



KAISER • HILL  
COMPANY

## MEMORANDUM

Date: August 13, 2001

To: Jan Robbins

From: Pam Arnold

Subject: WEEKLY STATUS MEETING DOE/LRA for August 13, 2001

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Attached are the minutes for the referenced weekly meeting for the Operating Record.



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DOCUMENT CLASSIFICATION  
REVIEW WAIVER PER  
CLASSIFICATION OFFICE

ADMIN RECORD

B371-A-000045

# **B371 CLOSURE PROJECT**

## **WEEKLY STATUS MEETING**

*Every Monday, 9:00 a.m.*

*B371 Conference Room*

**August 13, 2001**

### **AGENDA**

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

#### **D&D**

**Presenters** — *John Wrapp, X5883, Pager 303-212-6074/Joe Majestic, X7811, Pager 303-212-1958*

- Liquids Draining
- Tank Deactivation
- Glovebox Deactivation
- CSV Deactivation
- Set 16 Deactivation
- Special Projects
- *Cerium Nitrate*
- *MAA/PA Closure*

**Presenter** — *Barry Gustafson, X3292, Pager 303-212-5290*

- Special Projects
- *North Side Cleanup*
- *Remote Dismantlement Chamber*
- *Breathing Air*
- Sets 7, 18, 24, 30 and 56 Status

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

**WASTE MANAGEMENT** — *Laurie Gregory-Frost, X3681, Pager 303-212-1980*

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

# D&D Summary (AAC)

## Week Ending 8/10/01

### Non-actinide Liquid Draining

**KH Target Finish: 9/28/00**

**Current Early Finish: 10/13/01**

**SV: -243 days**

- CWTS processing continued during the week of 8/13.
- Set 4B (1117) draining is expected to start the week of 8/20 with fixative application. The IWCP package for fixative application is complete. (1AQ31DR04B)
- Set 4A (1115/1103) draining will follow completion of Set 4B. (1AQ31DR04A)
- Set 2B (rebaselined Set 6) entry to complete hanging of tags, and IWCP completion are TBD to support higher priority work. (1AQ31DR02B)

### Tanks

**KH Target Finish: 9/24/03**

**Current Early Finish: 11/04/03**

**SV: -26 days**

- Set 5 (3573, 8 tanks) Twenty breathing air entries have been completed. Fifty-four drums of rings have been removed from D-134C and D-134B.
- Vacuum system prototype is being worked. Preliminary design is possible next week. (1AC105ET00)
- Design of the drum/glovebag configuration has been modified for two different operating conditions. Fabrication of the 5 gallon bag version of the drum/glovebag configuration is complete and mockup has begun on tank D-249.
- Sets 3 (3517), line isolation & raschig ring removal engineering/planning is complete. (1AC103AT00)
- Set 13 (2307/2317/2319) line isolation and raschig ring removal engineering/planning are complete. (1AC113AT00)
- Set 4 and Set 5 cerium decon package & tank D&D ready packages are 95% complete, awaiting safety screens. (1AD105AH00) (1AD104AH00)
- Sets 3 and 4 electrical isolations are 45% complete.

### Gloveboxes

**KH Target Finish: 7/30/03**

**Current Early Finish: 10/17/03**

**SV: -50 days**

- Set 23 (3321/3323/3325) is 90% complete. All GB's returned to service, cleaned, and scanned. No SNM holdup removal required. Two transfer pumps may contain free liquid. Engineering has begun for pump oil draining (1AC123EG00).
- Set 24 (3408) is 95% complete. Final bagouts and GB scans will be performed the week of 8/13.
- Set 7 (3305) is 70% complete. Physical isolation of pumps is complete. Draining remains 70% complete. All GB36 furnace gear reducers have been removed and scans are complete. Awaiting criticality evaluation for oil collection. (1AC107EG00)
- Set 14 (2325) is 20% complete. Resources limited by work in 3408. (1AC114EG00)
- Set 6 (3541) engineering evaluation has been completed. Pumps and equipment will not require liquid draining.

