Radioactive Liquid Waste Disposition Critical Path Schedule Update

Presented to
Citizens Advisory Board
Waste Management Committee

March 10, 2009

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Radioactive Liquid Waste Disposition Critical Path Schedule Update

Purpose:

As requested by the Citizens Advisory Board at the January 2009 meeting, discuss the impacts of the revised Salt Waste Processing Facility (SWPF) Critical Decision 3, Construction Start approved schedule, on the Liquid Waste Disposition critical path schedule.

Overview:

– Major Program Objectives
– Critical Path Schedule and Analysis
– Timeline for System Plan Revision 15 development

Program Objectives

- Safe Storage and Management of Waste

- Meet Regulatory Milestones

- Comply with Salt Waste Determination

- Process Sludge Through Defense Waste Processing Facility (DWPF)

- Startup and Feed Salt Waste Processing Facility

- Support H-Canyon Waste Disposition from Legacy Materials Stabilization

- Minimize Radionuclides sent to Saltstone
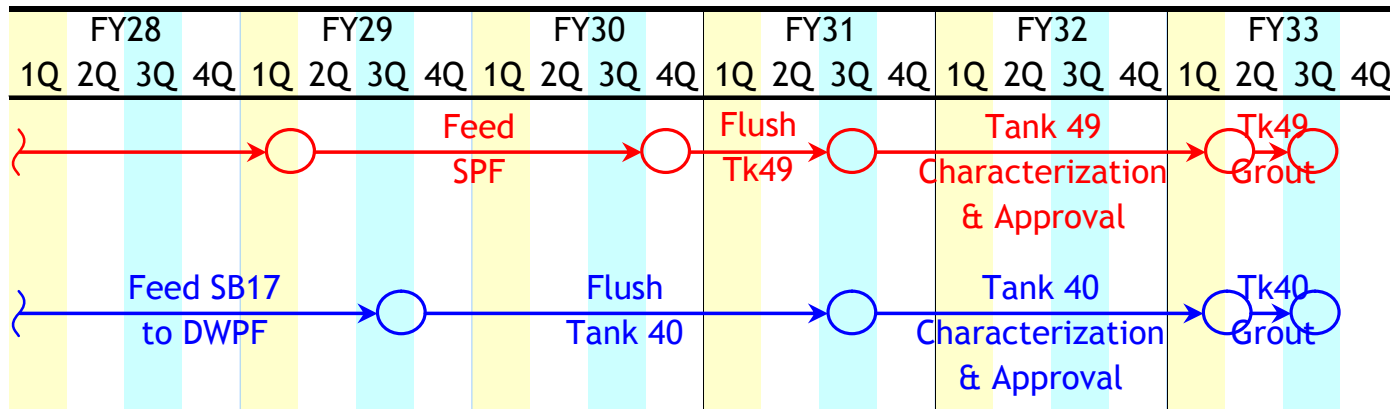
Critical Path Analysis
(System Plan Revision 14)
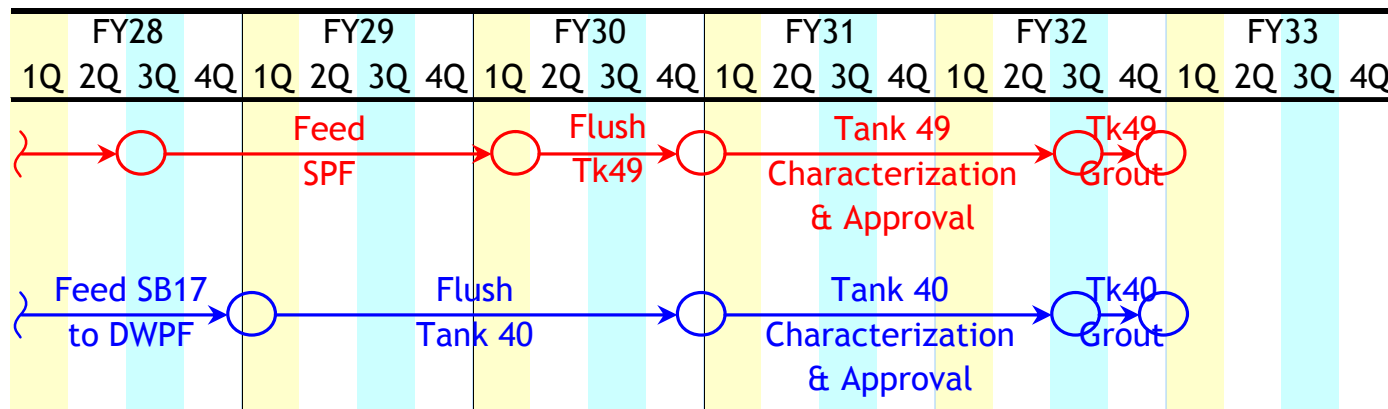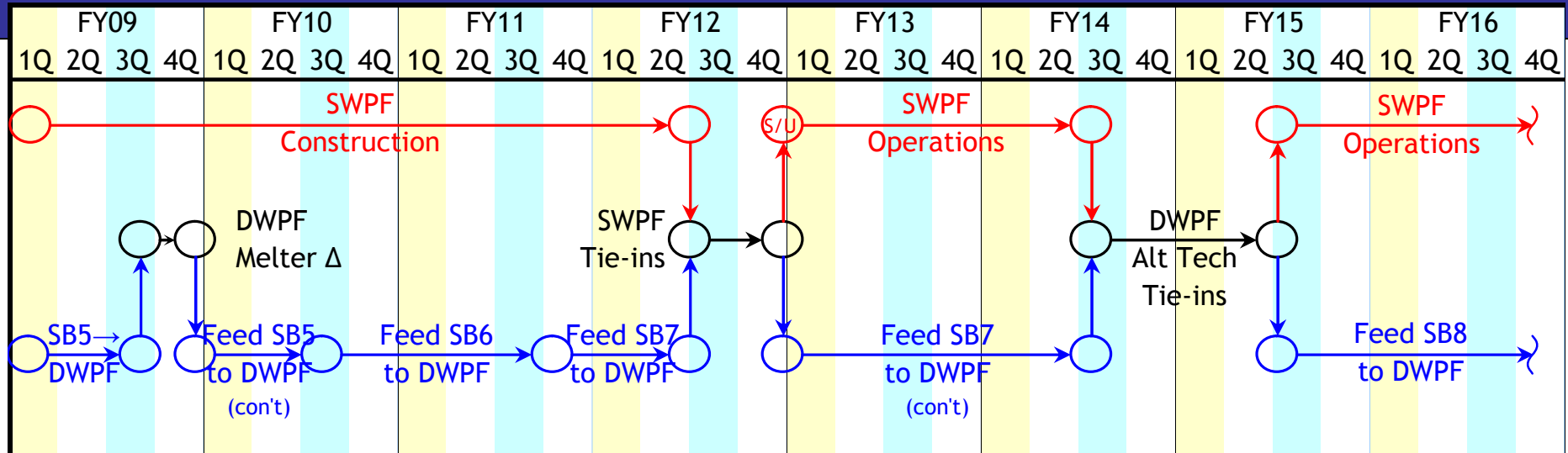
Note: From FY15– FY28
- (9) Sludge Batches fed to DWPF
- (3) DWPF Melter Change Outages
- Continued SWPF Operations except during DWPF Melter Change outages

