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Final

Meeting Minutes Transmittal/Approval
Unit Manager's Meeting: 300-FF-1 Operable Unit
Room 1200, 2440 Stevens Center Place, Richland, Washington
February 16, 1995

FROM/APPROVAL:

Robert G. McLeod Date Mar. 16, 1995
Robert G. McLeod, 300-FF-1 Unit Manager, RL (H4-83)

APPROVAL:

David R. Einan Date 16 Mar 95
David R. Einan, 300-FF-1 Unit Manager, EPA (B5-01)

APPROVAL:

Ted A. Wooley Date 3/16/95
Ted Wooley, 300-FF-1 Unit Manager, WA Department of Ecology

Meeting Minutes are attached. Minutes are comprised of the following:

- Attachment #1 - Meeting Summary/Summary of Commitments and Agreements
- Attachment #2 - Attendance List for 300 Areas
- Attachment #3 - Agenda
- Attachment #4 - Action Items Status List
- Attachment #5 - 300 Area Unit Managers Meeting
- Attachment #6 - Schedules for the 300-FF-1 OU, 300-FF-5 OU, and 300 Area Process Trenches 1/6
- Attachment #7 - Concluding the 300-FF-1 Phase III Feasibility Study 1/26



PREPARED BY:

Kay Kimmel Date 3/16/95
Kay Kimmel, GSSC (B1-42)

CONCURRENCE BY:

Richard A. Carlson Date 3/16/95
Richard A. Carlson, BHI 300-FF-1 OU Coordinator (H6-01)e
H6-03 m

Attachment #1
Meeting Summary
Unit Manager's Meeting: 300-FF-1 Operable Unit
February 16, 1995

1. SIGNING OF THE JANUARY 300-FF-1 MEETING MINUTES:

January minutes were reviewed and approved.

2. ACTION ITEM UPDATE (See Attachment #4):

No open action items.

3. NEW ACTION ITEMS (INITIATED February 16, 1995):

No new action items were initiated.

4. STATUS OF RI/FS ACTIVITIES: Rich Carlson provided the Operable Unit status (see Attachments #5 and #6).

- Phase III Feasibility Study (FS) Report - Rich Carlson provided a copy of the overheads used in the January 26, 1995 presentation on the changes made in the latest revision of the Phase III FS report (Attachment #7). Dave Einan indicated EPA comments will be submitted on February 17, 1995. Ted Wooley noted that Doug Wells, of the Department of Health, had additional parameters to be used in the RESRAD model. Bob McLeod requested the parameter changes before rerunning the model.
- Proposed Plan - R. Carlson noted the Proposed Plan is currently undergoing technical editing efforts.

5. INFORMATION ITEMS:

- 300 Area Process Trenches (APT) Closure Plan - T. Wooley noted he had the complete Notice of Deficiency responses, except for the information to be supplied by Jeff Lerch. He noted internal discussions on groundwater protection were being held and that these should be resolved in the near future. R. Carlson noted that comments are due 06 March 1995.
- 300 APT Part A Permit - R. Carlson noted that vanadium pentoxide and formic acid were not disposed at the 300APT, therefore no modification of the Part A Permit will be required to include these chemicals.
- Next CERCLA Unit Manager Meeting - The next meetings are scheduled for:

March 16, 1995
April 19, 1995
May 18, 1995
June 22, 1995

July 20, 1995
August 23, 1995
September 21, 1995

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Meeting Agenda

Unit Manager's Meeting: 300-FF-1 Operable Unit
February 16, 1995

- o Action Items
- o Phase III FS Report
- o Proposed Plan
- o 300 Area Process Trenches Closure Plan
- o Forecasted and Other Activities

