

## Meeting Minutes Transmittal

300 Area FH Facility Transition General Topics  
 Project Managers' Meeting  
 Federal Building/Room 554  
 Richland, Washington

March 2, 2000  
 1:30 p.m. to 2:30 p.m.

**RECEIVED**  
 MAY 24 2000

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**EDMC**

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: 5/5/00  
 David W. Templeton, Project Manager, RL

Alex Stone Date: 5/18/00  
 A. B. Stone, Project Manager, Washington State Department of Ecology

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300 Area FH Facility Transition General Topics PMM, FH Concurrence

David E Rasmussen Date: 5/18/00  
 D. E. Rasmussen, Contractor Representative, FH

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**Purpose: Discuss FH 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 - Professional Engineer Certification Statement for Phase 3 of the 300 Area WATS
- Attachment 5 -- Legacy Buckets Handout

## Attachment 1

### 300 Area FH Facility Transition General Topics Project Managers' Meeting Federal Building, Room 554 Richland, Washington

March 2, 2000  
1:30 – 2:30 p.m.

#### AGENDA

1. Introduction
2. Previous meeting minutes
3. 300 Area WATS status
4. Unirradiated uranium disposition -- status/plans
5. 340 Facility - status of planned activities to reduce tank heels
6. 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/RLWS
  - 16.3.11 327 Building, RLWS secondary containment and leak detection
7. Other topics/discussion
  - a. 327 TRU Special Case Waste (SCW) one-gallon containers status
  - b. WIDS sites
    - WIDS sub-sites for 324/327 (RL letter 99-EAP-505)
    - WIDS RCRA/CERCLA integration
  - c. 327 basement legacy container status
  - d. Other topics
    - SCW Project Management Plan status
6. Schedule next meeting

## Attachment 2

### 300 Area FH Facility Transition General Topics Project Managers' Meeting Federal Building, Room 554 Richland, Washington

March 2, 2000  
1:30 p.m. - 2:30 a.m.

#### 1. Introduction

Introductions were made. A. Stone (Ecology) announced that Ecology reorganized, and the 300 Area has been divided into five projects that are in alignment with DOE-RL. A. Stone indicated that as a result of the reorganization, there will no longer be a 300 Area project management meeting (PMM). D. Templeton (DOE-RL) asked about continuing the 324/327 PMM. A brief discussion was held regarding future PMMs, and DOE-RL agreed to take an action to consider continuing the 324/327 PMM. It was agreed to hold the PMM already scheduled for May 2000. A. Stone indicated that D. McBride did not need to address 310 facility activities in this PMM. A. Stone noted that he is now transition project manager, which includes 324/327 and PFP.

#### 2 Previous Meeting Minutes

The January 6, 2000, 300 Area PMM FH minutes were approved.

#### 3. 300 Area WATS status

S. Luke (FH) provided a status of the 300 Area Waste Acid Treatment System (WATS). During the last WATS PMM, it was agreed to discontinue holding any more PMMs because physical closure activities have been completed under the closure plan. The status of administrative activities necessary to finalize closure are to be provided during the 300 Area PMM. Those activities include conveyance of the Professional Engineer (PE) certifications, modifications to the Part A permit, and the final certification of closure. S. Luke provided a copy of the Phase 3 PE certification for the recently completed activities (Attachment 4).

S. Luke noted that WATS had requested reduced inspections of the Phase 3 closure areas. A. Stone acknowledged Ecology received the request, and he indicated Ecology has no issue with reduced inspections. Mr. Stone stated that Ecology's written reply would be forthcoming.

#### 4. Unirradiated uranium disposition -- status/plans

J. Perry (FH) noted that Ecology had previously requested that this topic be added to the 3/2/00 PMM agenda. A. Stone stated that he brought the issue to his management and had not received a response. Ecology is holding an internal meeting on March 13, 2000, and the issue will be discussed. A. Stone noted that the meeting minutes from a previous meeting with DOE-RL and the contractors did not express Ecology's concern regarding the amount of unirradiated uranium planned for burial on site and that the public has not been adequately informed. Ecology has recommended informing the Hanford Advisory Board (HAB). A. Stone referred to the current Environmental Assessment (EA), which assumes around 10 percent of the uranium would be buried on site, but that DOE-RL indicated at the last meeting that possibly 50 percent would be buried on site. A. Stone asked if burying the uranium in an unlined trench is still being considered.

