0059027

PFP Project Managers Meeting
Federal Building/Room 248
Richland, Washington

August 21, 2002
9:00 a.m. – 11:00 a.m.

Meeting Minutes Transmittal

The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Project Managers Meeting.

Allison K Wright w/comments incorporated Date: 9/18/02
A. K. Wright, PFP Project Manager, DOE-RL

Date: 9-18-02
J. K. Yerxa, TPA Project Manager, DOE-RL

Date: 9-18-02
F. W. Bond, Project Manager,
Washington State Department of Ecology

PFP, FH Concurrence:

Karl Madlung FOR Date: 9/18/02
L. R. Fitch, Contractor Representative, FH

Purpose: Project Managers Meeting

Attachment 1: Agenda & Action Item List
Attachment 2: Commitments/Agreements
Attachment 3: L. Fitch Presentation on Plant Status
Attachment 4: J. Lilly Presentation on Legacy SNM Holdup Removal
Attachment 5: Attendee List

RECEIVED
APR 04 2003
EDMC

PFP Project Managers Meeting
Federal Building/Room 248
Richland, Washington

August 21, 2002
9:00 a.m. – 11:00 a.m.

Distribution:

F. W. Bond	Ecology	B5-18
D. Bartus	EPA	B5-18
R. E. Piippo	FH	A1-14
J. K. Yerxa	RL	A5-15
A. M. Hopkins	FH	H5-24
L. D. Romine	RL	A6-33
C. S. Sutter	FH	T5-50
B. L. Charboneau	RL	A6-33
S. T. Ritts	FH	A1-14
A. K. Wright	RL	T5-58
L. R. Fitch	FH	T5-57

ADMINISTRATIVE RECORD (two copies): A1-14
Debbi Isom (two copies): H6-08

Please send comments on distribution list to Scott Ritts, A1-14 (373-5372).

PFP Project Managers Meeting
Federal Building/Room 248
Richland, Washington

August 21, 2002
9:00 a.m. – 11:00 a.m.

Meeting Minutes

1. Administrative Issues
   a. Action Tracking Review
      - Item 1 (comments on IPMP). Resolution of Ecology's comments on the IPMP has been reached. The next IPMP submittal will capture the comments. Next revision is expected in Fall 2002.
2. PFP Project Item Status
   a. Milestone status
      - M83-21 – SUBMIT TO THE WASHINGTON STATE DEPARTMENT OF ECOLOGY A PFP RESIDUAL CHEMICAL HAZARDS ASSESSMENT AS A PRIMARY DOCUMENT **DUE 12/31/02**
      - M83-30 **SUBMIT** TO ECOLOGY A CLOSURE PLAN AS A PRIMARY DOCUMENT FOR THE 241-Z WASTE TREATMENT FACILITY (TSD UNIT) AND GLOVEBOX HA-20MB **DUE 7/31/03**
      - M83-20 SUBMIT FACILITY TRANSITION END POINT CRITERIA DOCUMENT AS A PRIMARY DOCUMENT TO ECOLOGY PURSUANT TO AGREEMENT ACTION PLAN SECTION 8.5.3 **DUE 9/30/03**
      - M83-12 –T01 SUBMIT PFP LEGACY PU HOLDUP REMOVAL PLAN TO ECOLOGY **DUE 12/31/03**
      - M83-13 COMPLETE REPACKAGING OF PFP RESIDUES AND SHIPMENT TO CENTRAL WASTE COMPLEX **DUE 4/30/04**
      - M83-31 DISCONTINUE WASTE DISCHARGES FROM 241-Z TANKS TO TANK FARMS VIA EXISTING LINES **DUE 6/30/05**
      - M83-40 COMPLETE TRANSITION AND DISMANTLEMENT OF THE 232-Z BLDG INCINERATOR TO SLAB-ON-GRADE (PENDING ENVIRONMENTAL DETERMINATION) **DUE 9/30/06**