Attachment #4

Action Item Status List

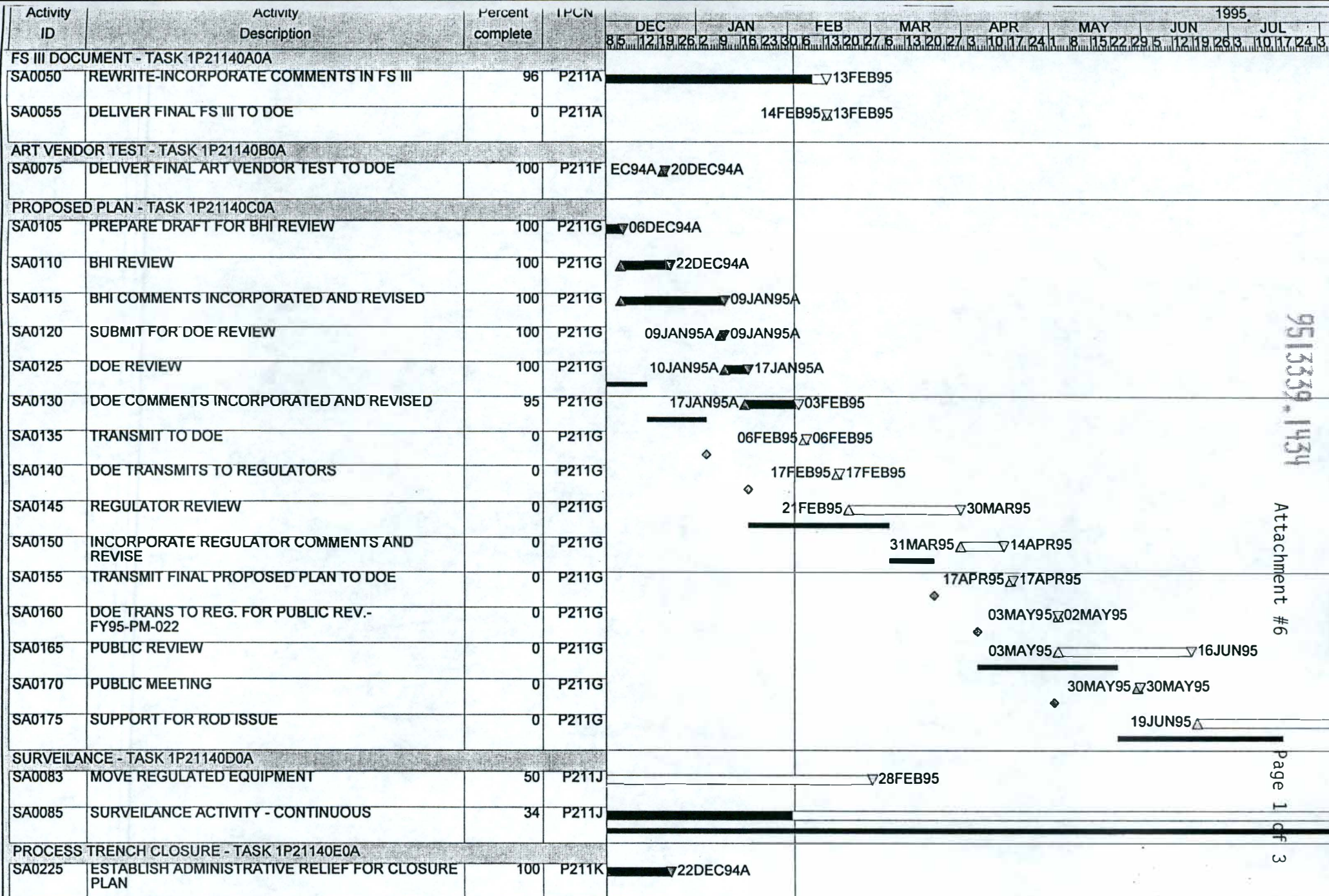
**Unit Manager's Meeting: 300-FF-1 Operable Unit
February 16, 1995**

ITEM NO.	ACTION	STATUS
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No action items.

Unit Manager's Meeting: 300-FF-1 Operable Unit
February 16, 1995

1. Action Items
 - o Currently no open action items
2. Phase III FS Report
 - o DOE/Regulator Briefing on Redline Changes (Presentation Attached)
 - o Redline of Key Revised Sections Submitted for DOE/Regulatory Review
 - o Schedule
3. Proposed Plan
 - o DOE Comments Received, Incorporated, Redline in DOE review
 - o Schedule
4. 300 Area Process Trenches Closure Plan
 - o NOD Response Table Submitted to DOE for DOE/Regulator Review
 - o Document Redline Submitted to DOE for DOE/Regulator Review
 - o Contained-In Memo; DOE/WHC comments being incorporated
 - o Schedule
5. Forecasted and Other Activities
 - o Public Review Process
 - o Remedial Design



