

June 21, 1995

Official copy

Tennessee Valley Authority
ATTN: Mr. Oliver D. Kingsley, Jr.
President, TVA Nuclear and
Chief Nuclear Officer
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

SUBJECT: MEETING SUMMARY - WATTS BAR - TO DISCUSS MOTOR OPERATED VALVE
PROGRAM STATUS AND THE WORK COMPLETION PLAN BETWEEN HOT FUNCTIONAL
TEST 2 AND FUEL LOADING

Gentlemen:

This letter refers to the management meeting conducted at your request at the Region II office in Atlanta, Georgia on June 19, 1995. The purpose of the meeting was to discuss with TVA, Watts Bar Motor Operated Valve Program status and the work completion plan between Hot Functional Test 2 (HFT 2) and Fuel Loading.

It is our opinion that this meeting was beneficial in that it provided us with information about your planned work before, during, and after HFT 2. The meeting also disclosed that additional discussions concerning your program for Motor Operated Valves are necessary.

In accordance with Section 2.790 of the NRCs' "Rules of Practice" Part 2, Title 10 Code of Federal Regulations, a copy of this letter and its enclosures will be placed in the Public Document Room.

Should you have any questions concerning this letter, please contact me.

Sincerely,

Original Signed By:
J. P. Jaudon

Johns P. Jaudon, Deputy Director
TVA Construction
Division of Reactor Projects

Docket Nos. 50-390, 50-391
License Nos. CPPR-91, CPPR-92

Enclosures: 1. List of Attendees
2. Presentation Summary

cc w/encls: (See page 2)

9507110042 950621
PDR ADOCK 05000390
A PDR

100009

IFUS

TVA

2

cc w/encls:

Mr. O. J. Zeringue
Senior Vice President
Nuclear Operations
Tennessee Valley Authority
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Chattanooga, TN 37402-2801

Dr. Mark O. Medford, Vice Pres.
Engineering & Technical Services
Tennessee Valley Authority
3B Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Mr. D. E. Nunn, Vice Pres.
New Plant Completion
Tennessee Valley Authority
3B Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Mr. J. A. Scalice, Site Vice Pres.
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Tennessee Valley Authority
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General Counsel
Tennessee Valley Authority
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Mr. P. P. Carrier, Manager
Corporate Licensing
4G Blue Ridge
1101 Market Street
Chattanooga, TN 37402-2801

Mr. Beth Zilbert, Energy
Campaigner
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Mr. Bruce S. Schofield
Site Licensing Manager
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Rockville, MD 20852

The Honorable Robert Aikman
County Executive
Rhea County Courthouse
Dayton, TN 37381

The Honorable Garland Lanksford
County Executive
Meigs County Courthouse
Decatur, TN 37322

Mr. M. H. Mobley, Director
Division of Radiological Health
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Danielle Droitsch
Energy Project
The Foundation for Global
Sustainability
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Knoxville, TN 37901

Ms. Ann Harris
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Mr. James P. Riccio
Public Citizen
4340 Georgetown Square, #612
Atlanta, GA 30338

Distribution w/encls: (See page 3)

TVA

3

Distribution w/encls:

S. D. Ebnetter, ORA/RII
 E. W. Merschoff, DRP/RII
 A. F. Gibson, DRS/RII
 J. P. Stohr, DRSS/RII
 F. J. Hebdon, NRR
 A. P. Hodgdon, OGC
 B. K. Keeling, GPA/CA
 G. M. Tracy, OEDO
 P. S. Tam, NRR
 G. A. Hallstrom, RII
 NRC Document Control Desk

U.S. Nuclear Regulatory Commission
 Watts Bar Nuclear Plant
 1260 Nuclear Plant Road
 Spring City, TN 37381

SEND TO PUBLIC DOCUMENT ROOM?						
			YES	NO		
OFFICE	DRP/RII	DRP/RII	DRS/RII	DRS/RII		
SIGNATURE	<i>Pat</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>EGH</i>		
NAME	PTaylorPvyg	PFredrickson	CCasto	EGirard		
DATE	08/20/95	08/21/95	08/20/95	08/20/95	08 / / 95	08 / / 95
COPY?	(YES) NO	YES NO	YES NO	YES (NO)	YES NO	YES NO

OFFICIAL RECORD COPY

DOCUMENT NAME: G:\SEC4B\MTG-SUM.619

LIST OF ATTENDEES

<u>Name</u>	<u>Title</u>
<u>NRC Staff</u>	
S. Ebnetter* #	Regional Administrator, Region II (RII)
J. Jaudon* #	Deputy Director, Division of Reactor Projects (DRP), RII
P. Fredrickson* #	Chief, Construction Branch, DRP, RII
P. Vandoorn* #	Senior Resident Inspector, Operations, DRP, RII
G. Walton* #	Senior Resident Inspector, Construction, DRP, RII
P. Tam* #	Senior Project Manager, Project Directorate, (PD) II-4, Office of Nuclear Reactor Regulation (NRR)
T. Scarbrough*	Senior Mechanical Engineer, Mechanical Engineering Branch, NRR
R. Wessman*	Chief, Mechanical Engineering Branch, NRR
C. Casto*	Chief, Engineering Branch, (EB), Division Reactor Safety, (DRS), RII
E. Girard*	Reactor Inspector, Test Program Section, EB, DRS, RII
G. Kuzo* #	Senior Radiation Specialist, DRP, RII
M. Bugg* #	Project Engineer, PD, II-3, NRR

TVA Staff

O. Zeringue* #	Senior Vice President, Nuclear Operations
J. Scalice* #	Vice President, Watts Bar Site (WB)
R. Baron* #	Acting Manager, Site Nuclear Assurance and Licensing
R. Purcell* #	Plant Manager, WB
P. Pace* #	Manager, Compliance Licensing, WB
H. Smith* #	Motor Operated Valve Engineer, WB
L. Hartley* #	Maintenance Rule Coordinator, WB

OTHERS

S. Keisling*	Evaluator, Government Accountability Office
J. Riccio* #	Attorney, Public Citizen

* Attended the Motor Operated Valve Program Presentation

Attended the Work Completion Plan Between HFT 2 and Fuel Loading Presentation

NRC/TVA
MANAGEMENT MEETING

JUNE 19, 1995

AGENDA

JUNE 19, 1995

- | | |
|---|-------------|
| I. INTRODUCTION | J. SCALICE |
| II. GENERIC LETTER 89-10 IMPLEMENTATION | R. PURCELL |
| III. PRE/POST HFT2 WORK | J. SCALICE |
| IV. CLOSING REMARKS | O. ZERINGUE |

I. INTRODUCTION

J. SCALICE

II. GENERIC LETTER 89-10 IMPLEMENTATION

R. PURCELL

GENERIC LETTER 89-10
MOTOR-OPERATED-VALVES

OVERVIEW

- GL 89-10 PROGRAM TO BE FULLY IMPLEMENTED BEFORE FUEL LOAD
- SCHEDULE FOR PROGRAM COMPLETION IS 8/15/95
- GL 89-10 TOTAL POPULATION OF VALVES IS 129
(6 VALVES BEING CONSIDERED FOR DELETION - NON ACTIVE)
 - 96 VALVES HAVE BEEN dp TESTED AND RECONCILED
 - 13 VALVES REMAIN FOR dp TESTING
 - 6 VALVES TO BE TESTED BEFORE HFT2
 - 7 VALVES TO BE TESTED DURING HFT2
 - 20 BUTTERFLY VALVE SETTINGS BASED ON SIMILAR VALVE TEST (NO MOVATS TEST REQUIRED)

GENERIC LETTER 89-10
MOTOR-OPERATED-VALVES

OPEN ITEMS

BY AUGUST 15, 1995, ALL CALCULATIONS AND TESTING WILL BE COMPLETED INCLUDING THE FOLLOWING

RECONCILIATION CALCULATIONS

- REVIEW OF MOVs IN EOPs/AOIs
- MARGIN CALCULATIONS
- VALIDATION OF STEM FRICTION COEFFICIENT & VALVE FACTORS

PROGRAMMATIC ACTIONS

- PERIODIC VERIFICATION PLAN
- TRENDING PROGRAM
- POST MAINTENANCE TESTING CRITERIA
- UPDATE SITE GL 89-10 PROGRAM
- MAINTENANCE INSTRUCTION FOR MOVATS TESTING REVISION (COMPLETED)
- PROCESS FOR EVALUATION DURING OPERATIONS