3. PFP Current Status. Larry Fitch provided Plant and Milestone status. (Attachment 3)

   a. M83-13 is ahead of schedule.
   b. M83-21 (Chemical Hazards Assessment) is on schedule. A. Hopkins is Team Lead. First draft has been completed and is undergoing internal PFP review. Preliminary results of have not identified any major issues. R. Bond requested a schedule. A. Wright provided schedule during meeting.
   c. Other draft milestones are on schedule.
   d. Over 1130 kilograms of bulk Sand, Slag, and Crucible (SS&C) have been packed in 167 POCs. 130 POCs have been shipped to the Central Waste Complex (CWC). Statement of work to procure additional calorimeters is in process. Purchase is expected in early FY03. The calorimeters are required for a small amount of SS&C, as well as future feed streams.

e. DOE-HQ is evaluating the safeguard termination limit for additional mixed oxides. It was discussed how these oxides could be added to the TPA CR. A. Wright provided status on the Implementation Plan for DNFSB Recommendation 2000-1 that the plan was revised and has been issued. A copy of the plan was provided to R. Bond during the meeting. A. Wright had an action to provide language.

4. R. Bond suggested an update to the response to the Oregon DOE comment on the TPA CR is needed regarding the double contained lines within the PFP fence line. Andrea Hopkins to address this comment. Comments by Dave Bartus are being updated. Ellen Mattlin and Rick Bond are working comments provided by FH. Public Involvement staff is working on reformatting all of the comment responses into a booklet that will have a table of contents, TPA change request, and response to comments.

5. 241-Z-361 ARAR preliminary document is under DOE review. Allison Wright to provide draft schedule for submittal of the EE/CA for Tank 241-Z-361 to R. Bond.

ACTION TRACKING LIST

Action	Assignee	Date Established/ Due Date	Status
Provide R. Bond a schedule for Tank 241-Z-361 EE/CA.	A. Wright	August 18, 2002	Closed. Provided to R. Bond via email on September 11, 2002

PFP Project Managers Meeting Agenda
Federal Building/Room 248
Richland, Washington

August 21, 2002
9:00 a.m. – 11:00 a.m.

Attachment 2
Commitments/Agreements

ADMINISTRATIVE ISSUES

N/A

NEW TOPICS

1. The status of the EE/CA will be carried as an agenda item.
2. Documents associated with near term (within 1-year) milestones which will be submitted to Ecology/EPA should be added to the agenda for status.
3. Next meeting - September 18, 2002 Federal Building, Room 248, 9:00 – 11:00 a.m.
4. Jim Lilly provided a presentation of the Legacy SNM Holdup Removal. Presentation included summary of plan to manage SNM holdup and legacy materials and wastes. Holdup removal draft schedule for near term activities was provided; planned startup is in the first part of September, 2002.

Attachment 3: PLANT STATUS

PFP Current Status

Project Manager Meeting

August 21, 2002

8/21/02

Current TPA Milestones

- SS&C-- over 11295 Kg. Packed in 167 POCs
- To date-- 130 POCs shipped
- Residues Project has packed 2,010 Kg. Total.
- Residues Project remains ahead of schedule

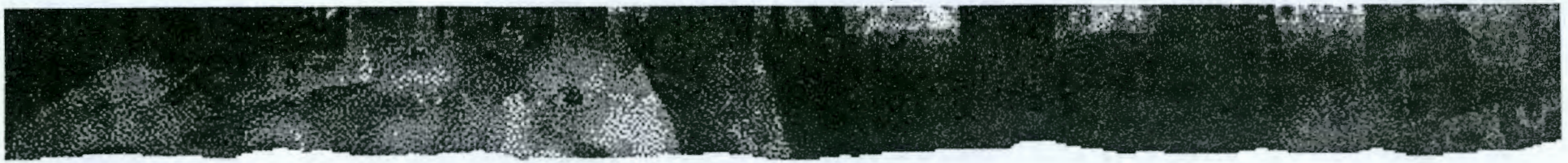
Current Activities, Residues

- DQO and characterization of oxide/mixed oxide residues underway.
  - Groupings being developed to support acceleration of schedule.
- Statement of Work for procurement of three calorimeters is being prepared. Purchase should take place in early FY'03.

Other PFP/TPA Activities

- M83-21 Chemical Hazard Assessment Report
  - Andrea Hopkins assigned as Team Lead
  - First rough draft is complete and being improved. Three drafts will be developed.
  - Will review approach with WDOE to assure success

Attachment 4: Lilly Presentation.



