

2237

K-65 WEEKLY REPORT SEPTEMBER 20, 1991

9-20-91

DOE/EPA

4

REPORT

K-65 WEEKLY REPORT

2237

September 20, 1991

Slant Borings

Grouting has been completed for Borings 1, 2, 3, 4, and 5. Demobilization activities continued this week on all Boring Locations. All analyses (RAD and HSL) are scheduled to be received on-site from the IT Laboratory and validation performed by early January 1992.

Berm Sampling

All analysis (Rad and HSL) are scheduled to be received on-site from the IT Laboratory and validation performed by mid-October 1991.

Mapping to Support Silos 1 and 2 Removal Action

Software enhancements are continuing at Oak Ridge. Mobilization activities, in preparation for baseline mapping, are on-going on-site. Installation of mapping equipment in Silo 1 is scheduled for the week of 9-23-91.

Silos 1 and 2 Removal Action

Inspection testing of the bentonite Sprayhead Assembly was performed at the vendor's facility this week. Fabrication of the bentonite handling system is continuing at the vendor's facility.

ACTIVITY ID	RPM DUR	EARLY START	EARLY FINISH	1998												1999											
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Y404151001	0	12SEP89A	28FEB90A	SILOS 1 & 2 REMOVAL ACTION																							
Y404110001	0	2NOV89A	26JUL90A	SILOS 1 & 2 STRUCTURAL ANALYSIS																							
Y404031001	0	1AUG90A	22OCT90A	SILOS 1 & 2 PATHWAYS RISK ASSESSMENT																							
Y404191001	0	3SEP90A	21JUL91A	SUBMIT SILOS 1 & 2 E/CA AND USEPA APPROVAL																							
Y404031002	0	1OCT90A	5NOV90A	DOE HQ RVM/APRV SILOS 1&2 NEPA DOCUMENT (EA)																							
Y4041121002	0	8OCT90A	14JAN91A	PREPARE SILOS 1 & 2 RA WORKPLAN																							
Y404046005	0	5NOV90A	30NOV90A	SILOS 1 & 2 INITIAL SAFETY ASSESSMENT																							
Y404051001	0	15NOV90A	6MAY91A	USEPA REVIEW/APPROVE SILOS 1 & 2 WORKPLAN																							
Y4040311001	1	31DEC90A	20SEP91	SILOS 1 & 2 TITLE I/II DESIGN																							
Y404095000	0	18FEB91A	11SEP91A	SUBMIT SILOS 1 & 2 PERMIT INFO TO OEPA																							
Y404096100	32	24APR91A	4NOV91	PREPARE/REVIEW SILOS 1 & 2 RISK ASSESSMENT RPT																							
Y404096150	0	29APR91A	30AUG91A	SILOS 1 & 2 BENTO-GROUT EQUIPMENT PROCUREMENT																							
Y404095001	0	29MAY91A	11JUN91A	PARSONS PREPARE SILOS RA FINAL SAFETY ASSESS/OSR																							
Y404121004	21	3JUN91A	18OCT91	PARSON'S PREPARE RA SAFETY ANALYSIS REPORT																							
Y404121500	21	3JUN91A	18OCT91	SILOS 1 & 2 ORR COMMITTEE REVIEW																							
Y404096300	0	1AUG91A	6SEP91A	MAINBASKET FABRICATION																							
Y404096301	0	19AUG91A	13SEP91A	FABRICATE 2ND MAINBASKET FOR MOCK-UP																							
Y404096200	49	21AUG91A	27NOV91	PROCURE/INSTALL/START-UP SILOS DLS																							
Y404096400	29	5SEP91A	18OCT91	PROCURE CCTV																							
Y404097000	50	5SEP91A	12NOV91	INSTALL BENTO-GROUT EQUIPMENT																							
Y404097001	21	19SEP91A	10OCT91	BASELINE MAPPING OF SILOS 1 & 2																							
Y404097002	3	5NOV91	7NOV91	CONDUCT TEST/TRAINING ON BENTO-GROUT EQUIPMENT																							
Y404097003	1	13NOV91	13NOV91	ORR WALK THROUGH FOR BENTO-GROUT PLACEMENT																							
Y404098000	11	14NOV91	24NOV91	MONITOR BENTO-GROUT EFFECTIVENESS IN SILOS 1&2																							
Y404097004	12	18NOV91	29NOV91	DECANT SUMP TANK REMOVAL ACTION																							
Y404099000	78	2DEC91	18MAR92	DECANT SUMP WORKPLAN DEVELOPMENT/APRV (H&S, QA)																							
Y406031001	0	21AUG90A	10OCT90A	DECANT SUMP PERFORMANCE SPEC/DESIGN																							
Y406051002	0	2OCT90A	3MAR91A	USEPA REVIEW AND APPROVE WORKPLAN																							
Y406031002	0	10OCT90A	10JAN91A	DECANT SUMP REMOVAL/CORRECTIVE ACTION																							
Y406091003	0	4MAR91A	16APR91A	DECANT SUMP ANALYSIS/TREATMENT/FINAL RPT																							
Y406141004	65	5APR91A	19DEC91	MODIFY RADON TREATMENT SYSTEM																							
Y407091001	0	19FEB91A	31MAY91A	PROCURE RTS BLOWER																							
Y407091002	0	19FEB91A	22APR91A	PROCURE RTS VALVES																							
Y407091003	0	25MAR91A	19APR91A	PROCURE ISOLATE RTS EQUIPMENT																							