GENERIC LETTER 89-10
MOTOR-OPERATED-VALVES

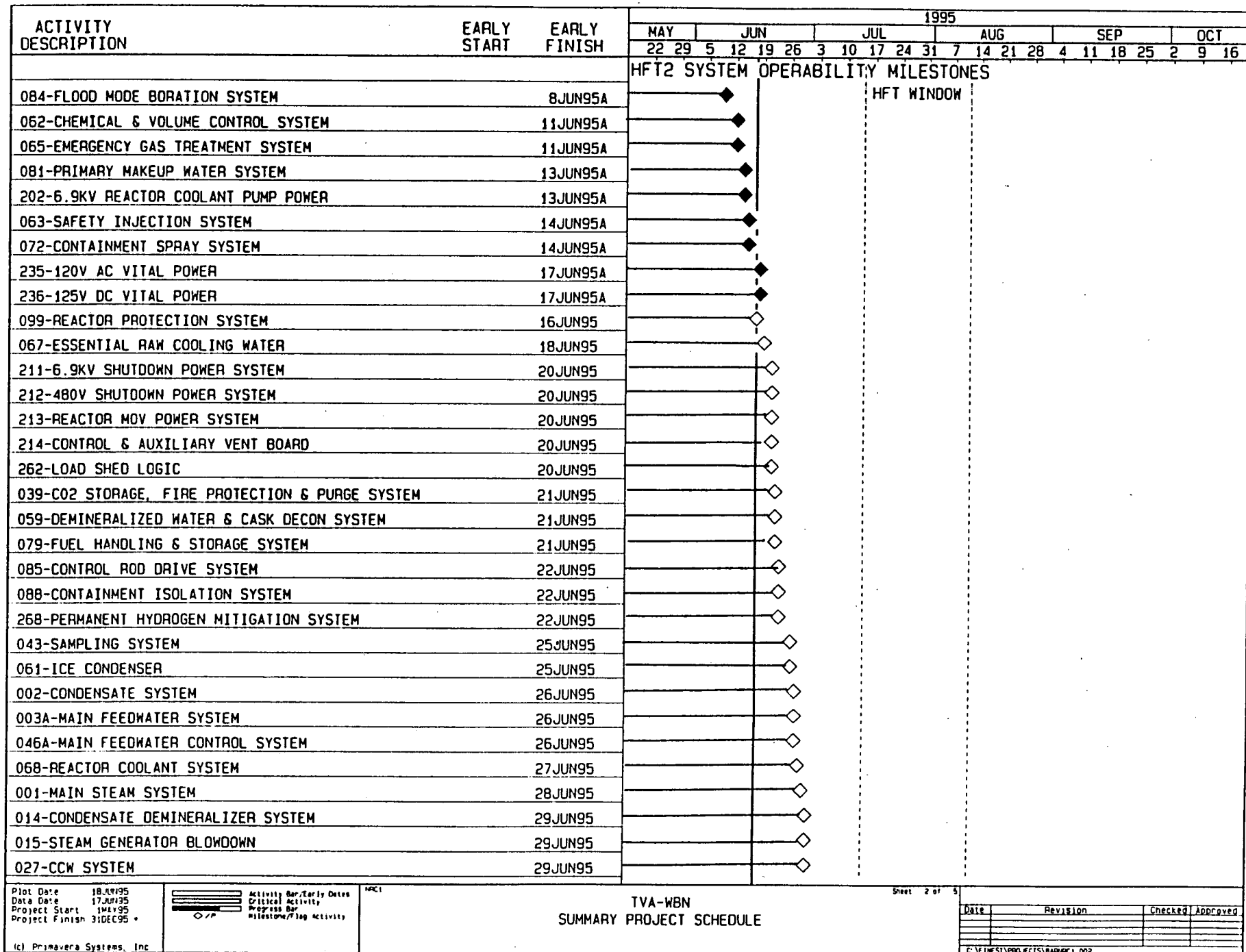
PRESSURE LOCKING AND THERMAL BINDING OF GATE VALVES

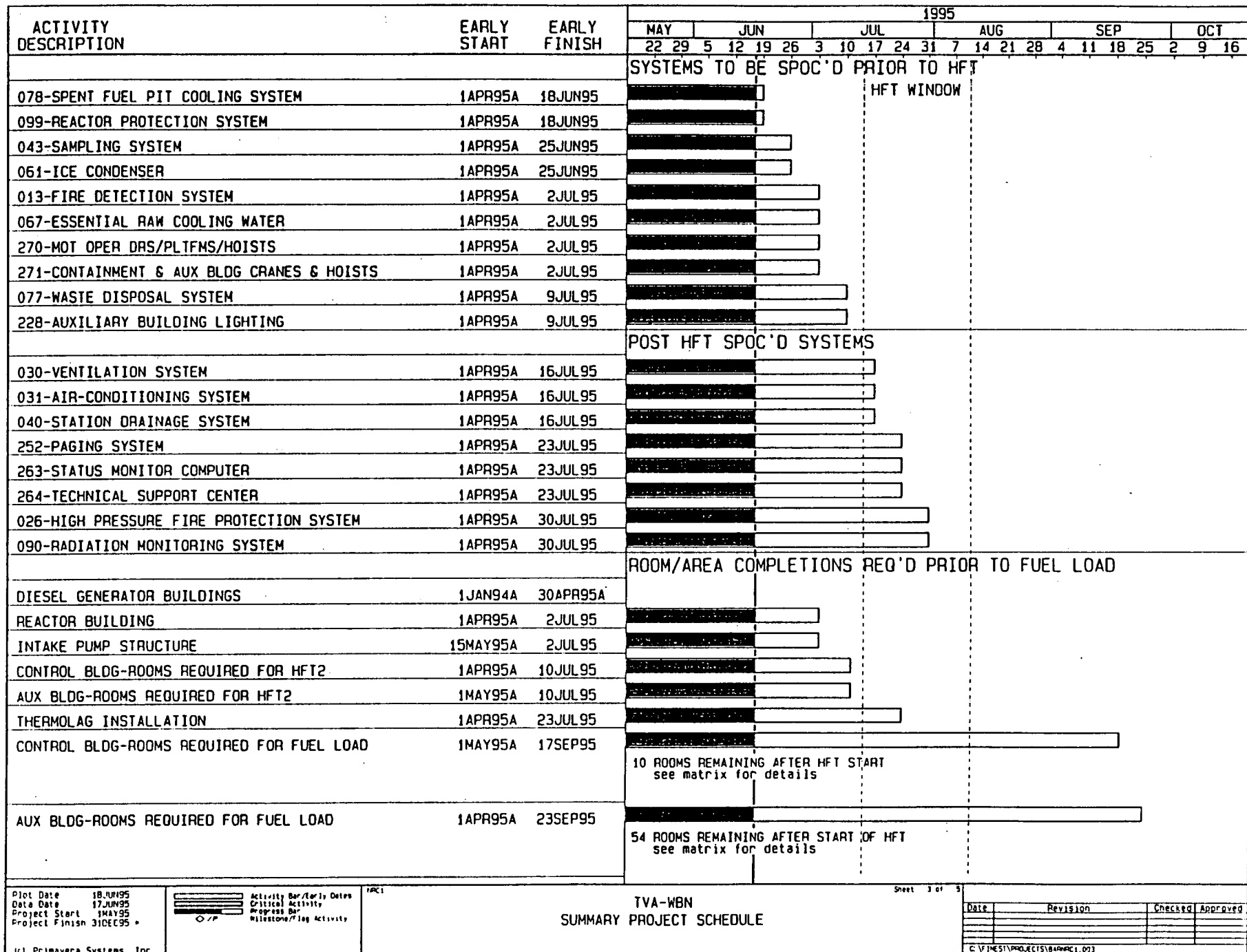
- COMPLETED EVALUATION OF VALVES DETERMINED TO BE SUSCEPTIBLE TO PRESSURE LOCKING AND THERMAL BINDING
- IDENTIFIED AND ISSUED DCN TO ADD BONNET RELIEF FOR TOTAL OF 6 VALVES

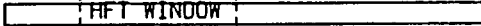
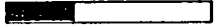
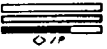
III. PRE/POST HFT2 WORK