HANFORD'S PLUTONIUM FINISHING PLANT

Legacy SNM Holdup Removal →

→ Legacy Materials/Waste Management

August 21, 2002

Legacy SNM Holdup Removal → Legacy Materials/Waste Management

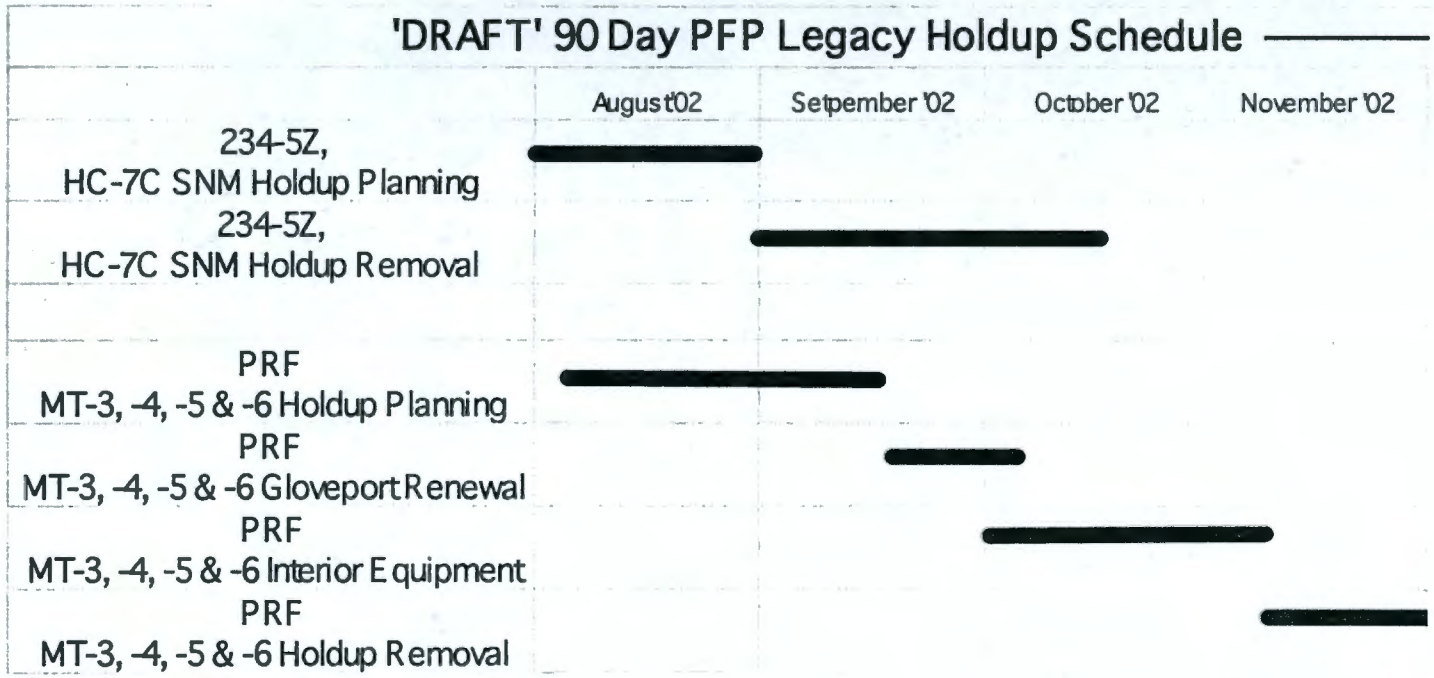
PURPOSE:

- Convey PFP plans to manage legacy SNM holdup and legacy material/waste
- Provide PFP schedule to start holdup removal in early September

ACCELERATED PFP DECOMMISSIONING PROJECT

Legacy SNM Holdup Removal

Legacy Materials/Waste Management



Legacy SNM Holdup Removal → Legacy Materials/Waste Management

Legacy SNM Holdup

Residual plutonium left in process vacuum systems, duct work, gloveboxes and hoods, process lines, and other parts of PFP facilities that must be removed to eliminate Protected Area (PA) controls