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Critical Path Analysis
(SWPF CD3)

	FY09			FY10			FY11			FY12			FY13			FY14			FY15			FY16		
1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q

SWPF Construction

DWPF Melter Δ

SWPF Tie-ins

S/U SWPF Operations

DWPF Alt Tech Tie-ins

SWPF Operations

SB5→DWPF

Feed SB5 to DWPF (con't)

Feed SB6 to DWPF

Feed SB7 to DWPF

Feed SB7 to DWPF (con't)

Feed SB8 to DWPF

	FY28			FY29			FY30			FY31			FY32			FY33		
1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q

Feed SPF

Flush Tk49

Tank 49 Characterization & Approval

Tk49 Grout

Feed SB17 to DWPF

Flush Tank 40

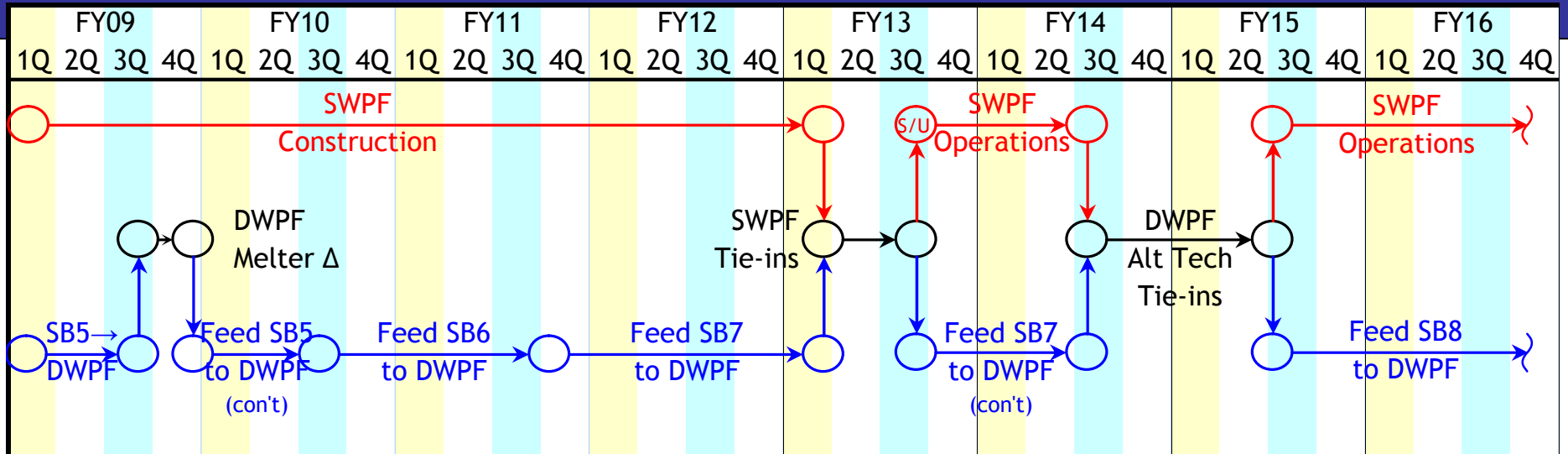Tank 40 Characterization & Approval

Tk40 Grout

Note: From FY15– FY28
- (9) Sludge Batches (SB) fed to DWPF
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- Continued SWPF Operations except during DWPF Melter Change outages

EM Environmental Management
safety ❖ performance ❖ cleanup ❖ closure

SRS

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Timeline for System Plan Revision 15

- Liquid Waste Contract transition on hold pending resolution of protest.

- Current contractor (WSRC) instructed to continue execution of Revision 14 scope

- New contractor required to produce a system plan (Revision 15) by October 1, 2009

Summary

- Integrated comprehensive planning process;

- SWPF startup on Liquid Waste Disposition critical path schedule; and

- Continue to seek opportunities for improvements in life-cycle acceleration.