## CSV

**KH Target Finish: 2/13/03**

**Current Early Finish: 6/30/03**

**SV: -86 days**

- The I/O 8 wall has been delivered to the building. The transfer tunnel has been painted and will be pressure tested and delivered the week of 8/13. The GB 69 crate drop has been pressure tested and was shipped to Air & Hydraulic Equipment on 8/6. The tilt tables have been delivered to the site. Procurement of the I/O 8 mechanical system has been placed on hold. Permacon procurement is through PEQA review and has been ordered. (IAC109AD01) *rejected by PEQA*
- Guillotine door ram replacement is scheduled to start 8/13.
- Sprinkler installation was performed during the weekend of 8/11.
- GB 68 modification completed on 8/9. All excess material has been bagged out and skatewheel conveyers have been bagged in. The SSC was removed on 8/10.
- IWCP Planning Status:
  - I/O8 modification package will be out for signature approval on 8/13. Placement of the airmover remains an open issue.
  - Guillotine door switch relocation package was complete on 8/2. Work will follow ram replacement.
  - GB 69 modification package is in final approval. It still will need the ECR from engineering for the drill press base plate. The appropriate work steps have been incorporated.
- Permacon installation package is 50% complete. Planning is on hold until GB 69 and I/O 8 packages are complete. (AC109AD00)
- Planning will start on 8/9 for the I/O 8 drain line.

## Special Projects

### **Cerium Nitrate**

- CeN decontamination procedure safety screen will be completed following final review and approval of a supporting calculation.
- Internal management review to be performed prior to hot startup.

### **MAA/PA Closure**

- The MAA/PA closure plan draft is 45% complete. (AC11PNM20)
- A meeting was held 8/9 to discuss the possibilities/barriers associated with the Site Projects dispositioning SNM holdup generated during D&D activities vs. processing in B371.
- B559 has assigned a Program Manager to finalize closure plans and schedule. The Program Manager intends to integrate their schedule with the Site Projects and B371 MAA/PA Closure Project.
- B371 is reviewing the IDC list from the RockMAS system to identify which material does not have a program manager and disposition path.

**D&D Summary (AAD)  
Week Ending 8/2/01**

**Special Projects:**

Work continues on three special projects in support of D&D activities.

- "North Side Clean-up: Ready to mobilize KH construction on allowable work scope.
- RDC (ITC) The specification and statement of work are in the procurement department and will be issued to interested bidders in compliance with site's procurement procedures. Dates for the distribution are to be determined. (IAD11SRK10), (IAD11SRK20), (IAD11SRK30) Work to clear operating space for the RDC is proceeding in room 3801 (set 56) as components are available.
- IWCP work package for Breathing Air System upgrades are approved. Preliminary work, including conduit installation, pipe fabrication and core drilling, is on going. We continue to investigate the optimum time to take the breathing air system out of service to perform the modification. In addition we are working on plans to install the new equipment on short shutdowns to minimize downtime of the system. (AD11BAJ10), (IAD11BAJ20), (IAD11BAJ30), (IAD11BAJ40). With the breathing air needs in the CSV, we will not take the existing system out of service until early December.

General: Planning and engineering on the next series of sets scheduled for D&D has started. The next sets on the schedule are: 3, 4, 5 and 57. Details by set will be available as planning and engineering progresses and scope documents are prepared.

**Set 7: Rooms 3301, 3303, 3305**

**KH Target Finish: 10/01/02**

**Current Early Finish: 10/07/02**

**SV: -4 day**

- Technical support planning and engineering continues for development of standard work packages to remove gloveboxes 36, 37, 38 and 75.
- Electrical and Mechanical Isolation Work Packages have been given to D&D production/operations for execution.
- Removal of loose equipment will continue into the next reporting period. (IAD107BD00). We have drained the glove port covers and are preparing to drain glove box water walls and sections of piping prior to isolation.
- Three crated glove boxes were opened last week. Gloveboxes inside were wrapped in plastic. Scans and surveys will continue. Information is being gathered to determine a plan for disposition.