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Attachment #6

Page 1 of 3

Project Start 01JUL94
Project Finish 11FEB98
Data Date 03FEB95
Plot Date 06FEB95

△ Early Bar
▽ Target Bar
▴ Progress Bar
▬ Critical Activity

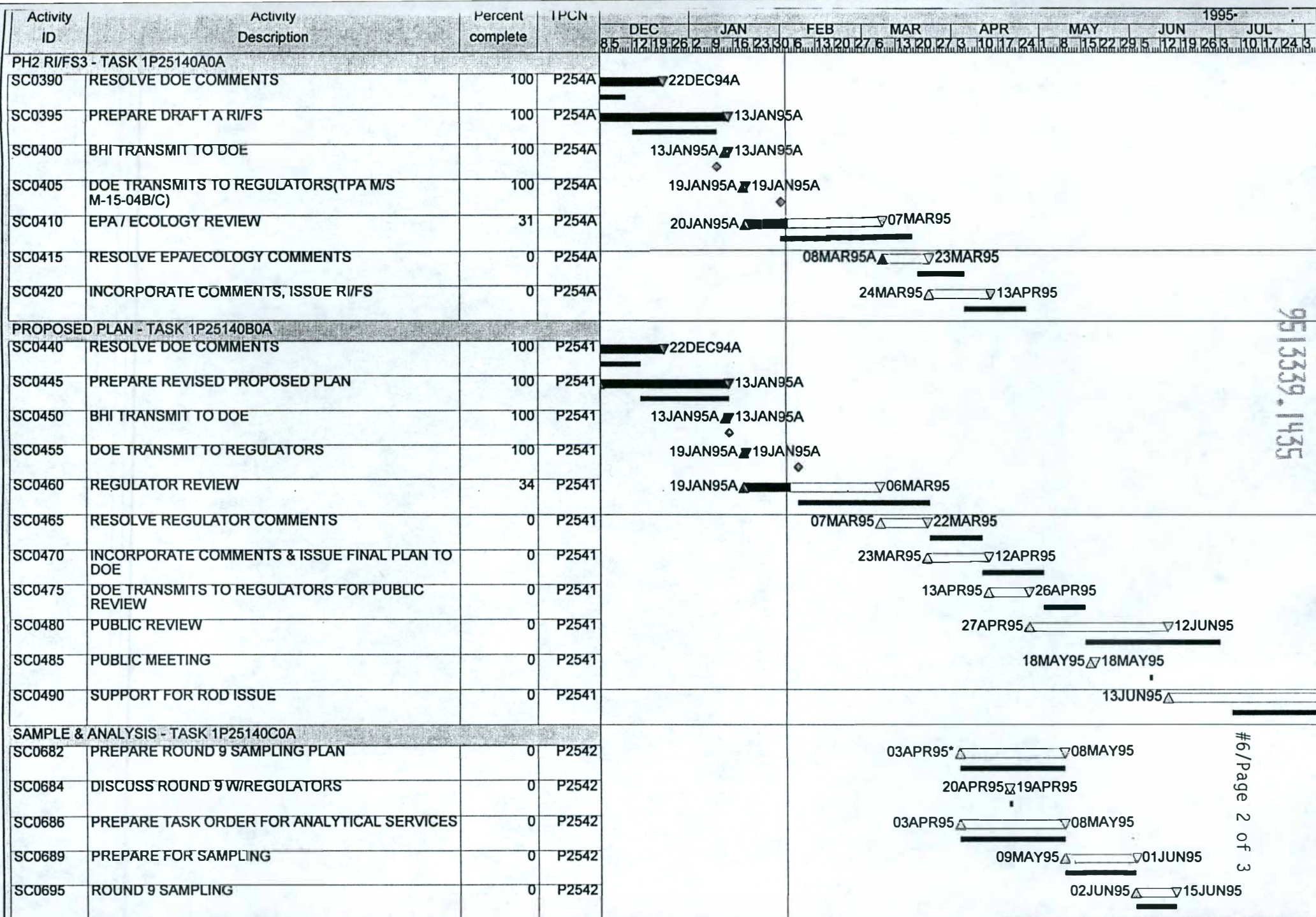
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BECHTEL HANFORD INCORPORATED
ENVIRONMENTAL RESTORATION PROJECT
300-FF-1 OPERABLE UNIT