DOE took an action to determine what public involvement, if any, is needed regarding the burial of unirradiated uranium on site. A. Stone stated his intent to track the amount of unirradiated uranium to be considered for burial.

5. 340 Facility - status of planned activities to reduce tank heels

D. McBride (FH) reported that removal of the residual heels in the two vault tanks at 340 is being pursued this fiscal year and the project is on track (assuming sufficient funding). The facility is attempting to fund the removal through cost savings and efficiencies internal to the 310/340 facilities project. The 340 Facility has had discussions with EPA regarding Toxic Substances Control Act (TSCA) regulation applicability to the heels. A letter supporting the position that TSCA is not applicable is being formalized for submittal to EPA. Radioactive and non-radioactive air permitting requirements will be addressed.

Removed heels will be considered newly generated waste.

A. Stone inquired about the final disposition point. D. McBride indicated there are several paths being considered for final disposition, such as: 1) pumping the waste into a special truck and transferring it to tank farms; 2) filtering the material, putting it through ion exchange treatment, and disposing of the solids and liquids separately. Liquids might be dispositioned at the Effluent Treatment Facility as an alternative to transferring the waste to tank farms. A. Stone inquired about written plans or evaluations for the activities. D. McBride responded that there is a schedule, and that the original Project Management Plan (PMP) has not been modified. A. Stone noted that the original PMP does not include filtering the solid waste. D. McBride pointed out that the original PMP discussed alternatives such as drying the material in-situ and removing it as a solid and transferring it to solid waste, which is similar to filtering the waste. [NOTE: Since the 3/2/00 PMM, the facility has learned that reduction of the 340 tanks residual heels cannot be accomplished during FY 2000 based on funding/prioritization.]

6. 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

A. Stone stated that closure of the remaining Silver list issues is on hold because there is no Ecology representative currently assigned to this activity.

## 7. Other topics/discussion

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

D. Rasmussen (FH) distributed a handout on the path forward 327 deactivation project, 2/28/00 (Attachment 5). S. Norton (FH) provided an explanation of current activities in 327. Of the 108 buckets in the hot cells, 32 have been packaged and placed in drums and are ready for shipment. In the process of cleaning the hot cells, new waste buckets are being generated. Eighteen buckets are filled or are being used in the hot cells with the newly generated waste, and seven buckets have been loaded up into drums. The dry storage carousel contains 294 containers, and about one-third of the cans have been retrieved and dumped into one-gallon buckets. Currently there are five buckets being filled in the cell. There are four buckets in the cells being loaded with fissile material, and five buckets with fissile material have been loaded into drums.

S. Norton reported that the existing approval document allows for shipping one lead-lined drum at a time; however, a new SARP has been submitted to DOE-RL to allow shipment of four to eight lead-lined drums at a time. There are four concrete-lined drums ready for shipment, which is the maximum allowed, and they will be shipped in the near future.

### b. WIDS Sites

- WIDS sub-sites for 324/327 (RL letter 99-EAP-505)
- RCRA/CERCLA integration activities

A. Stone stated that WIDS sites is on hold, since A. Huckaby is no longer assigned to this activity.

### c. 327 basement legacy container status

D. Rasmussen provided an update on the 327 basement legacy containers. An integrated schedule has been developed for dispositioning the legacy containers, TPA containers, dry storage containers and the hot cell bucket containers. There are five waste containers and one radium-226 source container remaining. The schedule shows the fifth waste container being shipped out by September 2000.

D. Templeton noted that there is no direct funding for this activity, and there is always the possibility that funding would not be available to meet the schedule.

d. Other topics

- SCW Project Management Plan status

D. Templeton stated that the special case waste PMP is anticipated for release this month (March 2000). The PMP is associated with TPA milestone M-92-13, and the TPA goal is September 2000. A. Stone noted that Ecology does not currently have someone assigned to review the PMP.

8. Schedule next meeting

The next meeting was scheduled for 1:30 on May 4, 2000, at the Federal Building in Richland, WA.

Attachment 3

300 Area FH Facility Transition General Topics  
Project Managers' Meeting  
Federal Building/Room 554  
Richland, Washington

March 2, 2000  
1:30 p.m. to 2:30 p.m.

