



KAISER • HILL
COMPANY

MEMORANDUM

Date: September 10, 2001
To: Jan Robbins
From: Pam Arnold
Subject: WEEKLY STATUS MEETING DOE/LRA for September 10, 2001

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

In attendance were:

P. Arnold
T. Browdy
J. Floerke
D. Foss
F. Gerdeman
B. Gustafson
M. Heser
J. Majestic
E. Pietsch
J. Tasset
J. Wrapp



DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

ADMIN RECORD

B371-A-000048

1/10

B371 CLOSURE PROJECT

WEEKLY STATUS MEETING

Every Monday, 9:00 a.m.

B371 Conference Room

September 10, 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*

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D&D Summary (AAC)

Week Ending 9/7/01

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 8/27.
- Set 4B (1117) draining continued during the week of 9/4 and is 25% complete. Violation of the RWP suspension limit has placed the draining in breathing air. Four entries have been made. (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) breathing air entries have been suspended. The TMR vacuum system demonstration was successful and a requisition has been issued for the unit. In parallel, a commercial HEPA filtered vacuum has been procured and may be modified for ring removal. (1AC105ET00)
- With the success of the vacuum system, work on the drum/glovebag configuration has been suspended.
- Sets 3 (3517) and 4 (3571) prerequisites for line isolation & raschig ring removal are complete and isolations have started. (1AC103AT00)
- Set 5 cerium decon and D&D ready package is complete. (1AD105AH00)
- Set 4 cerium decon and D&D ready package is ready for safety screen. (1AD104AH00)
- Set 3 cerium decon and D&D ready package is 50% complete. The engineering package is complete.
- Set 13 (2307/2317/2319) engineering to support cerium decon and final D&D isolations is complete for Rm. 2307. (1AC113AT00)
- Set 15 (2223) line isolation and raschig ring removal engineering/planning are 85% complete. Lessons learned from Set 3 are being incorporated.

Gloveboxes

KH Target Finish: 7/30/03

Current Early Finish: 10/17/03

SV: -50 days

- Set 23 (3321/3323/3325) is 90% complete. Two transfer pumps contain free liquid. Engineering has completed for pump oil draining and the work package is out for review. (1AC123EG00).
- Set 7 (3305) is 95% complete. Draining GB36 furnace gear reducers started on 9/6. (1AC107EG00)
- Set 14 (2325) is 30% complete. Glove changeouts and gear reducer isolations were completed on 9/6 and GB clean out has started. (1AC114EG00)
- Set 6 (3543) return to service started on 9/6 using the idled RR removal crew.
- The SWP for initiation of GB deactivation work is in final comment resolution.

CSV

KH Target Finish: 2/13/03

Current Early Finish: 6/30/03

SV: -86 days

- The ECR to repair the transfer tunnel is complete, as are the modifications and the pressure test. It will be shipped the week of 9/10.
- The GB 69 crate drop was shipped from North Carolina on 8/31.
- The tilt table has been delivered to the building.
- Fabrication of the I/O 8 mechanical system is 50%. Gripper redesign is approved and in fabrication. The mock-up enclosure has been completed and the electrical control panel fabrication has started. The XYZ traverse design has been approved and the requisition has been placed. The air motor requisition has also been placed. (IAC109AD01)
- I/O8 modification package is in comment resolution. An ECR on the I/O wall also needs to be incorporated.
- The guillotine door switch will be relocated. Package prerequisites have been completed and the switch relocation is 20% complete.
- GB 69 modification package is approved, prerequisites are complete, and the SSC has been constructed. Work will start the week of 9/10.
- I/O 8 drain line installation package is in comment resolution following roundtable review. An ECR is needed to complete the package.

Special Projects

Cerium Nitrate

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

MAA/PA Closure

- The MAA/PA closure plan draft is 60% complete. (AC11PNM20)
- A crosscheck between the residue IDCs being processed to satisfy DNFSB Recommendation 94-1 and the residue IDCs listed in the RockMas database for B371 is complete. An additional quantity of residue material will need to be processed once the DNFSB Recommendation has been satisfied. It also appears likely that multiple IDCs earmarked for PuSPS will be diverted to the residue packaging lines.
- An activity has started to identify and ship TRU and TRUM waste drums from the facility. An estimated 200 drums have some deficiency that will require corrective action prior to shipment. Reducing the TRU and TRUM waste inventory is needed to support accurate holdup scans.
- An activity has started to reactivate the nitrogen system to GB39 in Rm. 3206. An inert GB is needed to brush classified shapes prior to shipment and may provide a treatment location for metal chip holdup from B707.
- SP&I has started an options analysis on final Site MAA/PA closure. A recommendation will be made to executive management by the end of September.