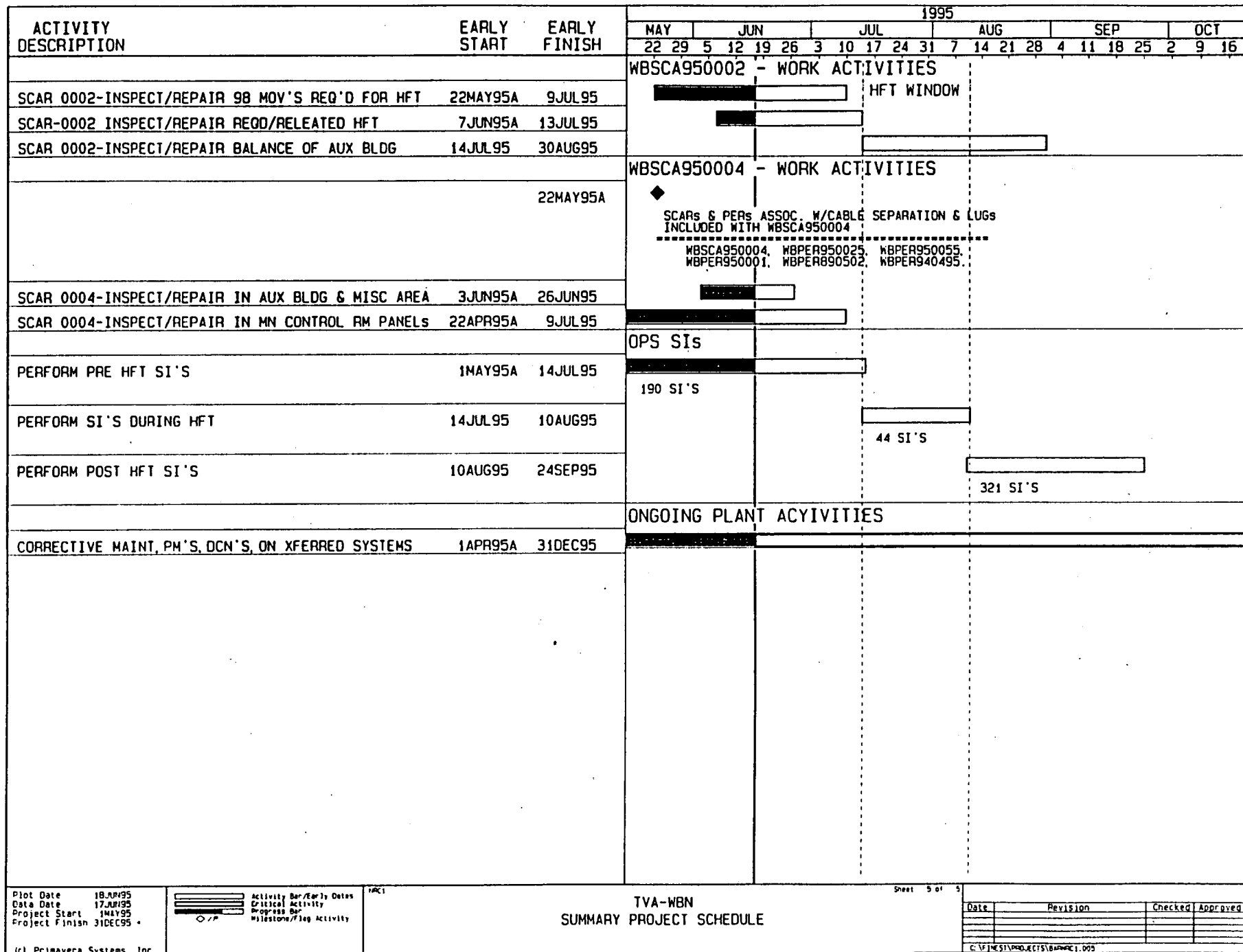
J. SCALICE

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ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	1995																																						
			MAY		JUN		JUL		AUG		SEP		OCT																												
			22	29	5	12	19	26	3	10	17	24	31	7	14	21	28	4	11	18	25	2	9	16																	
			ROOM/AREA COMPLETIONS REQ'D PRIOR TO FUEL LOAD																																						
TURB BLDG-ROOMS REQUIRED FOR FUEL LOAD	1JUL95	23SEP95	 HFT WINDOW 21 ROOMS REMAINING AFTER HFT START see matrix for details																																						
			ROOM/AREA COMPLETIONS REQ'D AFTER FUEL LOAD																																						
CONTROL BLDG-ROOMS REQUIRED POST FUEL LOAD	1AUG95	17SEP95	 13 ROOMS REMAINING AFTER HFT START see matrix for details																																						
AUX BLDG-ROOMS REQUIRED POST FUEL LOAD	15AUG95	15OCT95	 17 ROOMS REMAINING AFTER HFT START see matrix for details																																						
TURB BLDG-ROOMS REQUIRED POST FUEL LOAD	25AUG95	15OCT95	 34 ROOMS REMAINING AFTER HFT START see matrix for details																																						
			MAJOR WORK ACTIVITIES																																						
OCN 35547-CABLE RE-ROUTES - APPENDIX-R	20MAY95A	10JUL95	 THERMOLAG REDUCTION (PART I)																																						
OCN 35918-CABLE RE-ROUTES - APPENDIX-R	5JUN95A	10JUL95	 THERMOLAG REDUCTION (PART II)																																						
OCN 35764-INSTALL ONE DIESEL FIRE PUMP	15MAY95A	1SEP95	 FIRE PUMP SKID DELY FCST 7/12/95																																						
			WBSCA950002 - WORK ACTIVITIES																																						
		22MAY95A	◆ SCARs & PERs ASSOC. W/CABLE DAMAGE & SPLICES INCLUDED WITH WBSCA950002 WBSCA950008, WBPER910257, WBPER950025, WBPER950168, WBPER950188, WBPER950209, WBSCA900450, WBSCA950002, WBSCA950004.																																						
SCAR 0002-INSPECT/REPAIR ASSOC. W/THERMOLAGs	1APR95A	27MAY95A																																							
SCAR 0002-INSPECT/REPAIR ASSOC. W/PENETRATIONS	7MAR95A	13JUN95A																																							
SCAR 0002-INSPECT/REPAIR IN NSVR & SSVR	10APR95A	13JUN95A																																							
SCAR 0002-INSPECT/REPAIR IN CONTAINMENT	7MAR95A																																								
SCAR 0002-INSPECT/REPAIR IN ANNULUS	3MAY95A	28JUN95																																							
SCAR 0002-INSP./REPAIR 16 MOV'S NOT REQD FOR HFT	22MAY95A	7JUL95																																							
SCAR 0002-INSPECT/REPAIR IN CONTROL BUILDING	12JUN95A	8JUL95																																							
Plot Date 18JUN95 Data Date 17JUN95 Project Start 1MAY95 Project Finish 31DEC95			 TVA-WBN SUMMARY PROJECT SCHEDULE																	Sheet 4 of 5		<table border="1"> <tr> <th>Date</th> <th>Revision</th> <th>Checked</th> <th>Approved</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>				Date	Revision	Checked	Approved												
Date	Revision	Checked	Approved																																						
icl Primavera Systems, Inc			C:\VINES\PROJECTS\BANK1.004																																						



WBN U1 -- Room Completion Matrix With Turnover Post HFT2 Start

Building	Room #	Milestone	Room Function/Equipment	T/O Date	Impact Assessment	Activities Remaining				
						Painting	Insulation	Thermolag	IE Conduit Tray W/D	MAI 1.9
Control	C203	FL	Computer Room	7/23/95						
	C301	FL	Cable Spreading Room	8/27/95		X	X		X	X
	C402	PFL	Women's Toilet	9/3/95						X
	C403	PFL	755' Corridor	9/3/95					X	X
	C404	PFL	Kitchen	9/3/95					X	X
	C405	PFL	Toilet	9/3/95						X
	C406	PFL	Locker Room	9/3/95						X
	C407	PFL	Shower	9/3/95						X
	C408	PFL	Shower	9/3/95						X
	C409	PFL	Conference Room	9/3/95						X
	C410	FL	Shift Ops Supervisors Office	9/3/95						X
	C420	PFL	DPSD Shop	9/3/95		X	X			X
	C415	PFL	755' Corridor	9/10/95			X		X	X
	C201	FL	U1 Aux Instrument Room	9/17/95		X	X		X	X
	C202	FL	708' Corridor	9/17/95		X	X		X	X
	C204	FL	U2 Aux Instrument Room	9/17/95		X	X		X	X
	C421	PFL	Stairs	9/17/95		X				X
	C422	PFL	Stairs	9/17/95		X				X
Aux	A506	FL	N2 Storage/PASF Air Filter Room	7/23/95			X			
	A851	FL	480 V Board Room 1A	7/23/95				X	X	
	A703	FL	U1 HVAC Room	7/30/95				X	X	
	A706	FL	Airlock to U1 So. MS Valve Room	7/30/95						
	A950	FL	Aux Building Roof	7/30/95			X			
	A308	FL	U1 Pipe Chase	8/6/95						
	A501	FL	U1 So. MS Valve Room	8/13/95			X			X
	A428	FL	U1 713 Pipe Chase	8/20/95		X	X		X	X
	A812	FL	U1 Rx Building Access Room	8/20/95					X	X
	A821	FL	480 V Shutdown Board Room 2A	8/20/95		X			X	X
	A852	FL	480 V Board Room 1B	8/20/95		X		X	X	X
	A865	FL	480 V Board Room 2B	8/20/95		X			X	X
	A816	FL	Emergency Gas Treatment Filter Rm	8/27/95		X				X
	A817	FL	U2 Personnel & Equipment Access	8/27/95		X	X		X	X
	A824	FL	6.9 Kv Shutdown Board Room B	8/27/95		X	X	X	X	X
	A202	FL	Holdup Tank A	9/3/95		X				X
	A204	FL	Floor Drain Collect Pump, Tank, Filter	9/3/95		X				X