Attendance List

Meeting Title: 300 Area FH Facility Transition General Topics Project  
Managers Meeting (PMM)

Date: March 2, 2000

*Original included in hard copy.*

Name	Company	Phone Number
Jon Perry	FH-RCP	376-4791
Rob Piippo	FH TPA	373-3285
Ellen Dagan	DOE-ORL	376-3811
Alex Teimouri	DOE-OSS	376-6222
Dave Templeton	DOE-RL FTD	373-2966
RL Guillen	DOE-RL FTD	376-0254
David E. Rasmussen	FH-RCP 300 Area/324/327/FSS	376-3288
Steve Norton	FH-RCP 327 Project	376-9717
Carl Grando	FH-RCP 310/340	372-0093
Deborah Iwatate	FH-TPAI	376-8856
Scott Luke	FH-ES	372-1667
John A. Remaize	FH-RCP	372-1462
Bob Stordeur	FH-RCP	372-3452
Alex Stone	Ecology	736-3018
Greta Davis	Ecology	736-3025
D. J. McBride	FH-RCP 310/340	373-5698
Greg Sinton	RL-WMD	373-7939
Darrell Riffe	FH-RCP	376-0149

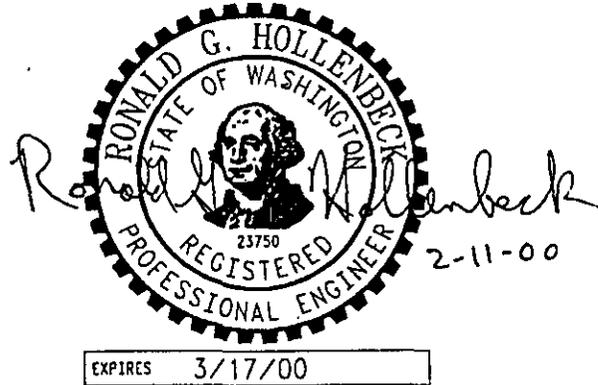
**Attachment 4**

**Professional Engineer Certification Statement for Phase 3 of the 300 Area WATS**

**Hard Copy to be inserted**

**PROFESSIONAL ENGINEER'S CERTIFICATION STATEMENT  
PHASE 3 OF THE 300 AREA WASTE ACID TREATMENT SYSTEM**

I, the undersigned, an independent registered Professional Engineer, hereby certify that, to the best of my knowledge, all Phase 3 closure activities for the 300 Area Waste Acid Treatment system were performed in accordance with the Ecology approved closure documents except as discussed in the attached Specifications and Limitations of Professional Engineer's Certification.



Ronald G. Hollenbeck, P.E.  
Washington #23750  
Fluor Federal Services

**SPECIFICATIONS AND LIMITATIONS OF  
PROFESSIONAL ENGINEER'S CERTIFICATION  
FOR PHASE 3 CLOSURE OF THE 300 AREA  
WASTE ACID TREATMENT SYSTEM**

Closure for Phase 3 of the 300 Area Waste Acid Treatment System (WATS) was authorized by the Washington State Department of Ecology (Ecology) in a letter dated December 9, 1999 entitled "300 Area Waste Acid Treatment Closure Phase 3 of 3". The closure was performed in accordance with the Ecology approved "Decontamination and Inspection Plan (DIP) for Phase 3 Closure of the 300 Area Waste Acid Treatment System" (HNF-2814), February 1999.

This certification is in accordance with WAC 173-303-610(6) and independently certifies that the closure activities were performed in accordance with the approved closure documents. This review does not certify that the closure documents meet the regulatory requirements. Periodic site visits, phone conversations and document reviews were conducted to observe and document the closure activities. Each inspection activity was recorded in the facility logbook maintained at the 333 Building and documented on Field Trip Report forms filled out by the certifying engineer or his designee.

Phase 3 closure strategy was to remove potentially contaminated piping, dangerous waste and dangerous waste residues to clean closure conditions for the WATS portions of the 334 Tank Farm, 311 Tank Farm, 333 building and 303-F building. WATS piping was removed from the pipe trenches between and within the facilities. The clean closure performance standard of a 'clean debris surface' was used to close unit structures and components remaining after closure.