Legacy Materials/Waste

Plutonium material has been removed from its 'holdup' location

Residual Contamination

Residual plutonium throughout PFP following legacy holdup removal

Legacy SNM Holdup Removal → Legacy Materials/Waste Management

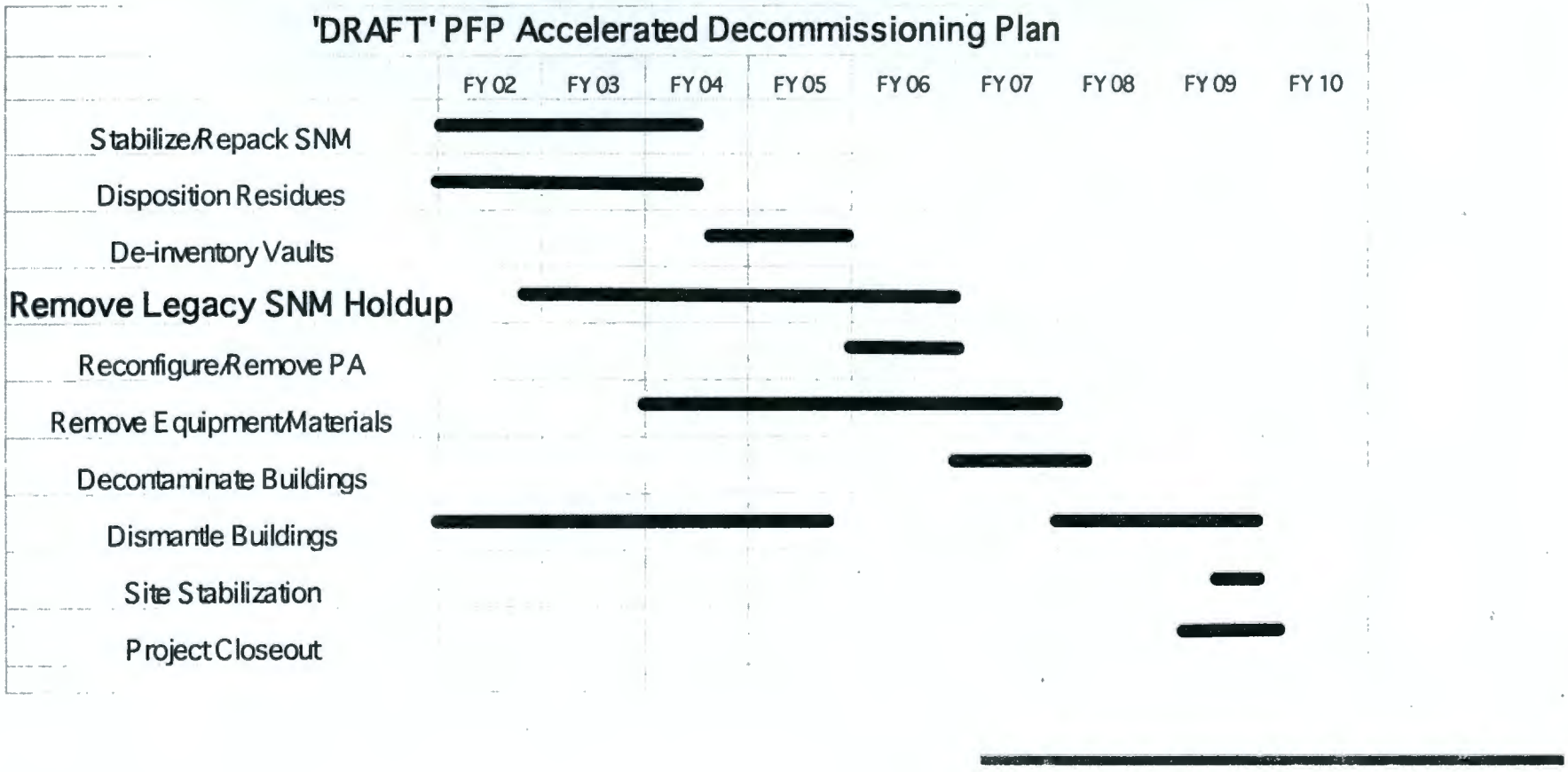
Accelerated PFP Decommissioning & Dismantlement