WBN U1 -- Room Completion Matrix With Turnover Post HFT2 Start

Building	Room #	Milestone	Room Function/Equipment	T/O Date	Impact Assessment	Activities Remaining				
						Painting	Insulation	Thermolag	IE Conduit Tray W/D	MAI 1.9
	A307	FL	U1 Penetration Room 692'	9/3/95		X	X		X	X
	A508	FL	U1 Post Accident Sample Room	9/3/95					X	X
	A855	FL	480 Transformer 1B	9/3/95				X	X	X
	A203	FL	Holdup Tank B	9/17/95		X			X	X
	A406	FL	U1 Penetration Room 713'	9/17/95		X	X		X	X
	A503	FL	Waste Package Area Compact Room	9/17/95		X				X
	A504	FL	Waste Package Area Drum Storage	9/17/95		X				X
	A505	FL	Cask Loading Area	9/17/95		X				X
	A517	FL	U2 Shield Building Rad Monitor Room	9/17/95						X
	A718	PFL	757' Access Elevator Airlock	9/17/95		X				X
	A805	FL	480 V Shutdown Board Room 1B	9/17/95		X			X	X
	A810	FL	Misc. Equipment Room	9/17/95			X	X	X	X
	A830	PFL	Stairs	9/17/95		X				X
	A856	FL	480 V Transformer 1B	9/17/95				X	X	X
	A862	FL	480 V Transformer 2A	9/17/95		X			X	X
	A869	PFL	Stairs	9/17/95		X				X
	A905	FL	Stairs	9/17/95		X				X
	A201	PFL	676' Corridor	9/24/95		X	X	X	X	X
	A401	FL	713' Corridor	9/24/95		X	X		X	X
	A502	FL	U1 No. MS Valve Room	9/24/95		X		X		X
	A701	FL	737' Corridor	9/24/95		X	X	X	X	X
	A705	FL	U1 Vent & Purge Area	9/24/95		X	X	X	X	X
	A717	PFL	Stairs	9/24/95		X				X
	A813	PFL	Refueling Room	9/24/95		X	X			X
	A867	PFL	Stairs & Penthouse	9/24/95		X				X
	A868	PFL	Stairs & Penthouse	9/24/95		X				X
	A952	PFL	Stairs & Penthouse	9/24/95		X				X
	A329	PFL	Boric Acid Evap Package B	10/1/95		X				
	A330	PFL	Boric Acid Evap Package A	10/1/95		X			X	
	A702	PFL	Hot Instrument Shop	10/1/95						X
Manholes	Various	FL	45 total	8/27/95 *		X				
Turbine	Various	FL	21 total	9/24/95 *		X				
	Various	PFL	34 total	10/15/95 *		X				

WBN U1

System Completion Activities With Turnover -- Post HFT2 Start

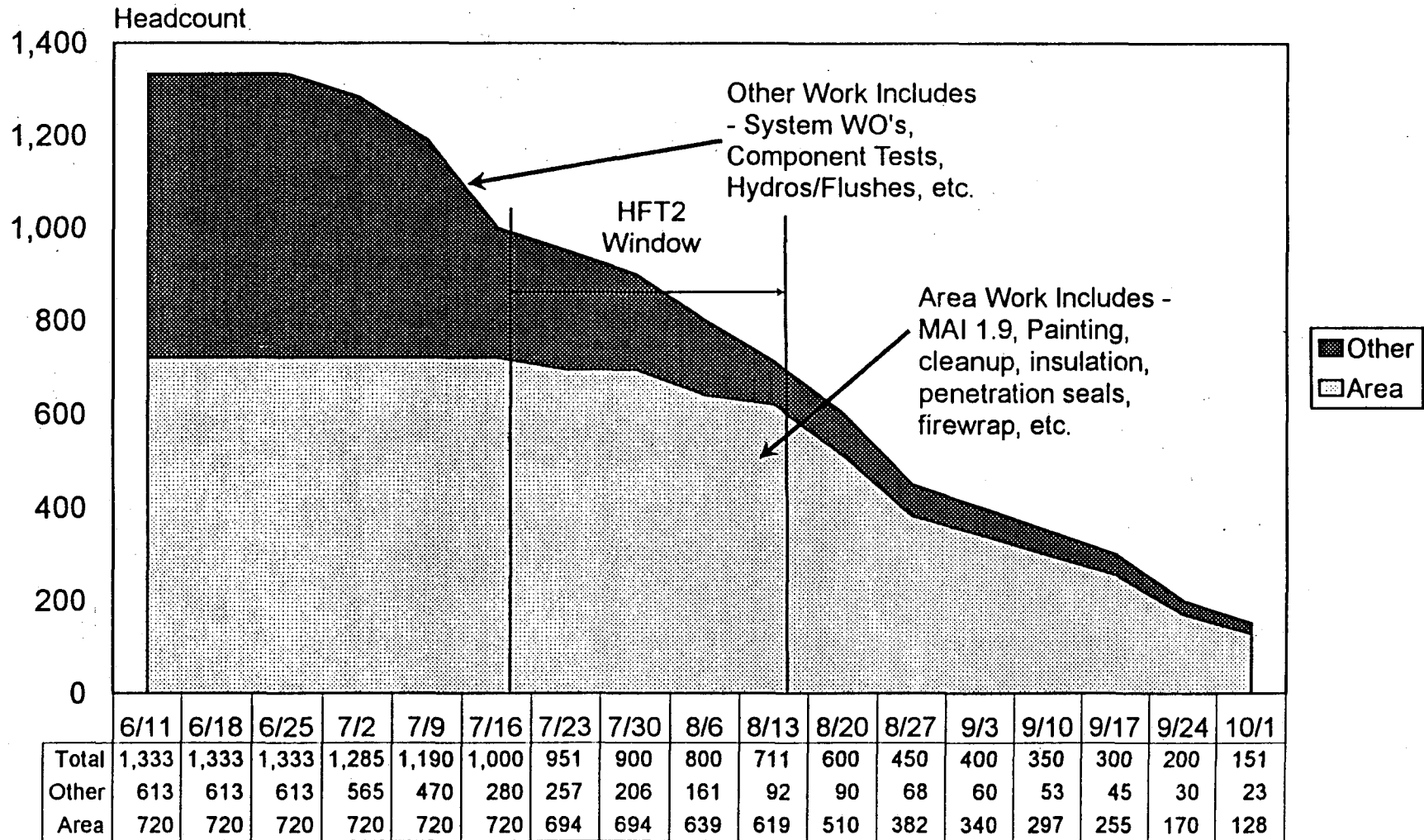
System	Turnover Date
030 Ventilation System ● PTI Testing Complete ● Completion of DCN's - WO/wR's ● Charcoal Filter Testing (8/26/95 - 9/4/95)	7/16/95
031 Air Conditioning System ● PTI Testing Complete ● Completion of DCN's - WO/wR's ● Charcoal Filter Testing (7/20/95 - 7/31/95)	7/16/95
040 Station Drainage ● Completion of DCN's - WO/wR's	7/16/95
252 Paging System ● Completion of DCN's- WO/wR's	7/23/95
263 Status Monitor Computer ● Completion of DCN's - WO/wR's	7/23/95
264 Tech Support Center ● Completion of DCN's - WO/wR's	7/23/95
026 High Pressure Fire Protection System ● DCN to Install Diesel Fire Pump (fcst 9/01/95) ● Completion of DCN's - WO/wR's	7/30/95
090 Radiation Monitoring ● Complete Preop Testing (fcst 7/16/95) ● Completion of DCN's - WO/wR's	7/30/95

WNU1

Bulk Quantities To Go (As of 6/11/95)

