

**Arnold, Pam**

**From:** Mathiasmeier, Sue  
**Sent:** Thursday, February 14, 2002 11:23 AM  
**To:** Arnold, Pam  
**Subject:** Classification Review of Documents

February 14, 2002

I have performed a classification review of the following documents:

- Weekly Status Meeting DOE/LRA Minutes for February 13, 2002 (2 pages)
- B371 Closure Project Weekly Status Meeting, February 13, 2002 (10 pages)

These documents were determined to be Unclassified, Not UCNI, and they are approved for public release.

A copy of this correspondence should be maintained on file as evidence of a classification review and approval for public release of these documents.

S. G. Mathiasmeier  
Sr. Classification Analyst  
WSS Classification Office

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2002 FEB 14

B371-A-000075

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KAISER ♦ HILL  
COMPANY

## MEMORANDUM

Date: February 13, 2002

Minutes are unclassified and  
NOT UCNI:

To: Jan Robbins

From: Pam Arnold

Subject: WEEKLY STATUS MEETING DOE/LRA for February 13, 2002

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Attached are the minutes for the referenced weekly meeting for the Operating Record.  
In attendance were:

R. Ahlstrand	R. Herson	D. Onyskiw
P. Arnold	J. Hindman	D. Rack
J. Floerke	K. Kunert	M. Swartz
F. Gerdeman	L. Langlois	G. Tasset
K. Harms	M. McGrory	

In addition to the attached status, the following was discussed:

1. Action Items were reviewed from last week's minutes. Items were completed with the exception of items numbered 4 and 5 which will be carried over until completed. Item number 4 is revised as clarified by McGrory and Hindman (see action item #1 below)
2. Hindman asked if the sludge to be removed from B374 tanks could be shipped off-site (i.e., to a permanent disposal facility). McGrory responded that the sub-contract is not yet finalized, but that they were currently working on a water removal scheme. McGrory said that the end date for sludge removal activities was about the end of June; the sludge draining is actually faster than the shipping.
3. Hindman asked if the sludge to be removed from B374 tanks would be mixed waste and did we know the nCi of the waste. McGrory responded that the intent was to sample each drum as it is packaged to characterize the waste as we could not get an adequate characterization from sampling the tanks.
4. In the D&D summary, under Set 7: dismantlement, bullet 3 indicates that the glovebox would be removed from the building by the end of the week. Correction: The glovebox will be removed from room 3305 and temporarily stored in room 3408 awaiting the arrival of a cargo in which to package the waste glovebox.
5. Floerke asked Kunert if we could add the approval given date in the out-of-commission chart (BIO) because the DOE has 7 days to provide comments and

- at the end of the 7 days if there are no comments, we can assume approved. Kunert said that was correct and she would fill in those dates as appropriate.
6. Kunert noted that comments were submitted to the project on work packages after screening had been performed. Arnold asked if there were any problems with respect to re-screening packages if comments resulted in changes. She said that she did not think so, but wanted to note that changes made after the screening would result in additional time to re-screen.
  7. Hindman requested that McGrory ensure that the draining of the low points at valve vaults is included in the 400 and 800 PWL packages. McGrory indicated that he would.

**ACTION ITEMS FROM THIS MEETING: (to be included in next week's agenda)**

1. McGrory is to indicate when the Tank T231A is scheduled for sludge removal, which is dependent on a sub-contractor selection and subsequent agreements. (carry over from 2/13/02)
2. McGrory is to incorporate both the State and DOE activities into the Project's schedule (to facilitate the consultative process) (carry over from 2/13/02)
3. Arnold is to gain concurrence from RISS and hand out the B374 PWTS/Tank 231 Strategy at next week's meeting.
4. Floerke is to provide appropriate paperwork that reflects a meeting with the JET in which they discuss the item description sheet as it relates to the addition of room 1111, partial Set 12 – addition of scope.
5. Floerke is to provide the water wall draining work package and the saltcrete dismantlement work package to Hindman and Onyskiw.
6. McGrory is to evaluate the 400 PWL package JHA to ensure that the tapping and draining in the valve vaults is addressed with respect to Be hazards.