All closure activities were in accordance with the closure documents except for the following deviation. The drain valve from the Tank 40 secondary confinement berm was disassembled, cleaned, inspected, and reinstalled instead of being removed and replaced with a new valve as originally called for. Paragraph 3.6.3 of the DIP states that "The original drain valve was reused when piping was replaced in 1996 and will be removed and replaced with a new valve at closure." When attempting to remove the valve it was found that there was insufficient clearance between the valve and the bottom of the trench and it could not be unscrewed. The valve bonnet was removed, inspected, cleaned and will be reinstalled. A November 4, 1999 meeting proposed modifications to the DIP to incorporate this deviation. Ecology gave approval on December 12, 1999.

# **FIELD**

# **LOGS**

For Phase 3 Closure of the 300 Area  
Waste Acid Treatment System

Contract 916, Release 37 (FY 1999)  
Contract 5205, Release 20 (FY 2000)

Prepared by  
R. G. Hollenbeck, P.E.  
Fluor Daniel Northwest, Inc.

August 1999 through September 1999  
(Seven Field Trip Reports)

**FIELD TRIP REPORT**

No.	Project Title <b>Waste Acid Treatment System Phase III Closure</b>	
Date <b>8-2-99</b>	Time Departed FDNW/ <b>8:15</b>	Time Returned FDNW <b>9:45</b>
Prepared By <b>RG Hollenbeck</b>	Department <b>Environmental</b>	
Areas Visited <b>300</b>	Person(s) Contacted <b>Jim Rich</b>	

Purpose of Trip  
Observe work progress on phase III Closure activities.

**Field Report Summary**  
**334 Tank Farm:** The structural steel tank support for the tank closest to bldg 334 has been hand scrubbed to remove loose scale & debris. The limit of the scrubbed area was visually identifiable, a slight change in color of the painted steel. Only a small amount of rusty ~~debris~~ debris was visible in corner pockets of the framing. The cleaned areas included all the structural steel under and around the tank, the columns from the base plate up to a foot or so above the tank support, the grating around the tank and the adjacent exterior wall of Bldg 334. The concrete slab on grade

Pictures Taken  
 had not been scrubbed. Much of the concrete had a rusty look probably from drips from the overhead structural supports.

**Pipe Trenches:** The trenches leading between the various buildings and tanks had been partially cleaned ~~to~~ in preparation for cover removal. All covers were still in place.

**Bldg 333:** A few of the trench covers near the tanks had been removed. Piping was still in place.

Follow-up Requested  
**311 Tank Farm:** Insulation had been removed from the horizontal tank. The insulation and heater adhesives covered nearly all the tank and gave it a dirty brown appearance. A portion of the tank was wrapped in plastic. The vertical tank appeared to be painted steel with no insulation.

Distribution  
**303F Bldg:** We did not enter 303F.

 8-2-99

## FIELD TRIP REPORT

<b>No.</b>	<b>Project Title</b> Waste Acid Treatment System Phase III Closure	
<b>Date</b> 9-7-99	<b>Time Departed FDNW</b> 12:35	<b>Time Returned FDNW</b> 2:15
<b>Prepared By</b> R G Hollenbeck	<b>Department</b> Environmental	
<b>Areas Visited</b> 300	<b>Person(s) Contacted</b> Jim Rich	
<b>Purpose of Trip</b> Observe work progress on Phase III closure		
<p>Pipe trench on west side of 333 was open. Cover blocks were resting on a plasticizer. All piping and supports had been removed from the trench. The WATS pipes had been capped off at the building and at the other end of the trench. The trench bottom had been swept, some dust/dirt was visible on the trench floor. The area had been roped off as a CA but no contamination was found so the barricade was being moved. Trench covers at the railroad had also been removed. There was a lot of dirt collected in the RR crossing. The lowest part of the trench was still muddy. The pipes were submerged in the mud. The horizontal tank at the 311 tank farm was partially wrapped in plastic. A scaffold had been constructed above the tank. WATS piping, pipe supports and a stair structure had been removed. The containment basin had a clean appearance. <del>2</del> No liquids were noticed in the containment. Trench covers by 334 bldg had been removed, the area was roped off as a CA. The WATS Piping had been removed but the non WATS pipes and the pipe supports remained. The pipes at the 333 building had been <del>capped</del> <sup>plugged</sup>. There was a lot of dust and dirt in the bottom of the trench. The concrete under the 334 tank farm had been scrubbed. The rusty color on the concrete remained. The lateral trenches inside the 333 building were open and the piping was removed. The east st trench running across the building <del>is</del> still had piping present.</p>		
<b>Field Report Summary</b>		
<b>Pictures Taken</b>		
<b>Follow-up Requested</b>		
<b>Distribution</b>  9-1-99		