Description	Quantities To Go	Status
Small Bore Hangers	0	Bulks complete
Large Bore Hangers	12 ea	Bulks complete
Conduit	4,260 LF	Bulks complete
Conduit Supports	680 ea	Bulks complete
Cable Tray	0	Bulks complete
Cable Tray Supports	39 ea	Bulks complete
HVAC Duct	0	Bulks complete
HVAC Supports	0	Bulks complete
Cable P&C	18,400 LF	Bulks complete
Cable Terminations	1,460 ea	Bulks complete
Coatings/Painting	138,000 Sq ft	See workoff curve
Thermolag (Conduit/Tray)	3,100 LF	See workoff curve
Insulation	55,000 LF	See workoff curve

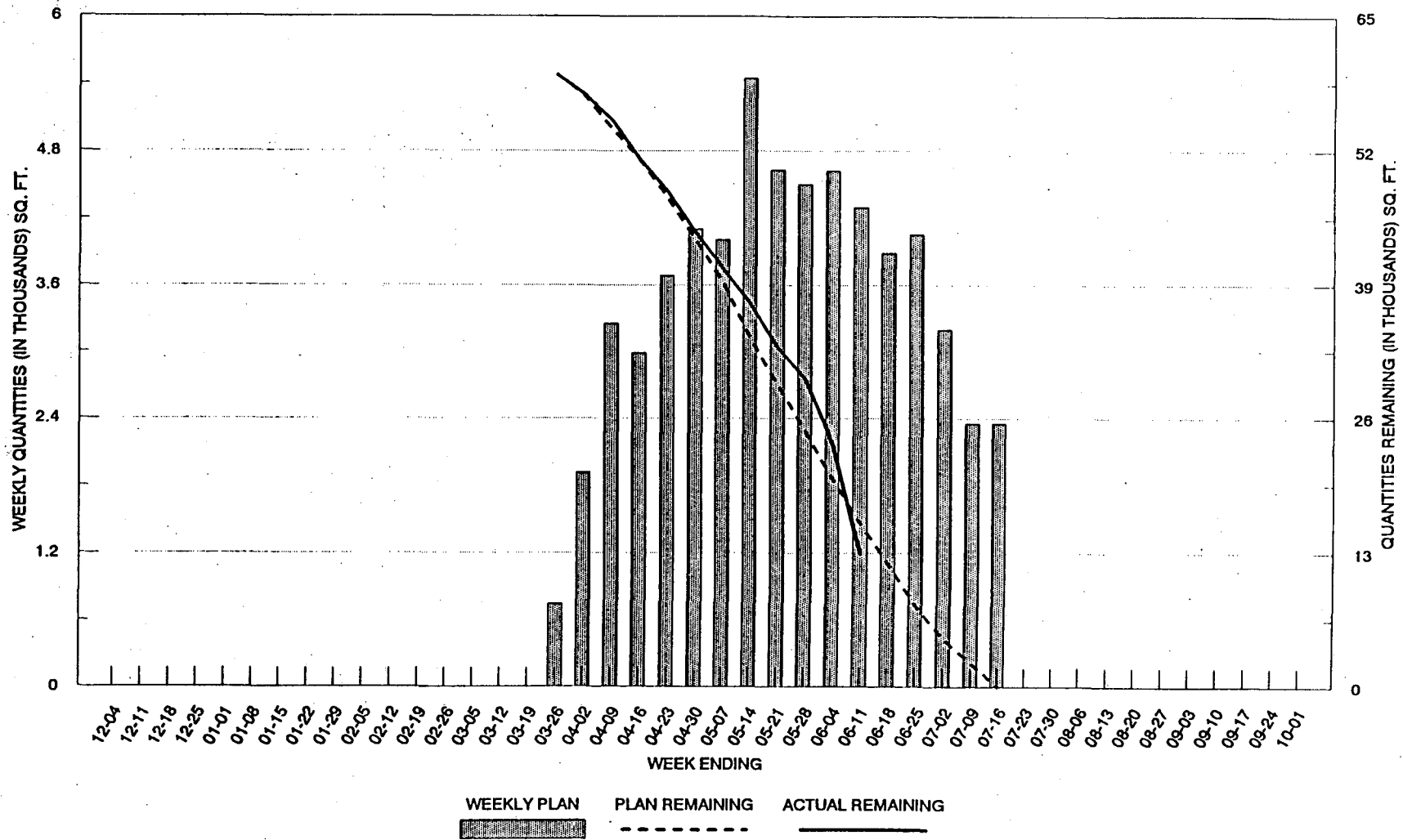
Construction Craft Headcount - June through September 1995