Key Dates

- Complete Pu Stabilization by May 2004
- Complete SNM De-inventory of PFP by September 2005
- Complete Legacy Holdup Removal & Disposition By September 2006 (draft TPA Milestone)
- Complete PFP Slab-on-Grade by 2009

ACCELERATED PFP DECOMMISSIONING PROJECT

Legacy SNM Holdup Removal → Legacy Materials/Waste Management



Legacy SNM Holdup Removal → Legacy Materials/Waste Management

OBJECTIVE: To remove sufficient quantities of residual plutonium (legacy SNM holdup) to facilitate a reduction or reduction of the Protective Area (PA), FH estimates

~50 to 60Kg -Legacy SNM Holdup

<less>

~30 to 40 Kg -Targeted for Legacy Holdup removal to meet security thresholds and PA reduction

~20 to 30Kg -Remaining material to be removed during decontamination,equipment removal and building dismantlement

Legacy SNM Holdup Removal → Legacy Materials/Waste Management

FH estimates the following volume:

~30 to 40 Kg of Legacy Materials/Waste

Will yield approximately

15 to 20 -- DOE-STD-3013 Containers

300 to 400 -- Pipe Overpack Containers

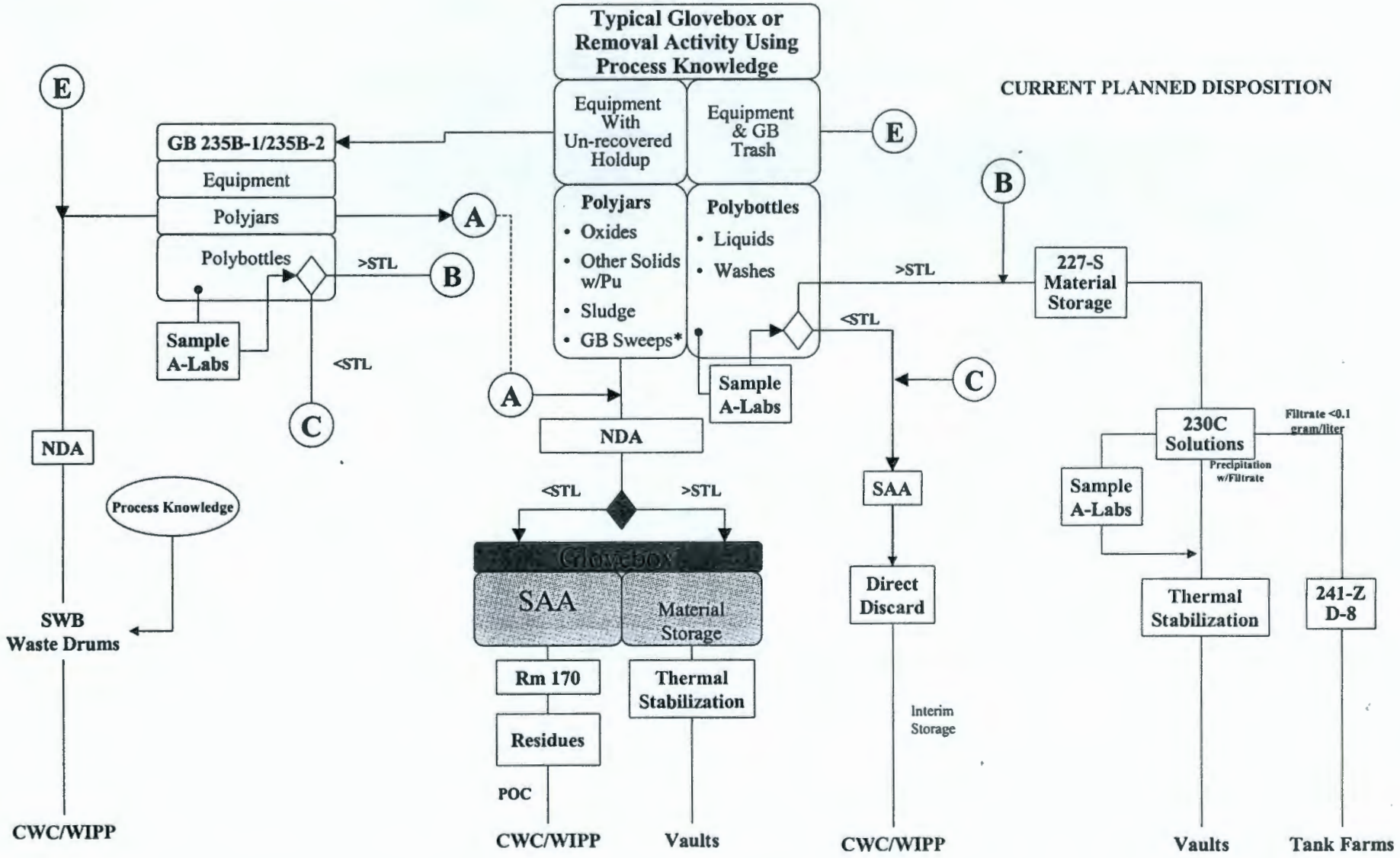
300 to 600 -- 55 gal. WIPP Waste Barrels