### FIELD TRIP REPORT

Project No. N/A	Project Title Waste Acid Treatment System Phase III Closure	
Date 9/10/99	Time Departed FDNW 12:35	Time Returned FDNW 2:15
Prepared By L. A. Gaddis	Department 438, Civil/Strl./Envior.	
Areas Visited 300	Person(s) Contacted Jim Rich	
Purpose of Trip Observe Work Progress on Phase III Closure		
Field Report Summary		No. Pictures Taken 0
<p>Observed pipe trench from SW corner of 333 building to the vicinity of the 303G building. Total length approximately 280 ft. The majority of the trench had the cover blocks removed the pipe and pipe supports removed (including the waste acid pipe, two trench-heating pipes and a PVC pipe), and dirt and debris cleaned from the trench. The limits of the open trench were an E/W section from cover block 22 to 35 (approximately 50') at the SW corner of the 333 bldg. and a N/S run (approximately 160') from block 48 to approximately block 88. The blocks between 35 and 47 were still in place and in-place piping extended approximate 5 to 10 ft. beyond the limits of the cover blocks, approximately 50-ft. These block were still in place for detoured vehicle traffic around the area of blocks 22 to 35. All existing piping ends were capped with temporary stoppers.</p> <p>The trench running westerly adjacent to the 303G building has the cover block removed but the piping, dirt, and other debris has not been removed. The mud, in the area of the RR crossing appears to have dried. No liquid was noted in any the trench area observed.</p> <p>DOE representative R. L. (Leo) Guillen was also present during the site inspection.</p>		
Followup Requested Contractor plans to re-set concrete cover blocks 22-34 and 50-85 starting Tuesday.		
Distribution <div style="text-align: right;"><i>LAG</i> 9/10/99</div>		

## FIELD TRIP REPORT

St No. <p style="text-align: center; font-size: 1.5em;">N/A</p>	Project Title <p style="font-size: 1.2em;">Waste Acid Treatment System Phase III closure</p>	
Date <p style="font-size: 1.5em;">9/15/99</p>	Time Departed FDNW <p style="font-size: 1.5em;">1:25</p>	Time Returned FDNW <p style="font-size: 1.5em;">3:05</p>
Prepared By <p style="font-size: 1.2em;">George J. Zym</p>	Department <p style="font-size: 1.2em;">438, Civil/strl/Environ.</p>	
Areas Visited <p style="font-size: 1.5em;">300</p>	Person(s) Contacted <p style="font-size: 1.2em;">Juni Rich</p>	
Purpose of Trip <p style="font-size: 1.2em;">Observe work progress on Phase III closure.</p>		
Field Report Summary <p style="font-size: 1.1em;">The inspecting trench was the last part of piping not removed in the time of two previous inspections. The last portion of the trench started at the work trench corner located close to 3720-BA bldg, and running 72 ft. south direction, (From trench cover block # 35 to cover block # 50). The cover blocks were resting on plastic liner by the trench line. The area had been roped off as CA. All piping (waste acid pipe, two hydrochloric pipes and a PVC pipe) and pipe supports was removed. Dirt and debris was cleaned from the trench. No liquid was noted in the trench area observed.</p>		
Pictures Taken <p style="font-size: 1.5em; text-align: center;">N/A</p>		
Follow-up Requested 		
Distribution <p style="text-align: right; font-size: 1.5em;">GJZ 9/15/99</p>		