End

**B371 CLOSURE PROJECT**  
**WEEKLY STATUS MEETING**

*Every Wednesday, 9:30 a.m.*

*B371 Conference Room*

**February 13, 2002**

**AGENDA**

**INTRODUCTION** – *Pam Arnold, X6035, Pager 303-212-4835*

**D&D**

**Presenters** – *Jim Floerke, X2850, Pager 303-212-3292 & Mike McGrory, X5100, Pager 303-212-2146*

- Liquids Draining
- Tank Deactivation
- Glovebox Deactivation
- CSV Deactivation
- Special Projects
  - *Cerium Nitrate*
  - *MAA/PA Closure*
- B374 Deactivation

**Presenter** – *Jim Floerke, X2850, Pager 303-212-329*

- Special Projects
  - *Cleanup*
  - *Breathing Air*
- Sets 7, 24, and Status

**ENVIRONMENTAL** – *Pam Arnold, X6035, Pager 303-212-4835*

**AUTHORIZATION BASIS/BIO** – *John Almon x3217, Pager 303-212-3426*

**ACTION ITEMS FROM LAST MEETING:**

1. Harms to forward the 800 package to DOE and State in the next couple of working days, as soon as the recently received comments have been incorporated.
2. Ward is to provide additionally requested information from Hindman regarding PWTS engineering drawings that indicate elevations (for low points). The information is to evaluate assumptions regarding the system's low points and potential for sludge.
3. Long is to provide to Onyskiw a copy of the RISS/371-4 meeting minutes from several weeks ago in which the transfer of the PWTS to RISS was discussed and action items were assigned. Included will be an update as to the status of the action items.
4. McGrory is to provide the 231A sludge removal strategy to Hindman (i.e., what contractor will perform the work, etc.)
5. McGrory is to incorporate both the State and DOE activities into the Project's schedule (to facilitate the consultative process)

## ACTION ITEMS FOR NEXT MEETING:

### **D&D Summary (AAC) Week Ending 2/8/02**

#### **Non-actinide Liquid Draining**

Continuing to develop Set 6 strategy.

#### **Tanks**

- Set 3 (3517) Completed removing Raschig Rings from Tank D65 2/8; moving to Tank D64. Cerium decon and D&D ready packages are ready-to-work. (1AC103AT00)
- Set 4 Raschig Ring removal from tanks 152A & B complete; surveys determined tanks meet SCO requirements; Determining disposition of tanks 150 & 133 (have non-boron silica rings); cerium decon and D&D ready packages are ready work. (1AD104AH00)
- Set 13 cerium decon and D&D ready packages for 2307 and 2317 are ready-to-work. The 2307 line isolation is complete; the 2317 electrical line isolation package is complete; the mechanical line isolation package is ready to work. The work package for 2319 is in Engineering. (1AC113AT00)
- Set 15 (2223) line isolation walkdown complete; package in planning.

#### **Gloveboxes**

- Planning GB deactivation as contingent work for the Waste Team. Conducted preliminary walkdown of Room 3511, Set 16.

### CSV

- I/O 8 modification package is in Engineering; ECRs for transfer tunnel modification (eliminates need for crate drop and XYZ traverse) and the I/O 8 mod are in process.
- The guillotine door switch relocation package requires an ECR; should complete this week.
- I/O 8 drain line installation package is in progress.
- Lead removal is 90% complete; remaining lead will be removed with the lead windows.
- Electrical isolation is complete.
- Mechanical isolation package should start 2/12.
- GB removal walkdown complete; package in engineering prereqs
- Health Physics Vent Removal package in prereqs.

### Cerium Nitrate

- CeN decontamination procedure is complete and approved.
- Internal management review to be performed prior to hot startup.