Prepared by Central Planning and Inspection			
DATE	APPROVAL	DATE	APPROVAL

Sheet 1 of 3
 Date: 20SEP91
 Plot Date: 20SEP91

WESTINGHOUSE ENVIRONMENTAL MGMT CO
 INTEGRATED PROJECT SCHEDULE
 OPERABLE UNIT 4

Project Start: 18SEP89
 Project Finish: 18OCT92

Activity Not/Only Done
 Critical Activity
 Progress Bar

Prinavera Systems, Inc. (848-1001)

ACTIVITY ID	REM DUR	EARLY START	EARLY FINISH	1999												2000											
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
MODIFY RADON TREATMENT SYSTEM																											
Y407091010	0	22APR91A	2MAY91A	<input checked="" type="checkbox"/> PREPARE RTS PROCEDURES AND HEALTH & SAFETY PLAN <input checked="" type="checkbox"/> MAINTENANCE ISOLATE RADON TREATMENT SYSTEM <input checked="" type="checkbox"/> RTS CONSTRUCTION (DEMO, INSTALLATION, PREL TEST) <input checked="" type="checkbox"/> RTS CLOSE LOOP TEST <input checked="" type="checkbox"/> ORR REVIEW <input checked="" type="checkbox"/> RTS FINAL TIE-IN TO SILOS/FINAL TESTING <input checked="" type="checkbox"/> RTS ORR ACCEPTANCE <input checked="" type="checkbox"/> RTS OPERATIONAL START-UP																							
SLANT BORING SAMPLING																											
Y408095050	0	14DEC90A	14DEC90A	<input checked="" type="checkbox"/> USEPA APPROVES SLANT BORING WORK PLAN <input checked="" type="checkbox"/> MOBILIZATION FOR SLANT BORING SAMPLING <input checked="" type="checkbox"/> SLANT BORING PERMITS <input checked="" type="checkbox"/> SLANT BORING SAMPLING <input checked="" type="checkbox"/> SLANT BORING FIELD DATA VALIDATION <input checked="" type="checkbox"/> PULL AUGERS/SLANT BORING DEMOBILIZATION																							
VERTICAL BORING (BERM) SAMPLING																											
Y409095041	0	22JAN91A	7FEB91A	<input checked="" type="checkbox"/> VERTICAL BORING WORKPLAN REVIEW/APPROVE BY USEPA <input checked="" type="checkbox"/> VERTICAL BORING MOBILIZATION <input checked="" type="checkbox"/> VERTICAL BORING PERMITS <input checked="" type="checkbox"/> VERTICAL BORING EQUIPMENT PROCUREMENT <input checked="" type="checkbox"/> VERTICAL BORING SAMPLING MOCK-UP <input checked="" type="checkbox"/> FOUR VERTICAL BORINGS <input checked="" type="checkbox"/> VERTICAL BORING FIELD DATA VALIDATION <input checked="" type="checkbox"/> VERTICAL BORING DEMOBILIZATION																							
SECOND ATTEMPT - RESAMPLING K-65 RESIDUES																											
Y410091001	0	27MAR91A	22MAY91A	<input checked="" type="checkbox"/> SUBMIT SAMPLE PLAN/USEPA APPROVAL- K-65 RESAMPLE <input checked="" type="checkbox"/> RESAMPLING MOCK-UP IN SILO 4 <input checked="" type="checkbox"/> RUN RTS EVERY 48 HOURS <input checked="" type="checkbox"/> K-65 RESAMPLING																							
SURFACE MAPPING DEMONSTRATION IN SILO 4																											
Y411091001	0	7JAN91A	30MAY91A	<input checked="" type="checkbox"/> PREPARE MAPPING DEMO RISK ASSESS RPT (QA REPORT) <input checked="" type="checkbox"/> SURFACE MAPPING DEMO SAFETY ASSESSMENT REPORT <input checked="" type="checkbox"/> SURFACE MAPPING DEMONSTRATION TEST PLAN <input checked="" type="checkbox"/> SURFACE MAPPING DEMO UTILITIES SERVICE DESIGN <input checked="" type="checkbox"/> SURFACE MAPPING DEMO HARDWARE MOUNTING DESIGN <input checked="" type="checkbox"/> PROCURE SURFACE MAPPING DEMO REMOTE EQUIPMENT																							