WATTS BAR NUCLEAR UNIT I

BULK COMMODITIES

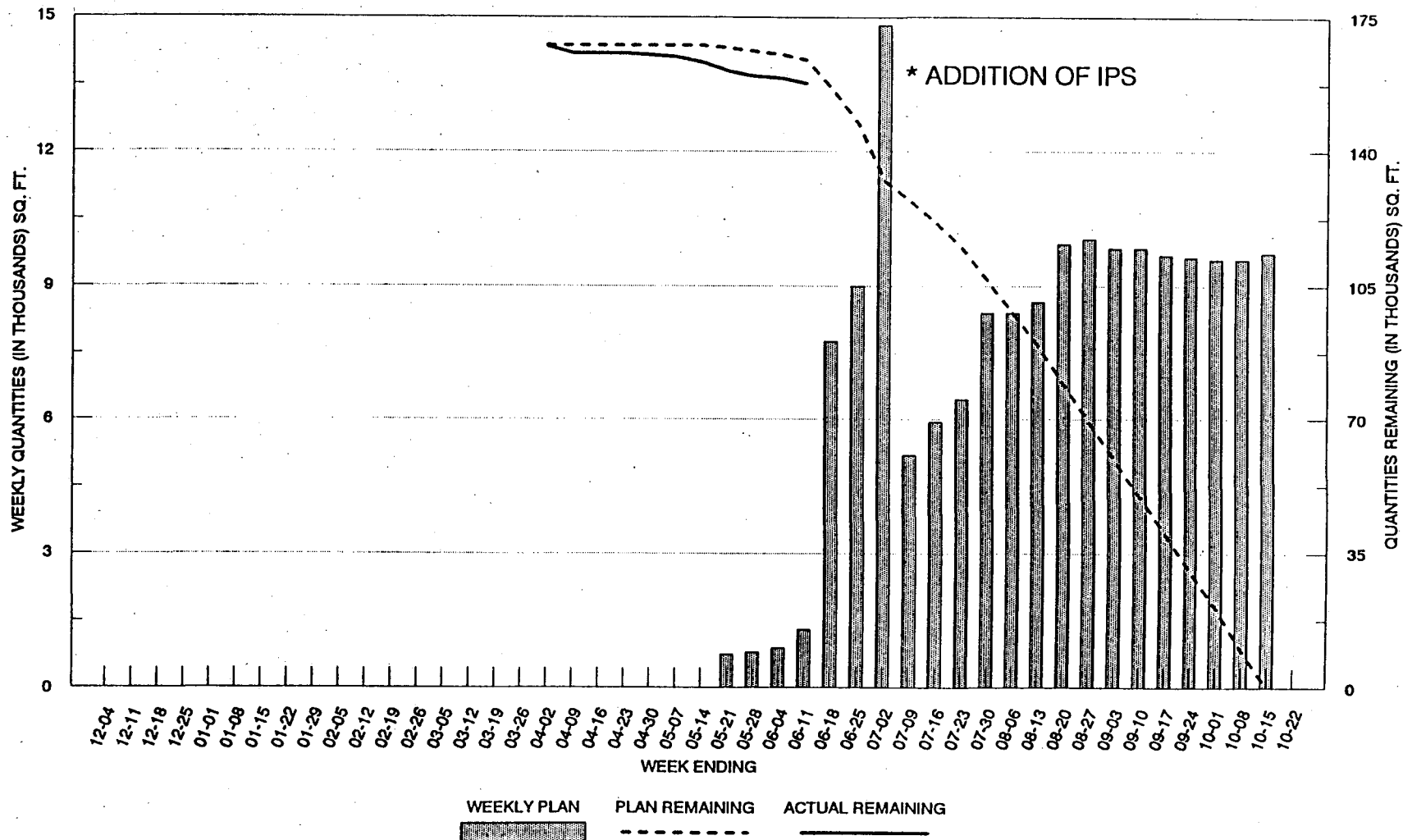
PROTECTIVE COATINGS REQUIRED FOR HFT2



WATTS BAR NUCLEAR UNIT I

BULK COMMODITIES

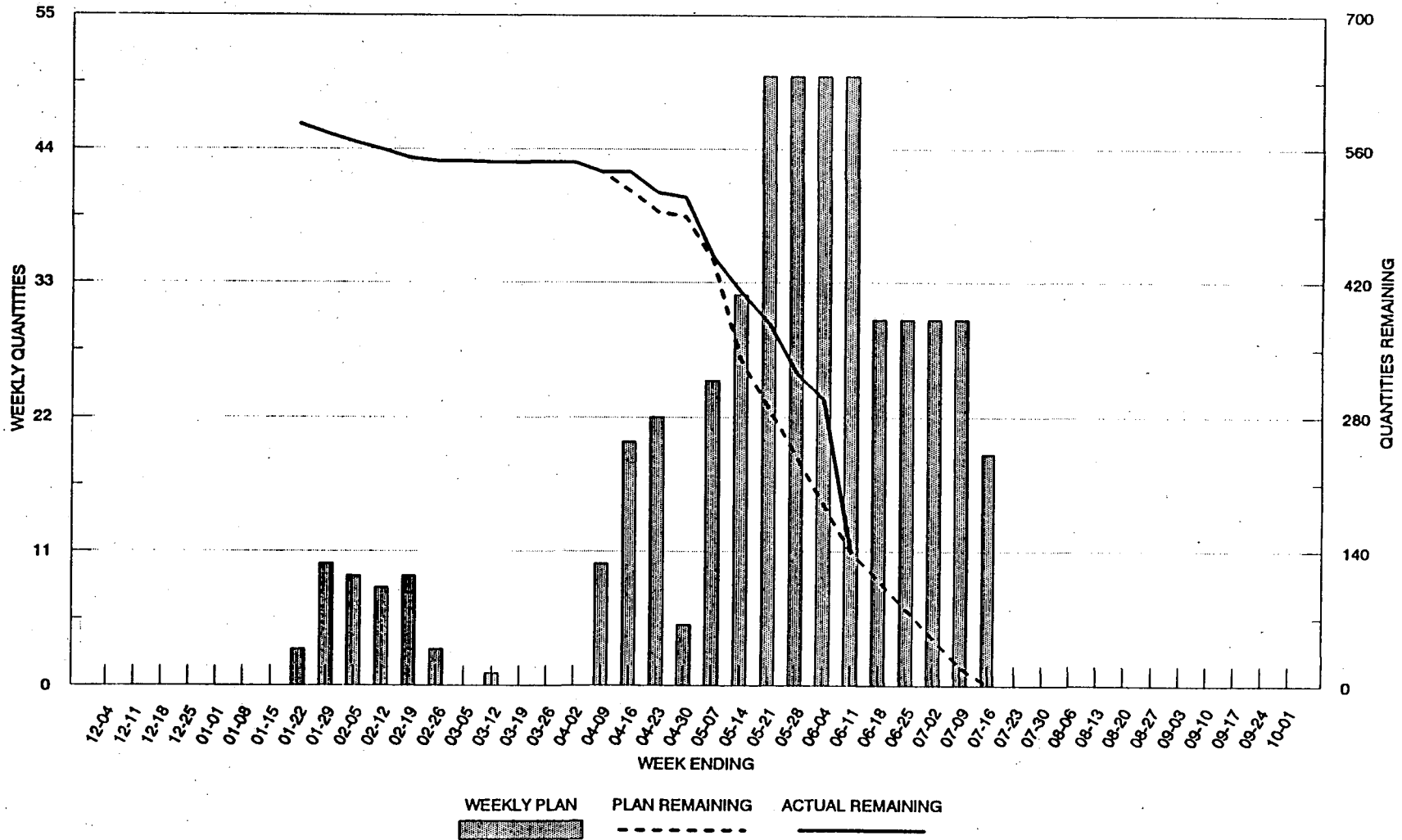
PROTECTIVE COATINGS REQ FOR FUEL LOAD / BOP