## FIELD TRIP REPORT

Project No. N/A	Project Title Waste Acid Treatment System Phase III Closure	
Date 9/23/99	Time Departed FDNW 7:15	Time Returned FDNW 12:10
Prepared By R. G. Hollenbeck	Department 438 Civil/Structural/Environmental	
Areas Visited 300	Person(s) Contacted Jim Rich, Scott Luke	
Purpose of Trip Observe work progress on Phase III Closure		
Field Report Summary	No. Pictures Taken	0
<p>Observed the condition of Tank 40 interior. The interior surface was viewed through two openings on top of the tank. A spotlight and mirror were used for illumination. We did not enter or reach inside the tank. A narrow white "bathtub ring" was visible around the perimeter at 2/3 to 3/4 of the tank height. Some black stains were visible in a few locations. Each of these was a few square inches in area. A few yellow stains were observed, these were also a few square inches in area. The remaining surface had a brownish to dull red color. None of the stains had a visible film thickness. There was no debris such as sludge or loose scale in the tank. No residues were visible in pits, cracks or crevasses such as around the welds. Sludge had been removed by pressure washing and scrubbing with rotary brass brushes and other equipment. The white stains appear to be deposits from hard water staining. The black stains appear to be from oxidation of the stainless steel or from past uranium contamination. Based on process knowledge of the waste constituents managed in the tank, supplemented by laboratory analysis of the waste residue, the residues removed from the tank were designated as a Washington State Dangerous Criteria Waste due to the presence of copper (cupric sulfate and cupric nitrate). Cupric nitrate has a pale blue color and cupric sulfate has a gray to green color. None of the stains observed were of these colors. It is my position that the staining that remains is not from the hazardous constituents. The brownish staining that covers the majority of the surface is not greater than that expected by normal surface oxidation of a stainless steel vessel containing liquids. In my opinion the surface meets the criteria for a "clean debris surface".</p> <p>The pipe trench from the railroad crossing to 303-F was inspected. The cover blocks were removed and all the piping had been removed. The trench had been swept. The area was roped off as a CA. Some of the pipe supports remained. The trench was dry except for some water at the low end near 303-F.</p> <p style="text-align: right;"><i>R. G. Hollenbeck</i> 9/29/99</p>		
Follow-up Requested		
Distribution		

### FIELD TRIP REPORT

Project No. N/A	Project Title Waste Acid Treatment System Phase III Closure	
Date 9/27/99	Time Departed FDNW 0700	Time Returned FDNW 0900
Prepared By L. A. Gaddis	Department 438, Civil/Strl./Envior.	
Areas Visited 300	Person(s) Contacted Jim Rich	
Purpose of Trip Observe Work Progress on Phase III Closure		
Field Report Summary		No. Pictures Taken 0
<p>Observed WATS pipe trench within 303F building and between 303F and 313 buildings, total length approximately 70 ft. The trench between the 303F and 313 buildings had the cover blocks removed the WATS pipe removed. Piping remaining in the trench included a 2" water line, 1-1/2" Nitric Acid line, NaOH piping (within and insulated jacket), 2" conduit (for leak detection and trench monitoring), and 2 1/2" conduits. Most of the dirt and debris had been cleaned from the trench but over the weekend some debris had blown back into the trench.</p> <p>The pipe trench within the 303F building had the WATS piping remove and the grating had been replaced. Through the grating I verified that the WATS piping had been removed except for a 2' section that is embedded in the East concrete foundation wall of the building. Other remaining piping within the buildings' pipe trench included a 2" and 1" Nitric Acid pipes and two small conduits.</p> <div style="text-align: right; margin-top: 20px;">             9/27/99         </div>		
Followup Requested Contractor plans to have remaining work completed and ready for final inspection Wednesday or Thursday of this week.		
Distribution		