Sheet 1 of 2

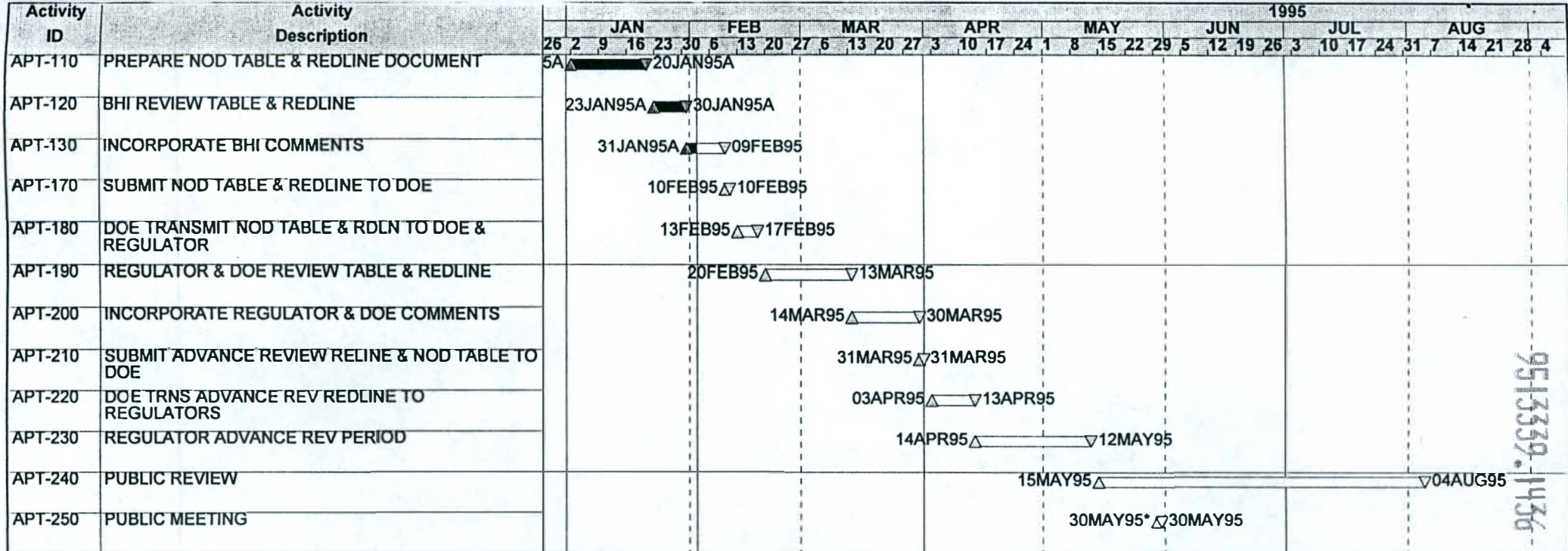
3300-95-002 Rev 9

Date	Revision	Checked	Approved
1/6/95	ISSUED		



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#6/ Page 2 of 3



9513339-1436

Project Start	04JAN95		Early Bar
Project Finish	04AUG95		Progress Bar
Date Date	03FEB95		Critical Activity
Plot Date	04FEB95		

4APT

Bechtel Hanford Incorporated
 300 Area Process Trench Schedule
 Subproject Schedule

Sheet 1 of 1		3300-95-006 Rev. 2	
Date	Revision	Checked	Approved
1/10/95	1554460	RL	

Concluding the 300-FF-1 Phase III Feasibility Study

Richard A. Carlson
January 26, 1995

Bechtel Hanford, Inc.

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A review of where the Feasibility Study has been
and where it needs to go:

- Status of document
- Changes from the redline
- Changes from internal reviews
- Conclusions
- Recommendations