WATTS BAR NUCLEAR UNIT I

BULK COMMODITIES

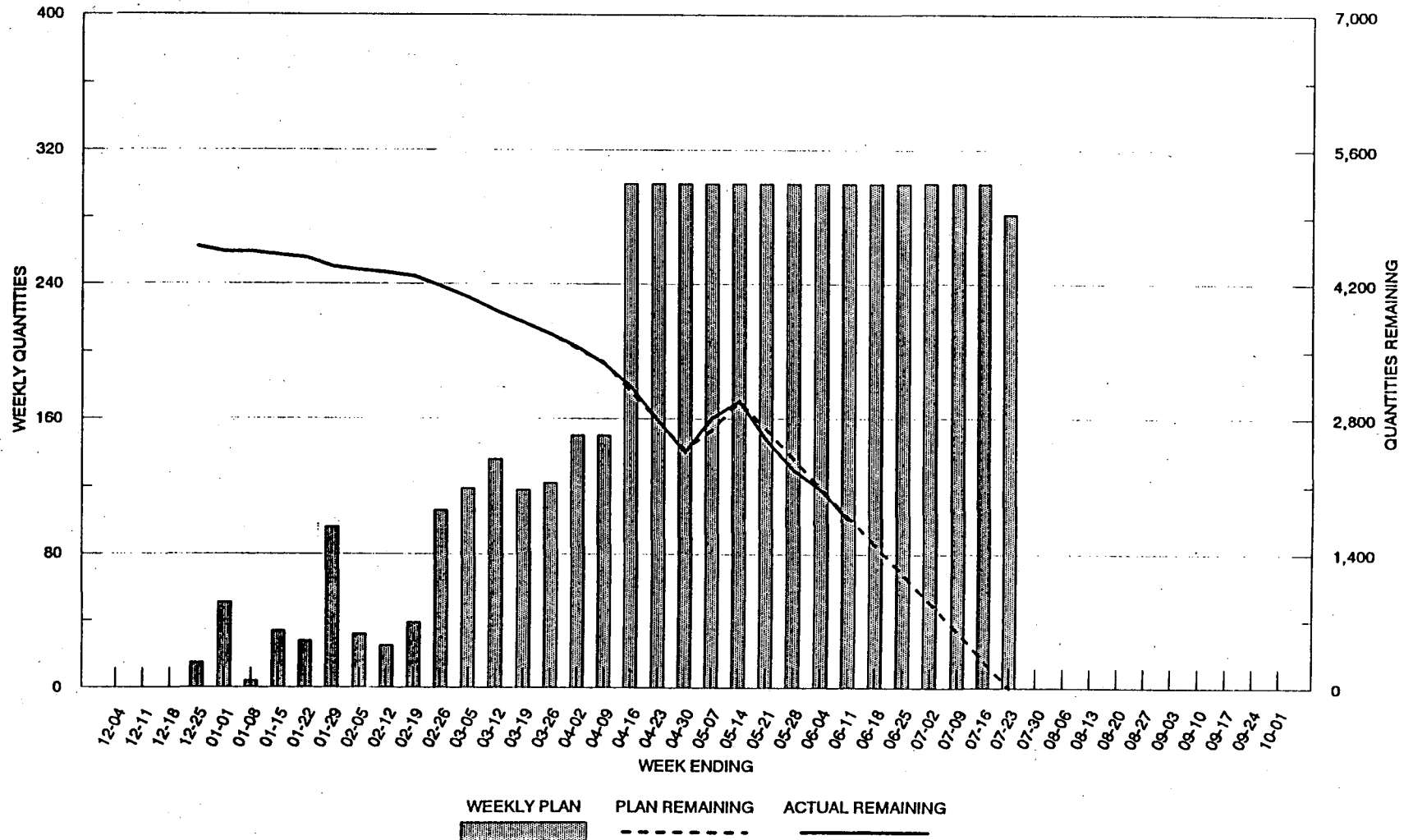
THERMO-LAG / CABLE TRAYS



WATTS BAR NUCLEAR UNIT I

BULK COMMODITIES

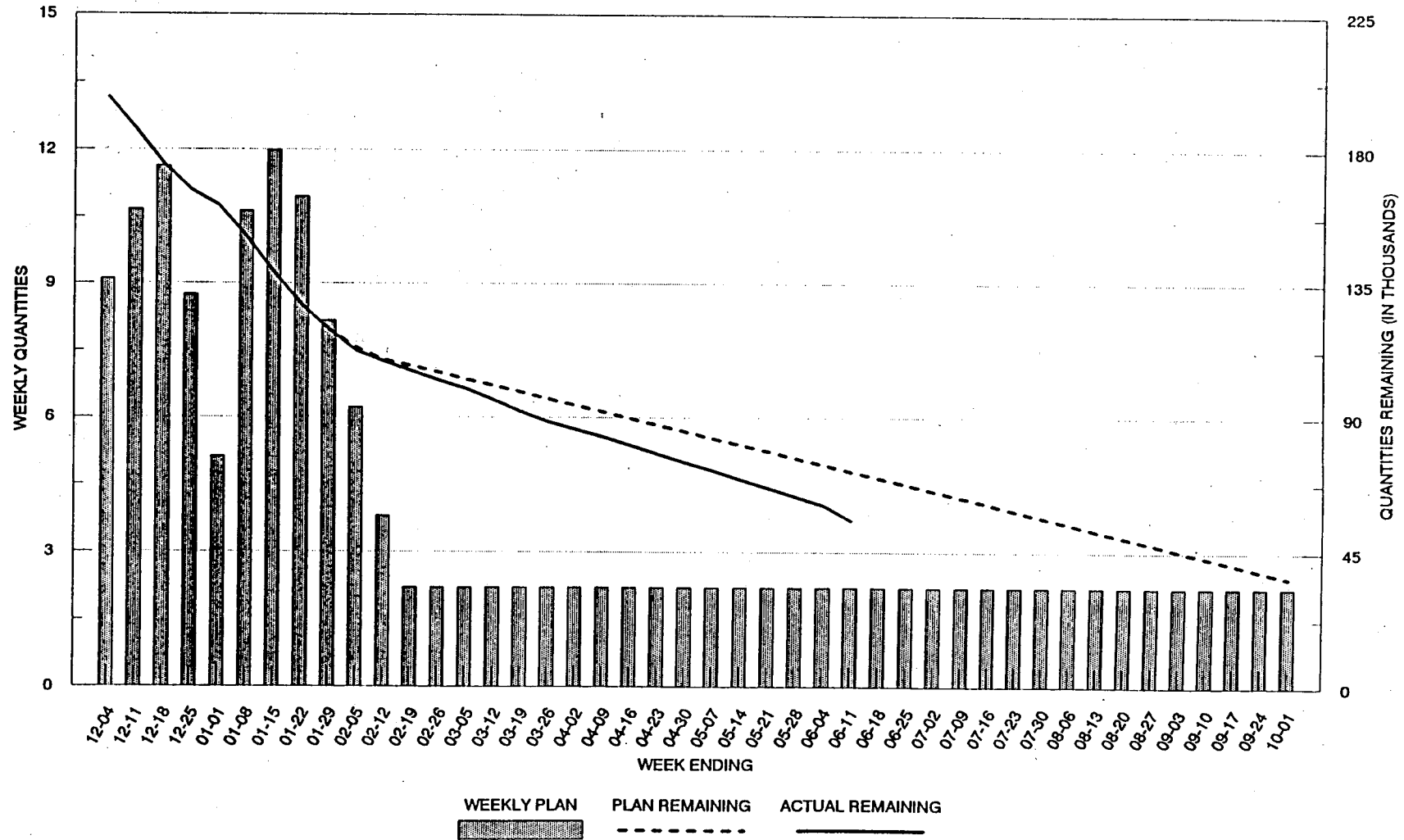
THERMO-LAG / CONDUIT



WATTS BAR NUCLEAR UNIT I

BULK COMMODITIES

MASS INSULATION



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POST-HFT2 ORIGINALLY PROPOSED SPOC LIST VS. CURRENT

SYSTEM	SYSTEM DESCRIPTION	MODS T/O STATUS	SPAE 1 STATUS	FLUSH, FLOW BALANCE STATUS	PREOP, TESTING STATUS FOR HFT2	SPOC STATUS	CONDITION FOR HFT2	OPS PROCEDURE STATUS FOR HFT2	REMAINING ACTIVITIES
13	Fire Detection	Complete	Complete	NA	Complete	7/2/95 - F	Operational	SOI	MTS Cleanup
26	Protection	Complete	Complete	Complete	Complete	7/30/95 - F	Operational	SOI	MTS Cleanup
30	Ventilation	Complete	Complete	Complete	Complete	7/16/95 - F	Operational	SOI	In-Place Filter Testing
31	Air Conditioning	Complete	Complete	Complete	Complete	7/16/95 - F	Operational	SOI	MTS Cleanup
40	Station Drainage	Complete	Complete	Complete	NA (Preop w/System 77)		Operational	SOI	MTS Cleanup
52	System Test Facility	Complete	Complete	Complete	During HFT2	Complete	Operational	NA	Resolve TDN During HFT2
61	Ice Condenser	Complete	Complete	Complete	Complete	6/25/95 - F	Operational	SOI	MTS Cleanup
65	Emergency Gas Treatment	Complete	Complete	Complete	Complete	Complete	Operational	SOI	In-Place Filter Testing
77	Waste Disposal (Liquid)	Complete	Complete	Complete	Complete	7/8/95 - F	Operational	SOI	MTS Cleanup
77	Waste Disposal (Gas)	Complete	Complete	Complete	Complete	7/8/95 - F	Operational	SOI	MTS Cleanup
78	Spent Fuel Pit Cooling	Complete	Complete	Purification Loop Only	Purification Section Component Test Complete	6/18/95 - F	System Operational to Support RCS Boration	SOI	Spent Fuel Pit Testing to be Completed after HFT2
90	Radiation Monitoring	Complete	Complete	Ongoing	After HFT2	7/30/95 - F	Test Blowdown Flash Tank Monitor During HFT2	SOI	Complete Preop Testing/MTS Cleanup
228	Auxiliary Building Lighting	Complete	Complete	NA	PTI-228-01 (7/1/95)	7/8/95 - F	Operational	SOI	MTS Cleanup/Preop Testing Complete
233B	Yard Lighting (Inside Protected Area)	Complete	After Start of HFT2	NA	After HFT2	Complete	Operational	NA	Lighting Surveys of Areas that had Temporary Buildings Installed Inside the Protected Area (7/21/95 - F)
248	Electrical Control and Recording Instruments	Complete	Complete	NA	NA	Complete	Operational	NA	MTS Cleanup
252	Intercom, and Evacuation Alarm	Complete	Complete	NA	Complete	7/23/95 - F	Operational	SOI	MTS Cleanup
256	Sound-Powered Shutdown Communications	Complete	Complete	NA	Complete	Complete	Operational	SOI	MTS Cleanup
261	Process Computer	Complete	Complete	Complete	Complete	Complete	Operational	NA	MTS Cleanup
263	Station Monitor Computer	Complete	Complete	NA	NA	7/23/95 - F	Operational	NA	Complete STP/MTS Cleanup
264	Technical Support Center Computer	Complete	Complete	NA	Complete	7/23/95 - F	Operational	NA	MTS Cleanup
270	Turbine Building Cranes and Misc.	Complete	Complete	NA	NA	7/2/95 - F	Operational	NA	MTS Cleanup
271	Containment/Auxiliary Buildings Cranes	Complete	Complete	NA	NA	7/2/95 - F	Operational	NA	MTS Cleanup

Shading = To Be Completed/Complete Prior to HFT2

Definitions:

Operational--

The system is in its final configuration to support normal operating temperatures and pressures. Outstanding activities include such items as MTS cleanup, SPOC signoff, and limited component testing (i.e., filter testing). These items will not impact the ability to support HFT 2.

MTS Cleanup--

Clear items on MTS that do not affect the operation of the system.

Note:

This list of systems is based on current plant completion schedules. Changes in the area turnover schedule to support HFT 2 could impact the HFT2 start date. Because of this, some of the above listed systems may actually turn over prior to HFT2.