WESTINGHOUSE ENVIRONMENTAL MGMT CO
 INTEGRATED PROJECT SCHEDULE
 OPERABLE UNIT 4

Sheet 2 of 3

Prepared by Central Planning and Integration			
Date	Revision	Checked	Approved

Date Date: 20SEP91
 Plot Date: 20SEP91

Activity not/only done
 critical activity
 Program Bar

Project Start: 18E999
 Project Finish: 10JUL92

Primavera Systems, Inc. 184c-104

ACTIVITY ID	REM DUR	EARLY START	EARLY FINISH	1992												1993												1994											
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Y411091004	0	18JUN91A	21JUN91A	SURFACE MAPPING DEMONSTRATION IN SILO 4																																			
Y411091012	0	28JUN91A	4JUL91A	LOGISTICAL PRE-TEST IN SILO 4																																			
Y411091010	0	5JUL91A	8JUL91A	ORNL LAB CHECK																																			
Y411091011	0	26JUL91A	26JUL91A	MOCK-UP/TEST MAPPING EQUIPMENT AT ORNL																																			
Y411091013	0	27JUL91A	30JUL91A	DELIVER MAPPING EQUIPMENT TO FMPC																																			
Y411091014	0	31JUL91A	2AUG91A	MAPPING SYSTEM INSTALLATION																																			
Y510091001	295	17APR91A	10JUL92	COMPLETE SILO 4 COLD TEST DEMONSTRATION																																			
				WASTE PIT STORMWATER RUNOFF REMOVAL ACTION																																			
				WASTE PIT RA ACTIVITIES IN K-65 AREA																																			

Activity Half/Early Dates
 Critical Activity
 Progress Bar

WESTINGHOUSE ENVIRONMENTAL MGMT CO
 INTEGRATED PROJECT SCHEDULE
 OPERABLE UNIT 4

Project Start: 18JUN91
 Project Finish: 10JUL92

Required by Critical Planning and Integration

Date	Revision	Checked	Approved

Sheet 3 of 3
 Data Date: 20SEP91
 Plot Date: 29SEP91