### MAA/PA Closure

- The Project team continues work on procedures that de-couple the projects and package for disposition any remaining Pu fines in oily sludge or oxides at the point of generation.
- A procedure for the treatment of organic sludges is out for review. This will address the issue in the Closure Plan re: orphan/rogue waste with no defined ownership for scheduling or processing or no established disposition path (i.e. organic sludges).
- Determination of possible disposition paths for various waste items (i.e. coupons, resins, and classified parts) continues. This item addresses the issue of removing waste drums and containers currently being stored in B371 to remove excessive background readings during Holdup Measurement scans.

### B374 Deactivation

- Blowdown of process waste water lines – packages are being revised to incorporate draining at a low point in each of the lines after blowdown. The 800 Area blowdown will be followed by installation of the modification to send water to 231B. Other system blowdowns will be performed later to the 231B Tank or B374.
- 231 sludge removal - started 2/11 should complete in 3 weeks.
- Cessation of operations - Planned for March 2002.
- Transition to decommissioning - Some decommissioning work will commence in February, pending engineering approval of floor loading for equipment and approval of contract cost (see Set 21).

**D&D Summary (AAD)  
Week Ending 2/8/02**

**Special Projects**

**Breathing Air Modification:**

- Room 2103 electrical and mechanical modifications are in progress.
- Bottle racks installed and painted.
- Room 2103 wall will be replaced after installation of piping.
- Preparing to install B371 breathing air drops.
- To minimize risk associated with an extended breathing air outage, the change over has been replanned to reduce the original two-week duration to about one day.

**Cold Area D&D:**

- Engineering of the B381 fluorine building is complete; mechanical and electrical isolation packages are in planning; clean out is complete.
- Fire Phone IWCP is approved and will be scheduled to work with the fire alarm (Simplex) package. The LSDW work is complete.
- Room 3179 engineering is complete, may be put on hold.
- Rooms 4101, 4102, 4103 and 4104 engineering to be complete 2/12.
- Mechanical engineering package for demolition of the UGST is complete; resolving fire alarm wiring issue with electrical isolation package. Manhole #1 entry was made on 2/6; now in Engineering.

**Set 7: Dismantlement**

- Electrical dismantlement is 60% complete.
- Ancillary equipment mechanical isolation is 60% complete.
- First of four crated gloveboxes will go SCO; lead removal on this glovebox is complete; should be removed from building this week.
- Waterwall drain package is back to Planning and Engineering.
- Heat Exchanges E51 and E105 dispositioned as SCO.

**Set 21: Dismantlement**

- The engineering for the saltcrete system dismantlement from room 3809 is complete. Reviewing contract bid for labor.
- Isolation package is in prereqs.

### Set 14: Dismantlement

- Lead removal package is complete.
- Electrical isolation is 20% complete.
- Draining of waterwalls, port covers and windows is 10% complete.
- Mechanical isolation package has started; LO/TO in progress.
- Removal of glovebox contents has started.
- Size reduction tent has been ordered.



**ENVIRONMENTAL STATUS**  
**REGULATED UNITS**

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
N/A	AM	Tanks: D-200, D-241, D-242, D-243, and D2860		4103	Evaluating for Idle Equipment and inspection frequency
		Electric Motor/Pump		4103	
		Tanks: D261A, D261B, D253A, D253B, D254A, D254B, D223, D210, D204, D723, D250, D224, D249, D205, D203, D207, D256, D255, D309		4104	
		Glovebox		4104	
		Pumps		4104	
		Motors		4104	
		Piping		4104	
<b>3</b>					
		Tanks: D132A, B, and C	MRT	3517	
		Nitric Acid Recirc. pump 31-11, P-28A	IE: 0049	3517	
		Nitric Acid Recirc pump 31-11, P28B	IE: 0050	3517	
		Nitric Acid Recirc pump 31-11, P29A	IE: 0051	3517	
		Nitric Acid Recirc pump 31-11, P29B	IE: 0052	3517	
		Nitric Acid pump 31-15, P63	IE: 0054	3517	
		Pumps P-28A, P-28B, P-29A, and P-29B	IE: 0107	3517	
		Pumps P-33A, P-33B, P-34A, P-34B	IE: 0109	3517	
<b>4</b>					
		Tanks: D133, D150, D151, D152A, D152B	MRT	3571	
		Ancillary Equipment: Evaporator-reboiler E-55, Evaporator Bottoms Cooler E-56, Condenser E-57, and Nitric Acid Feed Heat Exchanger E-62.	MRT	3571	
		Evaporator Bottoms Pump 31-18 P49A	IE: 0079	3571	
		Evaporator Bottoms Pump 31-18 P49B	IE: 0080	3571	
		Pumps 33 A&B, 34 A&B	IE: 0109	3571	

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ENVIRONMENTAL STATUS - REGULATED UNITS, cont.