## FIELD TRIP REPORT

<b>Project No.</b> NA	<b>Project Title</b> Waste Acid Treatment System Phase 3 Closure	
<b>Date</b> September 30, 1999	<b>Time Departed FDNW</b> 9:35	<b>Time Returned FDNW</b> 1:40
<b>Prepared By</b> Ron Hollenbeck	<b>Department</b> 438 Civil/Structural/Environmental	
<b>Areas Visited</b> 300	<b>Person(s) Contacted</b> Jim Rich, Scott Luke	
<b>Purpose of Trip</b> Final inspection of Phase 3 closure activities		
<b>Field Report Summary</b>	<b>No. Pictures Taken</b> 0	
<p><b>Tank 40</b> The stainless steel outer jacket and insulation had been removed. The areas around and below the access ports and penetrations had been cleaned, some areas showed a bright metal finish. There was no evidence of contamination from waste. The secondary confinement structure looked very clean. There was no debris remaining inside the structure. The drain line exiting at the low point was clean. The valve at the end of the drain line had been partially disassembled. The internal parts were visible and appeared clean.</p> <p><b>Tank 50</b> The exterior was clean and colors from at least 3 different layers of paint were visible. Stroke marks from the cleaning action were visible. The inside of the tank was clean. No visible scale or debris was seen. The walls were oxidized to various colors including various shades of white, red, brown and black. None of the colored areas had a visible thickness. The interior top dome of the tank was a little lighter in color but still had discolorations. It is my opinion that the colors were the result of normal surface oxidation to be expected in a vessel containing liquids. I believe the tank surfaces meet the definition of "clean debris surface". The secondary confinement structure appearance was identical to that of Tank 40. The drain through the floor appeared clean and the valve had been removed.</p> <p>The last remaining section pipe embedded in the wall of 303-F building had been completely removed.</p> <p>The last remaining section of pipe in the trench at 313 building had been completely removed.</p> <p><b>333 Building</b> All WATS piping has been removed. Trench covers were temporarily removed where directed and the trenches were visually inspected. The WATS drain piping has been disconnected and removed from the tanks.</p>		
<b>Followup Requested</b>		
<b>Distribution</b>		

**PATHFORWARD  
327 DEACTIVATION PROJECT  
02/28/00**

**Waste Buckets**

- Completed loading of 2 CLDs and 1 LLD. Second lead drum is in process at A-Cell with 3 buckets.

Buckets in Hot Cells		Buckets in Drums	Buckets Shipped
Initial	- 108 (17.7)	32 (00.0)*	0
HC cleanout	- 18 (00.0)	7 (00.0)	0
Dry Storage	- 5 (00.0)	0 (00.0)	0
Fissile consolidation	- 4 (25.0)	5 (55.3)	0

\* 2-Loaded in FY99, fissile gram content listed in ( )

**Distribution:**

R. W. Bailey	FH	S4-49
J. M. Barnett	FH	L1-05
M. W. Benecke	FH	L6-26
J. M. Bishop	FH	L6-26
F. J. Carvo	FH	L1-03
S. E. Chalk	DOE	L1-02
B. L. Charboneau	RL	L1-02
G. B. Chronister	FH	S4-49
C. E. Clark	RL	A5-15
B. L. Curn	FH	G1-29
E. B. Dagan	DOE	A5-15
G. P. Davis	Ecology	B5-18
L. A. Dietz	BHI	H0-20
R. H. Engelmann	WMH	G1-30
T. L. Erickson	FH	L1-02
D. T. Evans	RL	A6-38
R. L. Guillen	RL	L1-03
J. W. Hales	FH	A3-02
D. F. Iwatate	FH	A1-14
R. E. Johnson	FH	G1-29
J. M. Kisielnicki	FH	L1-04
D. C. Langstaff	RL	L1-08
G. J. LeBaron	FH	S4-49
S. N. Luke	FH	G1-30
T. Martin, Jr.	RL	L1-08
T. K. Masterson-Heggen	Ecology	B5-18
E. M. Mattlin	RL	A5-15
D. J. McBride	FH	L6-04
A. Montelongo	FH	L1-04
S. H. Norton	FH	L1-03
J. K. Perry	FH	L1-04
R. E. Piippo	FH	A5-15
S. M. Price	FH	A0-22
A. L. Prignano	WMH	G1-30
D. E. Rasmussen	FH	L1-04
J. A. Remaize	FH	L6-26
J. G. Riddelle	FH	L1-02
D. J. Riffe	FH	L5-66
J. R. Robertson	FH	L1-04
M. M. Serkowski	FH	L1-05
G. L. Sinton	RL	H0-12
S. J. Skurla	Ecology	B5-18
J. M. Steffen	FH	L5-66
R. W. Stevens	FH	L1-03
A. B. Stone	Ecology	B5-18
R. T. Stordeur	FH	L6-04

<b>C. P. Strand</b>	<b>FH</b>	<b>A3-02</b>
<b>A. E. Teimouri</b>	<b>RL</b>	<b>A2-15</b>
<b>D. W. Templeton</b>	<b>RL</b>	<b>L1-08</b>
<b>K. L. Williams</b>	<b>RL</b>	<b>A6-38</b>
<b>M. S. Wright</b>	<b>FH</b>	<b>L1-08</b>
<b>Y. K. Yerxa</b>	<b>DOE</b>	<b>A5-15</b>

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