5 to 15 -- WIPP Standard Waste Boxes

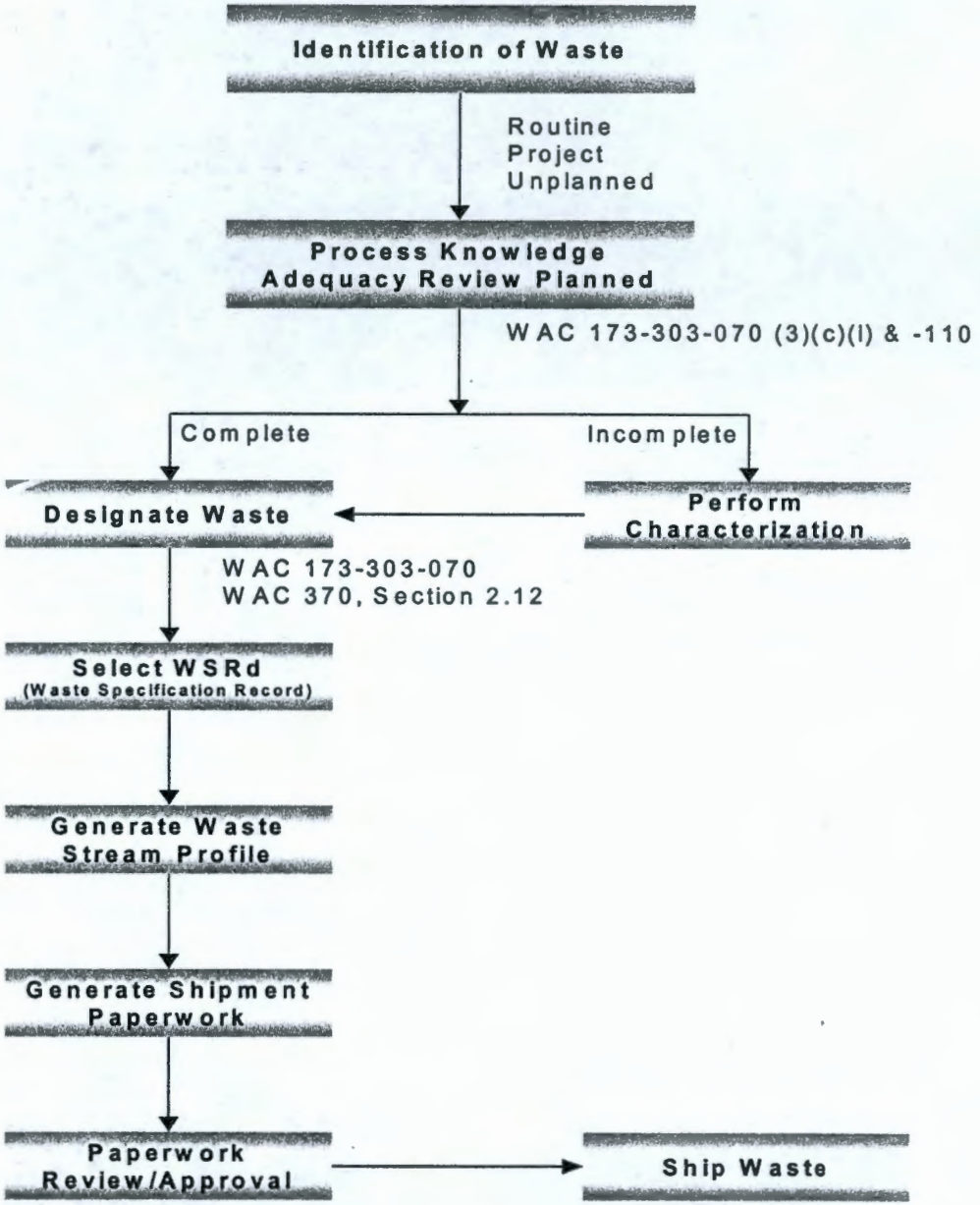
Legacy SNM Holdup Removal → Legacy Materials/Waste Management

