



KAISER • HILL
COMPANY

MEMORANDUM

Date: August 20, 2001

To: Jan Robbins

From: Pam Arnold

Subject: WEEKLY STATUS MEETING DOE/LRA for August 20, 2001

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

In attendance were:

P. Arnold
J. Floerke
D. Foss
B. Gustafson
M. Hesser
K. Kunert
J. Majestic
D. Onyski
E. Pietsch
J. Tasset
J. Wrapp



ADMIN RECORD

DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

B371-A-000046

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B371 CLOSURE PROJECT

WEEKLY STATUS MEETING

Every Monday, 9:00 a.m.

B371 Conference Room

August 20, 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 8/16/01

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 will start the week of 8/20. 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-three breathing air entries have been completed. Entry has been made into the third tank, D-134A.
- Vacuum system prototype will be demonstrated the week of 8/20. Preliminary design is complete. (1AC105ET00)
- Mockup of the drum/glovebag configuration on tank D-249 will continue on 8/20. Following completion of the mockup, final equipment modification will be made and a work package will be developed.
- 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 75% 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 complete. Final bagouts and GB scans have been performed.
- Set 7 (3305) is 75% complete. Draining of pumps is 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 transfer tunnel is complete and was delivered the week of 8/13. The GB 69 crate drop is assembled and will be tested the week of 8/20. The tilt tables have been delivered to the site. Procurement of the I/O 8 mechanical system has been placed. Permacon procurement has been placed on hold pending review by management. (IAC109AD01)
- Guillotine door rams were replaced on 8/14. Maintenance continues to troubleshoot operation of doors.
- IWCP Planning Status:
 - I/O8 modification package will be out for signature approval on 8/20. Placement of the airmover remains an open issue.
 - Guillotine door switch relocation package is ready for pre-req.s. Package is on hold pending review by management on the need for permacon. Switches will not need to be moved if permacon is not installed.
 - 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. Package has been changed to reflect downgrade of respiratory controls to PAPR.
- Permacon installation package is 50% complete. Planning is on hold until GB 69 and I/O 8 packages are complete. (AC109AD00)
- Planning has started on the I/O 8 drain line installation. Expected completion is 8/28.

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 to discuss the possibility of de-coupling the Site Projects. DOE has agreed that dirty oxides from D&D could be packaged directly for WIPP. There is no need to package once to ship to B371 and a second time for WIPP. PRO 544 could provide a method for B771 to package D&D recovered fluorides and oxides for direct shipment to WIPP. There may be some modifications required for B771 to utilize PRO 544, there may not be an acceptable location in B771 to perform packaging activities, and there is an issue concerning required NDA testing. B771 will advise.
- The metal chips and fines in oil in B707 continue to be the most difficult issue. Neither B707 nor B371 AB allows for the treatment of metal chips. The treatment and packaging of the metal chips is not scoped in either B707 or the PuSPS statements of work. Currently, B371 does not have an inert atmosphere/heat head location to store the metal prior to stabilization. GB 39 in Room 3206 could be re-inerted but the Oxygen Analyzer header is not operational and would require repair by maintenance. The hydrocarbons must be removed from the metal prior to stabilization and if chlorinated solvents are used then a contaminated solvent waste with no disposition path would result. PuSPS has the equipment to perform the stabilization if the metal was received prior to their project completion. Otherwise, an air box *would be needed elsewhere to complete the project.*

D&D Summary (AAD)

Week Ending 8/16/01

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. Construction area fencing, work on the product water tank containment which will not require system isolation, ie: concrete basin floor penetrations, drain line extensions, and the initial work on demolition of the cooling tower will begin this week.
- RDC (ITC) The specification and statement of work are being reviewed and will be submitted to the procurement department when approved. The procurement requisition will be reviewed again by PEQA and, after acceptance, will be issued to interested bidders in compliance with site's procurement procedures. Dates for the distribution are to be determined. (1AD11SRK10), (1AD11SRK20), (1AD11SRK30) 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. A window of opportunity to install the new compressor, dryer and associated piping has developed. KH-Construction may begin the removal of the existing compressor this week, pending acceptance of the breathing air outage schedule by Facility Management. A detailed schedule was developed and submitted last week.
- 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, and 57. Details by set will be available as planning and engineering progresses and scope documents are prepared. Set 5 planning and engineering will begin when the tent used by the tank deactivation crew is removed.

Set 7: Rooms 3301, 3303, 3305

KH Target Finish: 10/01/02

Current Early Finish: 10/09/02

SV: -6 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. (1AD107BD00). We have drained the glove port covers and are preparing to drain glove box water walls and sections of piping prior to isolation.
- The wooden-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. Options include in-situ size reduction, relocation to 3420 for size reduction or relocation to another building's ITC for size reduction.

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

KH Target Finish: 9/10/01

Current Early Finish: 3/27/02

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: 1/23/02

SV: -76 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 was completed 8/13. A management startup assessment was the determination by the JET on the required type of readiness review. The MSA has been scoped, planned and will be performed when the assessment team is assembled.

Set 56: Room 3801, (south portion)

KH Target Finish: 9/10/01

Current Early Finish: 12/24/01

SV: -65 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 late-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. Evaporator Bottoms Pump 31-18 P49A Evaporator Bottoms Pump 31-18 P49B Pumps 33 A&B, 34 A&B	MRT MRT IE: 0079 IE: 0080 IE: 0109	3571 3571 3571 3571 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 3710122	3305 3305	
	N/A Mixed Residue Tank - Ancillary Equipment only	N/A	3305	
	N/A Pumps: P171 through P180 (10 pumps)	IE: 0122	3305	
	N/A Container Storage - Room	371.1A	3315	
	N/A GB Storage - GB#32	371.1B	3315	
14	N/A Container Storage - Room			
18	N/A Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A, D826B, D826C.	371.1A	2325	
	N/A See Set 19 also	374.3	3801	Tanks D883A/B have been declared RCRA Stable and transferred to D&D
	N/A Tanks: D827, D830, D832, D834, D876, D879, T802, T803, T804, T805.	374.3	3810/4814	

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, D807A & B, D808, D843,	374.3	2804	
18/19	Tanks: D806, D807A & B, D808, D843, D942.	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
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/ 4805/4807	
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	N/A		
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 08-16-01

- **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 8/16/01

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

- Submitted to DOE Monday, August 13, 2001.

PuSPS Page Change

- Expect to be submitted to DOE ^{this}~~next~~ week.

10/10