**Set 18: Rooms 3801, (north portion), 3805**

**KH Target Finish: 9/10/01**

**Current Early Finish: 3/26/02**

**SV: -124 days**

- A Recovery Plan is in the process of development and will be implemented upon actual termination of operations. Preliminary efforts included a phased approach to isolate and remove equipment that is not required for facility operation. This includes tanks 816, 817, 818, 819 and associated equipment. (IAD118AD00) We are focusing management attention to the closure of tanks in the area to allow D&D to begin. We expect set 18 phase one to be released in early August and phase two in early January.

**Set 24: Rooms 3402, 3404A, 3404, 3406, 3408**

**KH Target Finish: 9/25/01**

**Current Early Finish: 1/15/02**

**SV: -65 days**

Partial schedule recovery will be realized when D&D of glovebox is commenced. Chemicals have been removed from room. Glovebox final scanning still revised.. (IAD124AD00)

- D&D crews have isolated and removed equipment declared OOC, available for disposition. (IAD124BD00)
- Loose equipment removal has progressed as far as possible until additional components are available. (IAD124AD00)
- Work Packages to remove the glove boxes are in the final signature process. (IAD124AD00)
- We reviewed and revised the schedule for decommissioning work based on current predicted start dates and work plans. Several days of negative schedule variance were removed by the logic changes. Additional negative variance will be removed as activities are worked in parallel, where it is safe to do.
- A second JET meeting completed 8/10. A determination on the required type of readiness review is expected in the near future.

**Set 56: Room 3801, (south portion)**

**KH Target Finish: 9/10/01**

**Current Early Finish: 12/17/01**

**SV: -61 days**

- Recovery plans are in process of development and will be implemented when tank deactivation is completed. D&D workers are supplementing the operations staff and assisting with draining of the remaining tanks. Draining, photographing and documentation of tanks is expected to be complete by mid-August. D& D work will begin at that time.

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**ENVIRONMENTAL STATUS  
REGULATED UNITS**

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
4	N/A	Tanks: D133, D150, D151, D152A, D152B		
	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	MRT	3571	
	Evaporator Bottoms Pump 31-18 P49B			
	Pumps 33 A&B, 34 A&B	IE: 0079	3571	
		IE: 0080	3571	
		IE: 0109	3571	
5	N/A	Tanks: D134A, D134B D134C, D135A, D135B, D289A, D289B, and D289C.	MRT	3573
7	N/A	Container Storage - Room		
	N/A	Mixed Residue Tank - Ancillary Equipment only	371.1A	3301
	N/A	Container Storage - Room	N/A	3303
	N/A	Pumps: P171, P172, P173, P174, P175, P176, P177, P178, P179, P180	371.1A	3305
	N/A	Mixed Residue Tank - Ancillary Equipment only	3710122	3305
	Pumps: P171 through P180 (10 pumps)	N/A	3305	
	N/A	Container Storage - Room	IE: 0122	3305
	N/A	GB Storage - GB#32	371.1A	3315
			371.1B	3315
14	N/A	Container Storage - Room	371.1A	2325
18	N/A	Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A, D826B, D826C.	374.3	3801
	N/A	See Set 19 also		
	N/A	Tanks: D827, D830, D832, D834, D876, D879, T802, T803, T804, T805.	374.3	3810/4814

Tanks D883A/B have been declared RCRA Stable and transferred to D&D

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

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	
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	
	Drum Filter Basins: FL802A & B, Sludge Dryer: W801, Dry Sludge Hopper: H3, Dry Sludge Conveyors: CV813A & B	374.3	2804/3801/ 3803/3805/ 4805/4807	
	See Set 21 also	371.1B	3408	
24	GB Storage - GB's 72B and 72C	N/A	3408	
	Mixed Residue Tank - Ancillary Equipment			
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	
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	

## Waste Management Summary

Status for Week Ending 08-10-01

- **The DRAFT Management Requirements for Remediation Waste, 371/374 Closure Project procedure:** Working on resolution of CDPHE comments.
- **Remediation Waste Training:** Continuing development of formal training based on the remediation waste procedure.

**Basis for Interim Operations (BIO)**  
Week Ending 8/10/01

**BIO Revision 5, Annual Update**

- Approval received from DOE RFFO July 17, 2001.
- Document has been issued, effective August 13, 2001.

**BIO Page Change to Support Dismantlement Activities**

- Page change has been completed and is out for review and approval.

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