Status of Document

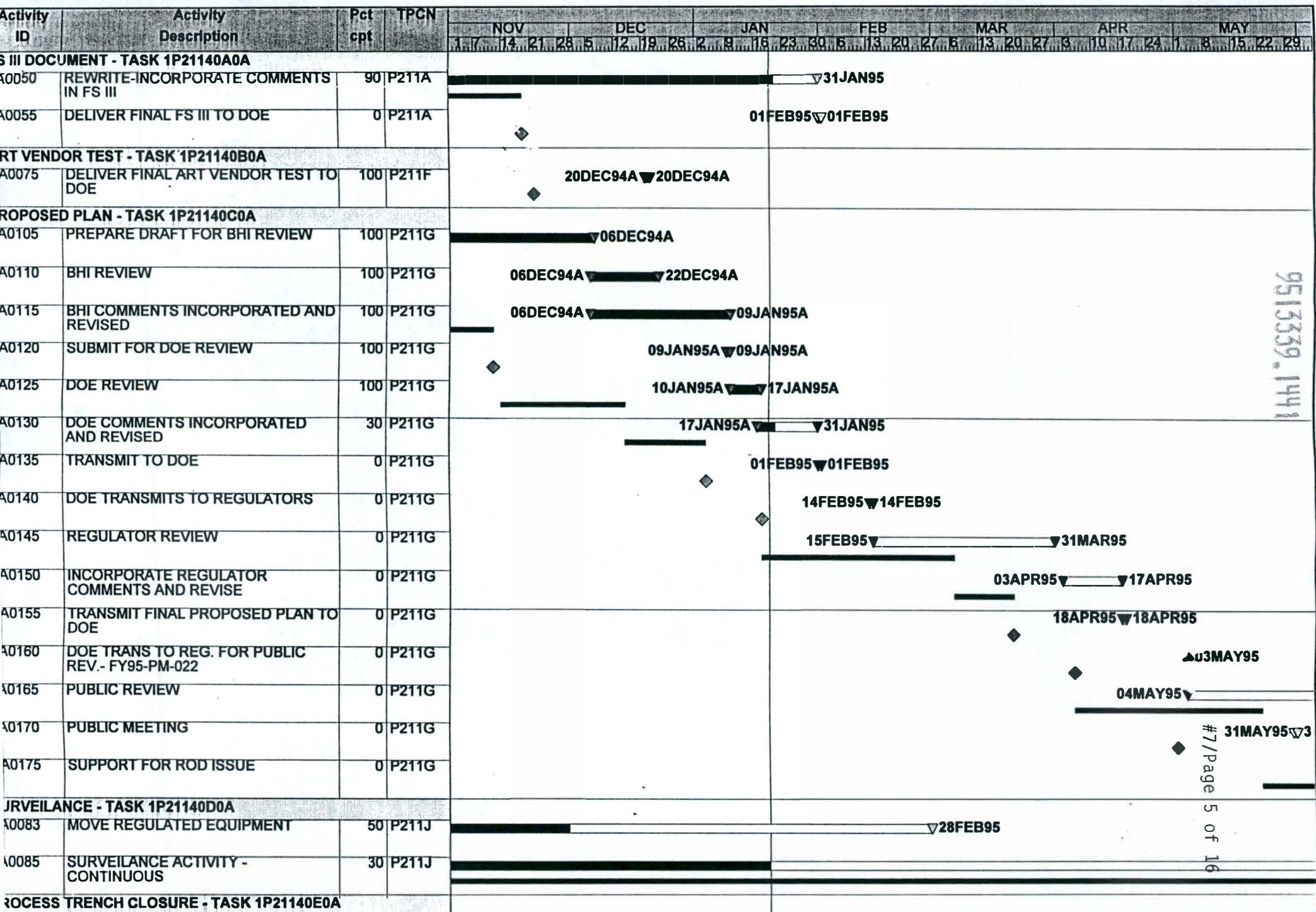
This is where the document is at:

- The schedule is becoming critical
- Reviewed by DOE/EPA/Ecology
- Redline comments addressed (finalizing Appendix G)
- FF-1/FF-5 consistency review complete
- This briefing will bring everyone up to speed

Schedule

The FS is behind schedule with Project Impacts Pending.

- Integrated public review of FF-1/FF-5 and the 300 APT/CP is driving the schedule.
- Regulator review of the Proposed Plan will slip day by day starting February 1.
- Public review of the Proposed Plan will slip day by day starting February 10.



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#7/ Page 5 of 16

Project Start 01APR94
 Project Finish 25FEB98
 Start Date 20JAN95
 End Date 25JAN95

☐ Early Bar
☐ Late Bar
☐ Progress Bar
☐ Critical Activity

BILL

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 ENVIRONMENTAL RESTORATION PROJECT
 300.FE-1 OPERABLE UNIT

Sheet 1A of 28

3300-95-002 Rev 7

Date	Revision	Checked	Approved

Changes from Redline

These are the significant redline changes:

- Hydrogeology Section revised to be consistent with 300-FF-5
- “Contained-in” wording added
- Removed rail transport, added trucks
- Removal of ERDF details
- NRDA added
- Appendix G revised

Appendix G Revisions

Appendix G, revisions conclude no future unacceptable impacts to groundwater.