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D&D Summary (AAD)

Week Ending 9/7/01

Special Projects:

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

- "North Side Clean-up KH construction has mobilized material and equipment to begin demolition. Construction area fencing, drain line extensions, and the initial work on demolition of the cooling tower is complete. The PDS report was transmitted for review last week. Concurrent review by DOE and CDHPE is in process. The fire system isolation was performed last week and removal of the fans, motors, shrouds and transite panels will begin this week. D&D workers will steam clean the KOH tanks this week and B374 personnel will transfer the rinsate to B374 process waste tankage.
- 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. Pending acceptance of the breathing air outage schedule by Facility Management the BA system will be out of service for approximately 6 weeks. Detailed schedules with varying start dates were developed and are being considered by Facility Management. The window for the work must fit between BA requirements for RRR removal and the CSV modification.
- 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. Work on set descriptions, scope and work package determinations is ongoing. Sets to begin the planning processes are first priority for this effort. A record file for each set will be developed and will include set definition, scope, comparison and reconciliation to the PMP and DOP descriptions, work package listing and descriptions, PWA and exceptions, Best estimate excerpts, and photos.

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.
- The wooden-crated glove boxes were opened and are currently being analyzed for disposition. Options include in-situ size reduction, relocation to 3420 for size reduction or relocation to another building's ITC for size reduction. A work package to open the crated glove box in room 3412 has been issued to D&D for action. When the contents and condition of the contents are known a decision will be made to disposition all of the crated gloveboxes.

- Electrical and Piping strip-out packages are in final review process.
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 September and phase two in early January.
- Work packages for isolation are with the D&D group to work as soon as the tank deactivation is complete.

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.

- Work Packages to remove the glove boxes are in the final signature process. (IAD124AD00)
- The MSA has been scoped, planned and will be performed when the assessment team is assembled and the work packages are approved.

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	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 MRT	3571 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	
5	Tanks: D134A, D134B D134C, D135A, D135B, D289A, D289B, and D289C.	MRT	3573	
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	3710122	3305	
	Mixed Residue Tank - Ancillary Equipment only	N/A	3305	
	Pumps: P171 through P180 (10 pumps)	IE: 0122	3305	
	Container Storage - Room	371.1A	3315	
	GB Storage - GB#32	371.1B	3315	
14	Container Storage - Room	371.1A	2325	
18	Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A, D826B, D826C.	374.3	3801	Tanks D883A/B have been declared RCRA Stable and transferred to D&D
	See Set 19 also			
	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	N/A	Tanks: D802A, B, C, D804A, B, C, D, D811A, B, D843, D852, D875, D847, D851.	374.3	2804	
18/19	N/A	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 See Set 21 also	374.3	2804/3801/ 3803/3805/ 4805/4807	
24	N/A	GB Storage - GB's 72B and 72C	371.1B	3408	
	N/A	Mixed Residue Tank - Ancillary Equipment	N/A	3408	
56	N/A	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.
	N/A	GB Storage - GB's 107 and 113	374.3	3801	
58	N/A	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.
	N/A	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	
	N/A	GB Treatment: GB's 115 AB, 116AB, 117AB, 118 AB.	374.3	3803/4805/ 4807	

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Waste Management Summary

Status for Week Ending 09-07-01

- **The Management Requirements for Remediation Waste, 371/374 Closure Project procedure:**
Received concurrence from James Hindman, CDPHE, and Denise Onyskiw, CDPHE LRA, on the draft procedure. Completion of the Independent Safety Review (ISR) by the Plant Review Committee (PRC) is scheduled for next week. The procedure will be finalized within the next two weeks.
- **Remediation Waste Training:**
The remediation waste training class will be finalized when the procedure is finalized. Classes will begin shortly thereafter.

Basis for Interim Operations (BIO)

Week Ending 9/7/01

BIO Page Change to Support Dismantlement Activities

- Page change approved.
- Implementation is in process.

PuSPS Page Change

- Expect to be submitted to DOE Thursday.

10/10