATION STATUS

### RPS (Retention Process Sewer)

- \* Flows to 307 Retention Basins
- \* Non-radioactive, non-hazardous effluent
- \* Equipment/Laboratory water, floor drains
- \* Potential for radioactivity
- \* Automatic diversion to RLWS line if on-line monitors detect radioactivity

### RPS Current Status at 324/327 Facilities

- \* Functioning normally, monitors on-line
- \* Potential automatic diversion would not go to 340 Facility
- \* RLWS isolation valve to 340 Facility is closed
- \* Potential diverted RPS effluent would remain at facility

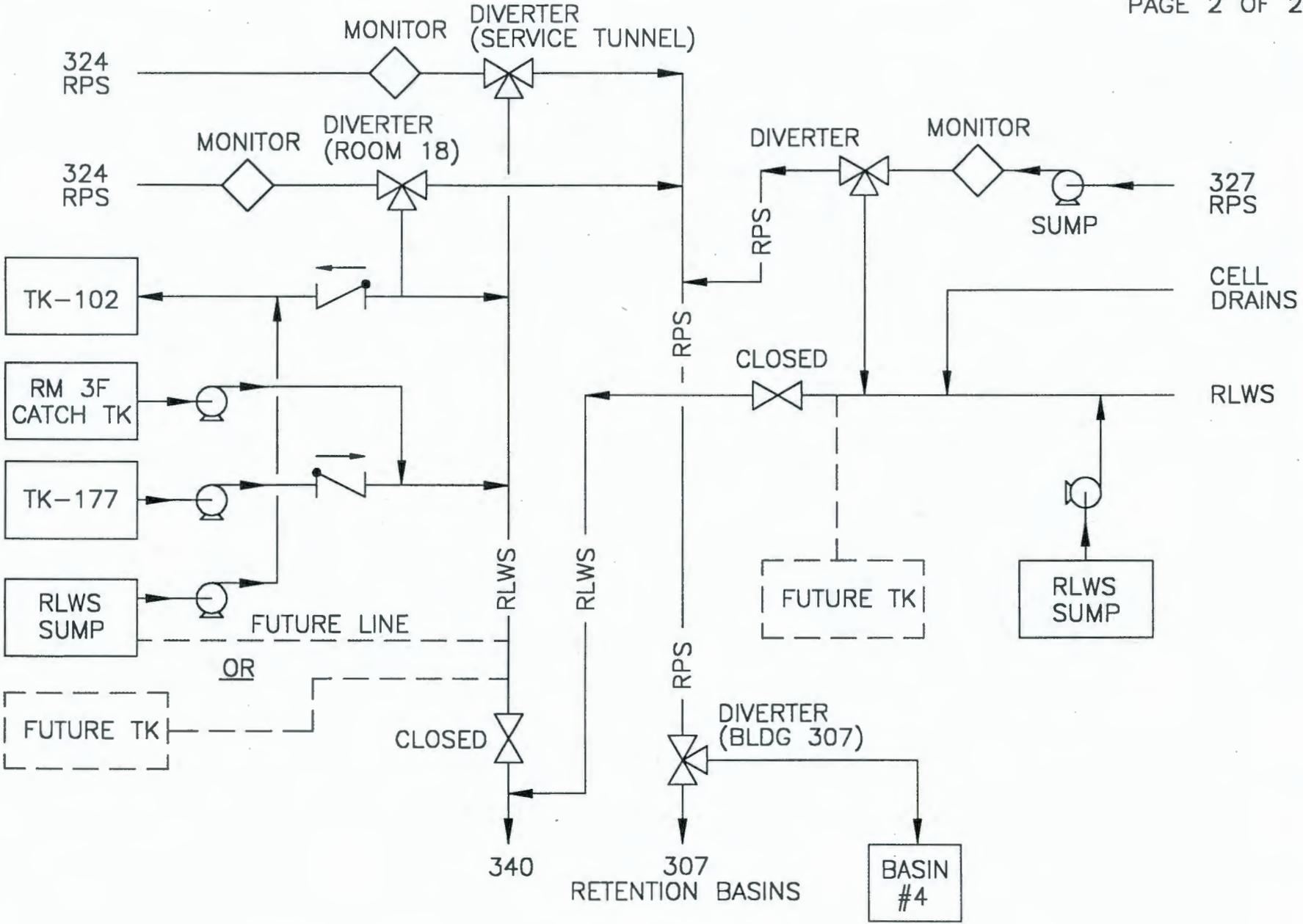
### RLWS (Radioactive Liquid Waste System)

- \* Radioactive liquid effluents, potential for hazardous constituents
- \* Drains from radioactive hoods, cells, or tanks
- \* Setup in past to receive potential automatic diversion of RPS
- \* Routed to the 340 Facility in the past

### RLWS Current Status at 324/327 Facilities

- \* Isolation valve closed as part of 340 Facility shutdown
- \* Potential automatic diversion of RPS effluent to RLWS would not go to 340 Facility
- \* Potential diverted effluent in accident scenarios could cause localized facility flooding
- \* Potential effluent would remain at facility instead of going to 340 Facility
- \* Accident scenarios are within facility safety basis authorization
- \* Modification alternatives under review
- \* Most likely alternative is to install retention tank in facility
- \* Tank size to match probable scenario of potential flooding due to failure of fire sprinkler head

~~320~~ 6e  
10/8/98



BLDG 324/327 RPS/RLWS FLOW DIAGRAM

300 6e  
10/8/98

Distribution:

J. K. Bartz	Ecology	B5-18 *
E. J. Bitten	BWHC	L1-02 *
R. C. Bowman	WMH	H6-24 *
D. H. Chapin	RL	R3-79 *
C. E. Clark	RL	A5-15 *
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D. E. Rasmussen	BWHC	L1-04
J. G. Riddelle	BWHC	L1-02 *
A. B. Stone	Ecology	B5-18
D. W. Templeton	RL	L5-65
J. J. Wallace	Ecology	B5-18
T. A. Wooley	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)]

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