■ Qualitative Evaluation of Parameters:

- Hydraulic head
- Net recharge
- Current groundwater quality
- Depth to groundwater
- Characteristics of vadose zone

Appendix G Revisions

- Contaminant characteristics
- Other constituents that could affect mobility
- Topography
- Total contaminant load
- Volumetric groundwater flow rate
- Uncertainty of data and assumptions

Appendix G Revisions

Appendix G revisions conclude no future unacceptable impacts to groundwater.

■ RESRAD Modeling Results:

- Used DOH acceptable parameters
- Substituted key 300-FF-5 parameters
- No significant impacts from U for 800 years

Changes from Internal Reviews

BHI performed consistency reviews resulting in the following significant changes:

- Modified RCRA barrier removed
- Appendix G revised
- Some alternatives changed
- Costs of alternatives including RCRA barrier reduced

Revised Alternative Cost Estimates

- P1 No action \$1,600
- P2a Soil cover \$7,200
- P2b Consolidation and soil cover \$4,600
- P-3 Excavation and disposal \$18,600
- P-4 Excavation, soil washing, and final disposal \$21,600
- B-1 No action \$1,900
- B-2 Institutional controls \$1,900
- B-3 Consolidation and soil cover \$3,800
- B-4 Excavation and disposal \$24,200

* dollars in thousands

Changes to Alternatives

Alternative changes resulting from Appendix G conclusions:

- Two alternatives were removed
- Institutional controls for process waste units is discussed

Changes to Alternatives

Analyses of groundwater from Appendix G indicates no need for additional remediation to protect groundwater, however direct exposure must still be addressed.

■ Removed alternatives are:

- P-3b Excavation and disposal of all contaminants
- B-4b Excavation and disposal of all contaminants

Conclusions

The 300-FF-1 FS III has been reviewed, revised, and is ready for acceptance:

- The FS must be concluded to maintain the public review schedule
- DOE and regulator redline comments addressed (finalizing Appendix G)
- FF-1/FF-5 consistency review complete
- Technical editing complete on January 30, 1995

Recommendations

Recommend this briefing, coupled with limited review of select sections (if necessary), achieve document acceptance.

■ Suggested sections for limited review:

- Chapters 4, 6 and 7
- Appendices G, H and K

Recommended Schedule

This is the proposed schedule for the limited review.

- BHI issue sections for concurrent DOE/regulator review 1/31/95
- DOE/regulator review 1/31/95 to 2/6/95
- BHI revise document accordingly and issue 2/10/95

Distribution

**Unit Manager's Meeting: 300-FF-1 Operable Unit
February 16, 1995**

Robert G. McLeod	DOE-RL, ERD (H4-83)
Lisa C. Treichel	DOE-HQ (EM-442)
Chuck Cline	WDOE (Lacey)
Ted Wooley	WDOE (Kennewick)
Lynn Albin	Washington Dept. of Health
Dave Einan	EPA (B5-01)
Bill Lum	USGS
Jim Pankanin	PRC
Glenn Van Sickle	BHI (H6-05)
Rich Carlson	BHI (H6-01)
R. Scott Hajner	BHI (H4-79)
Andrea Hopkins	BHI (H4-79)
Diana Sickle	BHI (H6-27)
Alvina Goforth	BHI (H6-08)
Kay Kimmel	MAC (B1-42)
Tom Page (Please route to:)	PNL (K1-31)
Cheryl Thornhill	PNL (K1-19)
Mark Hanson	PNL (K1-51)
Steve Slate	PNL (K1-19)
Bill Stillwell	PNL (K1-30)
Ben Johnson	PNL (K1-78)

Original Sent To: ADMINISTRATIVE RECORD: 300-FF-1 OU and 300 APT
Care of EDMC, WHC (H6-08)

Please inform Kay Kimmel (946-3692), Mactec/Dames & Moore
(MSIN B1-42) of deletions or additions to the distribution list.