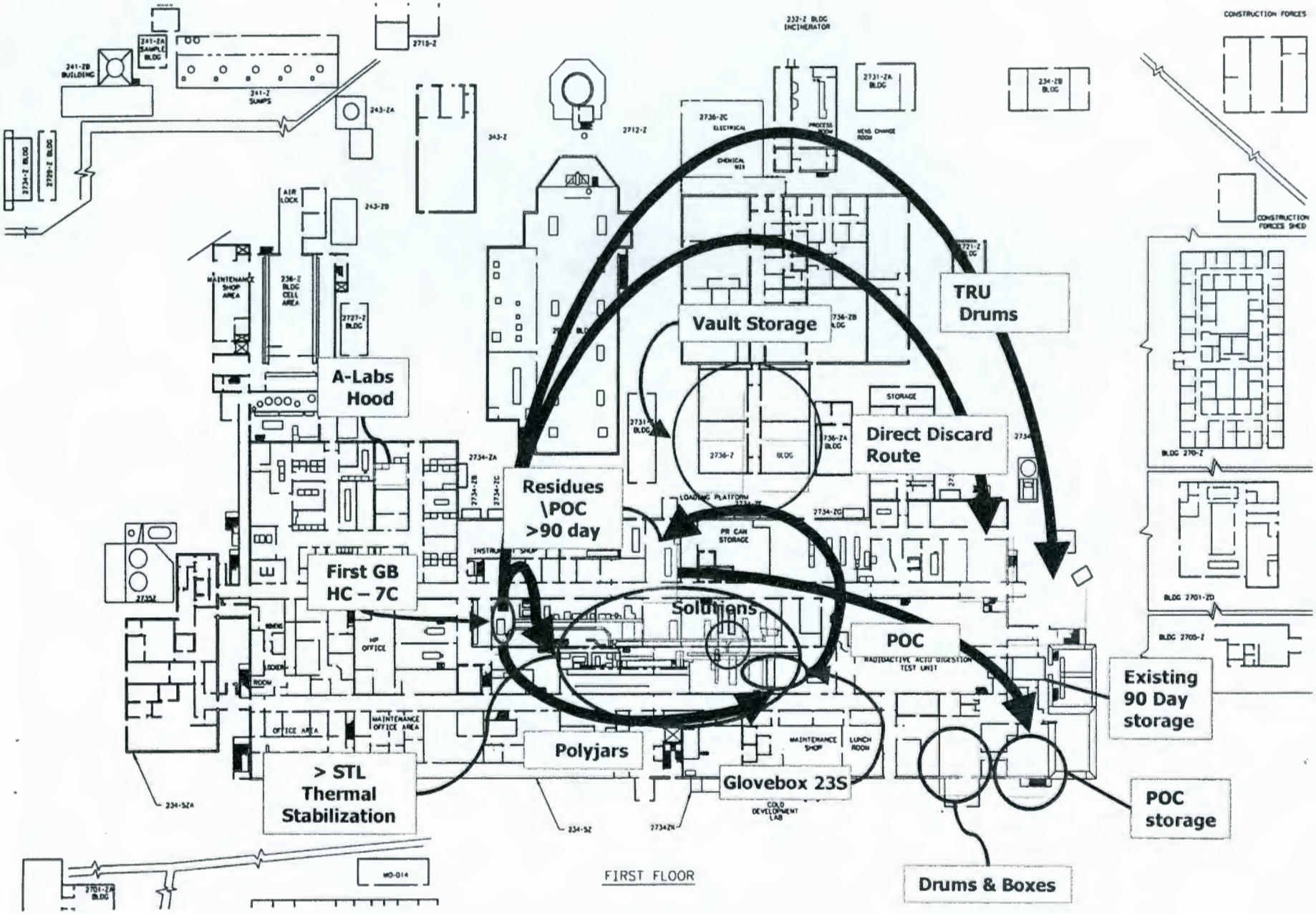
During Legacy SNM Holdup removal, PFP will:

- Use established PFP work package systems for removal based upon
  - Facility Experience
  - Comprehensive Hazard Analysis
  - Industrial Safety, Hygiene and Environmental Input & Approvals
- Use established PFP material and waste handling processes (example: stabilization, residues, etc.)
- Use established PFP SNM material transport, waste handling and accountability procedures
- Use waste accumulation areas and potentially request approval for 'greater than 90 day storage'


Typical Glovebox or Removal Activity Using Process Knowledge
CURRENT PLANNED DISPOSITION
Equipment With Un-recovered Holdup
Equipment & GB Trash
E
GB 235B-1/235B-2
Equipment
Polyjars
Polybottles
A
B
>STL
<STL
C
Sample A-Labs
Polyjars
• Oxides
• Other Solids w/Pu
• Sludge
• GB Sweeps*
Polybottles
• Liquids
• Washes
227-S Material Storage
NDA
Process Knowledge
SWB Waste Drums
CWC/WIPP
Glovebox
SAA
Material Storage
Rm 170
Residues
POC
Thermal Stabilization
Vaults
Direct Discard
Interim Storage
SAA
230C Solutions
Filtrate <0.1 gram/liter
Precipitation w/Filtrate
Thermal Stabilization
241-Z D-8
Tank Farms

Summary of PFP Waste Processing




TRU Drums
Vault Storage
A-Labs Hood
Direct Discard Route
Residues \POC >90 day
First GB HC – 7C
Solutions
POC
Existing 90 Day storage
Polyjars
> STL Thermal Stabilization
Glovebox 23S
POC storage
Drums & Boxes
FIRST FLOOR

Legacy SNM Holdup Removal → Legacy Materials/Waste Management

In conclusion, the removal of sufficient quantities of residual plutonium holdup will:

Reduce/Eliminate Safeguards & Security PA

Reduce criticality risk (accident potential) to the worker

Reduce dose to workers performing follow-on Decommissioning and Dismantlement activities

PFP Project Managers Meeting Agenda
Federal Building/Room 248
Richland, Washington

August 21, 2002
9:00 a.m. – 11:00 a.m.

Attachment 5
Attendance List

Meeting Title: PFP Project Managers Meeting

Date: August 21, 2002

Original included in hard copy

Name	Company	Phone Number
Rick Bond	Ecology	736-3007
Larry Romine	DOE/PTD	376-4747
Andrea M. Hopkins	FH	373-5395
Rob E. Piippo	FH/TPA	373-3285
Allison Wright	DOE/PTD	373-7303
Oliver Wang	Ecology	736-3040
Larry Fitch	FH/PFP	376-7536
Scott Ritts	FH/TPA	373-5372
Ellen Mattlin	DOE/RCA	376-2385
Connie Simiele	**FH**	**373-1519**
F. D. Beard	**DOE**	**376-6630**
G. R. Konzek	**DOE-RL/SES**	**376-8399**
Dave Bartus	**EPA**	**736-5704**
Jim Lilly	**FFS**	**373-3329**

Persons in listed in bold print were present for the Jim Lilly presentation only and not for the preceding meeting.

8/21/02

8/21/02

PFP PMM

Attendee Roster

	Name	Org.	Phone
1	Scott Ritts	FH/TPA	373-5372
2	Ellen Mattlin	DOE-RL-RCA	376-2385
3	ROB PHILLIPS	FH/TOA	373-3285
4	Oliver Wang	Ecology	736-3040
5	Rick Bond	Ecology	736-3007
6	Larry Romine	DOE	376-4747
7	Allison Wright	DOE	373-7303
8	L.R. Fitch	FH/PFP	376-7536
9	Andrea Hopkins	FH	531-9721