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
5	Tanks: D134A, D134B D134C, D135A, D135B, D289A, D289B, and D289C.	MRT	3573	Raschig Rings removed from Tanks D134B, D134C, and D289A, and D289B. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste.
7	Container Storage - Room	371.1A	3301	
	Mixed Residue Tank - Ancillary Equipment only	N/A	3303	
	Container Storage - Room	371.1A	3305	
	Pumps: P171, P172, P173, P174, P175, P176, P177, P178, P179, P180	IE: 0122	3305	
	Mixed Residue Tank - Ancillary Equipment only	N/A	3305	
	Mixed Residue Piping in room 3305	MRT (ancillary equip.)	3305	Piping to be removed using the walls in the room as the boundary. The piping portion of the unit will be closed using Clean Closure Option #1 under the B371/4 DOP.
	Container Storage - Room	371.1A	3315	
	GB Storage - GB#32	371.1B	3315	
12	CWTS: GB 2401	371.3A	1105	
	CWTS: GB 2402, 2403	371.3A	1103	
	CWTS: GB 18, 23, 2404	371.3A	1115	
	CWTS: Tanks 2401A, B, C & D, 2402A & B, and 2403	371.3A	1103	
	Master process control and alarm panel	N/A	1113	
	Container Storage - Room	90.14	1111	Not currently in Permit - to be closed
	Container Storage - Room	90.19	1115	Not currently in Permit - to be closed
	Tanks: D-44A-1, D-44A-2, D-44A-4, D-44A-5, D-44A-6, D-44B-1, D-44B-2, D-44B-4, D-44B-5, D-44B-6	MRT	1107	
	Tanks: D-43A-1, D-43A-2, D-43A-3, D-43A-4, D-43A-5, D-43B-1, D-43B-2, D-43B-3, D-43B-4, D-43B-5	MRT	1109	
	Tanks: D-160A, B, D-400A, B, D, D-179	MRT	1115	

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ENVIRONMENTAL STATUS - REGULATED UNITS, cont.

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
12	Tanks: D-2A, B, D-157A, B, D-238A, B, D-240A, B, D-170, D-171	MRT	1117	
	Tanks: D-293A & B	MRT	1127	
	Container Storage - Room	371.1A	1103	
	Vault Container Storage	371.1C	1101	
	Wash Liquid Pump 31-17, P-182	IE: 0008	1117	
	HAS Waste Pump 34-04, P4B, Tank D4B from E9, T10 to 2, D811	IE: 0009	1117	
	HAS Waste Pump 34-04, P3A, Tank D3A, from E1, E80 to D811	IE: 0010	1117	
	HAS Waste Pump 34-04, P3B, Tank D3B, from E1, E80 to D811	IE: 0011	1117	
	HAS Waste Pump 34-04, P4A, Tank D4A, from E9-E10 to D2, D811	IE: 0012	1117	
	Pumps P-140, P-141A, P-141B	IE: 0113	1115	
	Pumps P-181 and P-182	IE: 0114	1117	
	Pumps P-5A, P-5B, P-6A, P-6B, P-7A, P-7B, P-15A, P-15B, P-27A, P-27B, P-107A, P-107B, JP-108A, P-108B	IE: 0115	1125	
13	Tank D-292A & B	MRT	2317	
	Pumps P-21A, P-914	IE: 0117	2307	
	Pumps P-85A, B, C; P-27A, B, C	IE: -119	2317	
14	Container Storage - Room	371.1A	2325	
	Mixed Residue Piping in room 2325	MRT (ancillary equip.)	2325	Piping to be removed using the walls in the room as the boundary. The piping portion of the unit will be closed using Clean Closure Option #1 under the B37 1/4 DOP.
18	Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A, D826B, D826C.	374.3	3801	
	See Set 19 also			
	Tanks: D827, D830, D832, D834, D876, D879, T802, T803, T804, T805.	374.3	3810/4814	

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**ENVIRONMENTAL STATUS - REGULATED UNITS, cont.**

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
19	Tanks: D802A, B, C, D804A, B, C, D, D811A, B, D843, D852, D875, D847, D851.	374.3	2804	
18/19	Tanks: D806, D807A & B, D808, D843, D942.	374.3	2804/3801	
19	Tanks: D801A, B, & C, D826C, D878, D883A & B, D884,	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	Tanks D883A/B have been declared RCRA Stable and transferred to D&D
19	Spray Chamber W803, Spray Dryer Baghouse FL803	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
19/21	Tanks: D824A & B, DD825 A & B, D844 A & B, D848	374.3	2804/3801/ 3803/3805/ 4805/4807	
19	Drum Filter Basins: FL802A & B, Sludge Dryer: W801, Dry Sludge Hopper: H3, Dry Sludge Conveyors: CV813A & B See Set 21 also	374.3	2804/3801/ 3803/3805/ 4805/4807	
24	GB Storage - GB's 72B and 72C	371.1B	3408	GB's 72B and 72C, have been closed by "Unit Removal in Conjunction with 'Debris Rule' Treatment".
	Mixed Residue Tank - Ancillary Equipment	N/A	3408	
56	Tanks: D806 and D807A/B, 808, 812, 813, 814, 815, Polishing Filter FL831	374.3	3801	Tanks D807A/B, D808, D813, D814, D815, and D816 have been declared RCRA Stable and transferred to D&D.
	GB Storage - GB's 107 and 113	374.3	3801	
57	No RCRA Units			
58	Tanks: D825A, D825B, D844A, D844B, D848	374.3	3803/4805/ 4807	Tanks: 825A, D825B, D844A, D844B, D848 have been declared RCRA Stable and transferred to D&D.
	Ancillary Equipment: FL802A, FL802B, W801, H3, CV813A, CB813B, CV808, CV812, CV813A/B, CV816, W801, H3, FL802A/B, T807, E804A/B/C, E817A/B, P806A/B, P815A/B, P816A/B, P862A/B.	374.3	3803/4805/ 4807	
	GB Treatment: GB's 115 AB, 116AB, 117AB, 118 AB.	374.3	3803/4805/ 4807	

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# Basis for Interim Operations (BIO)

Week Ending 02/08/02

## PuSPS Page Changes

- Process less than 80% Pu oxides
  - Waiting for DOE comments (to be provided 02/12/02)
  - Scheduled for PRC Thursday

## Operations Page Changes

- Page change to incorporate all JCOs
  - Comments incorporated
  - To PRC Tuesday
- Residue Product Carts
  - Waiting for DOE approval

## Other Page Changes

## D&D Support

- Out-of-commission
  - USQDs completed for placing dismantlement sets out-of-commission:

Set	Date Completed	Date to DOE	Response Due	Approval Given
24	09/27/01	10/01/01	10/08/01	10/01/01
7	10/24/01	10/30/01	11/06/01	
14	11/13/01	11/28/01	12/05/01	
13	12/13/01	12/18/01	12/25/01	01/30/02
21	12/11/01	01/15/02	01/22/02	01/29/02
12, Ph. 1	01/02/02	01/15/02	01/22/02	01/29/02
15	01/09/02	01/24/02	01/31/02	
AM, Ph. 1	being worked			
PWTS	Cancelled*			

- \* The PWTS is not described in the Building 371/374 BIO or included in the TSRs; therefore, it was determined that the OOC designation of these lines per the TSRs is not required. The work packages for the blow down, sampling, and isolation will be evaluated.

13/13