IV. CLOSING REMARKS

O. ZERINGUE

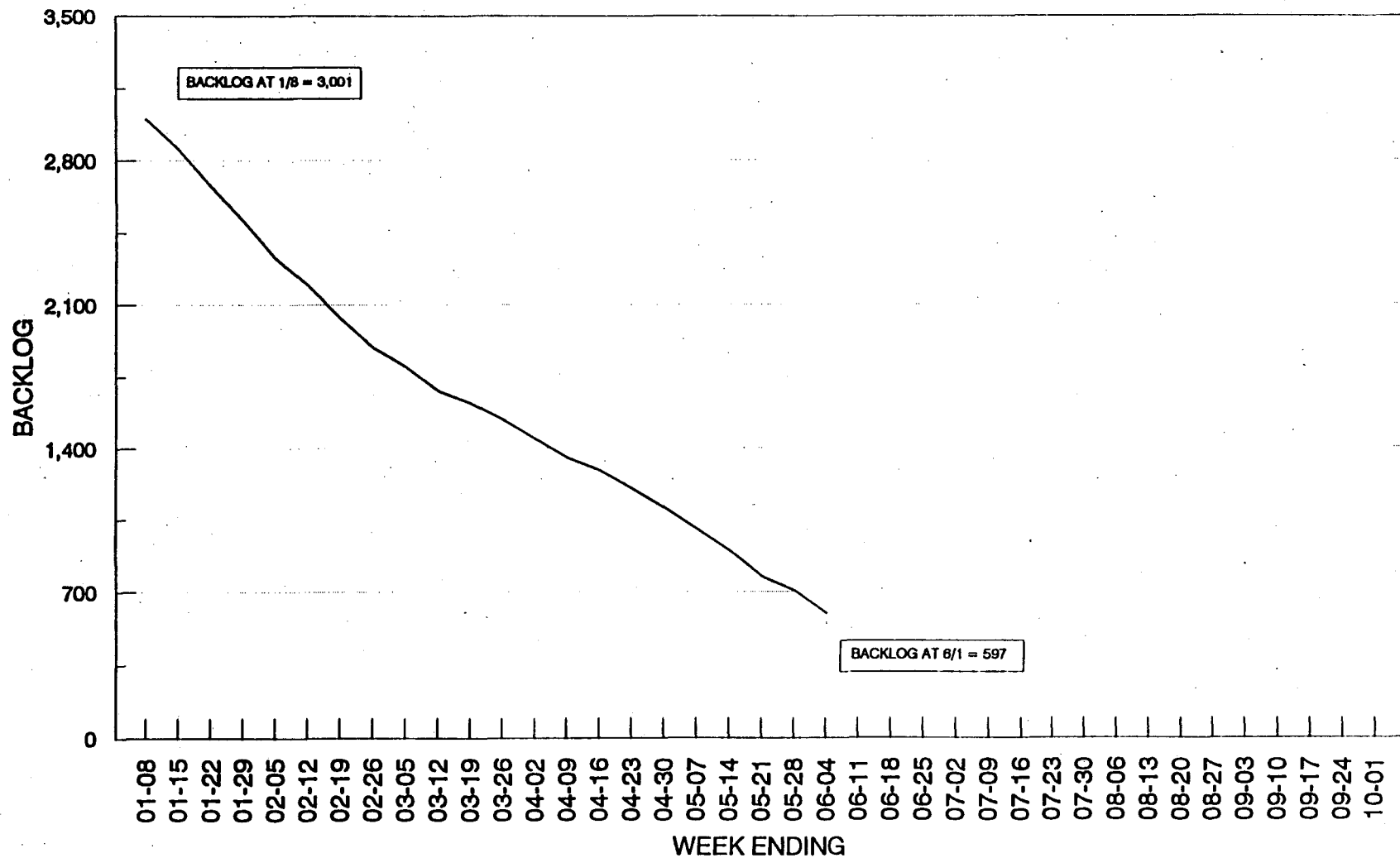
Watts Bar Unit 1 - 6/15/95

WBN Unit 1 Completion Activity	Key Points
Plant Maintenance, Progress From January 1995 - Work Orders/Work Requests	• Since 1/8/95, Work Orders/Work Requests (WO/WR's) have decreased by 2,404 • Workoff rate is an average of 115 per week • At this rate, remaining backlog represents 5 weeks of work • This is within our September Fuel Load schedule
Plant Maintenance, Schedule Finish Performance - Work Orders/Work Requests	• Since November, schedule adherence has steadily increased • Schedule adherence has more than doubled in last 6 months • Ability to maintain schedule has remained at about 80% for nearly 3 months • Dramatic improvement, first 3 months due to new scheduling tools
Plant Completions Group, Schedule Finish Performance - Work Orders/Work Requests	• 10% improvement has been noted over last 2 1/2 months • Trend continues to reflect further improvements
Watts Bar Nuclear Unit 1 ECI Craft Work Sampling	• Work in the field has favorably remained constant through system and area turnovers

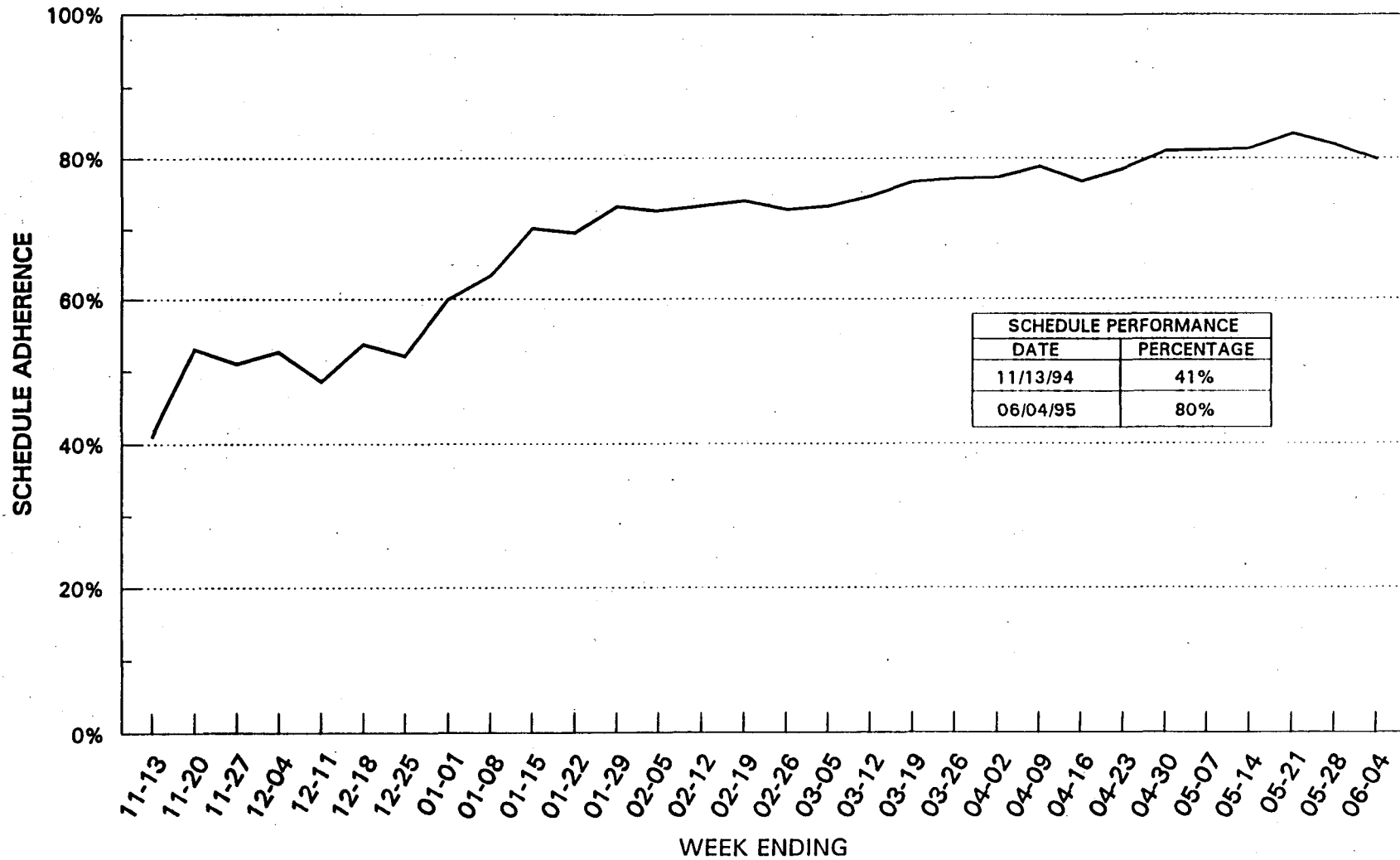
Watts Bar Unit 1 - 6/15/95

Plant Completions Group, Progress From January 1995 - Work Document Backlog	• Since January, backlog has decreased by almost 13,000 work documents • This represents a work document closure rate of approximately 612 per week. • At this rate, the remaining backlog represents approximately 8 weeks of work - or about August 1, 1995 • Backlog has been steadily decreasing
Startup and Test, Net progress - Preoperational Tests	• Over last year, backlog has decreased by 115 at a rate of approximately 2 per week • At this rate, remaining backlog represents about 8 weeks of work • Essentially no deviation to original plan for workoff
Watts Bar Nuclear Unit 1 Plant System Acceptance	• System turnovers have been steadily meeting the plan • In the last year, 114 systems have been turned over at an average rate of over 2 per week
Watts Bar Nuclear Unit 1 Room and Area Turnovers	• Approximately half of the room and areas have been turned over and the trend is improving • In the last 6 months, as attention to room and areas has increased, rate has increased from 3 to 5 per week

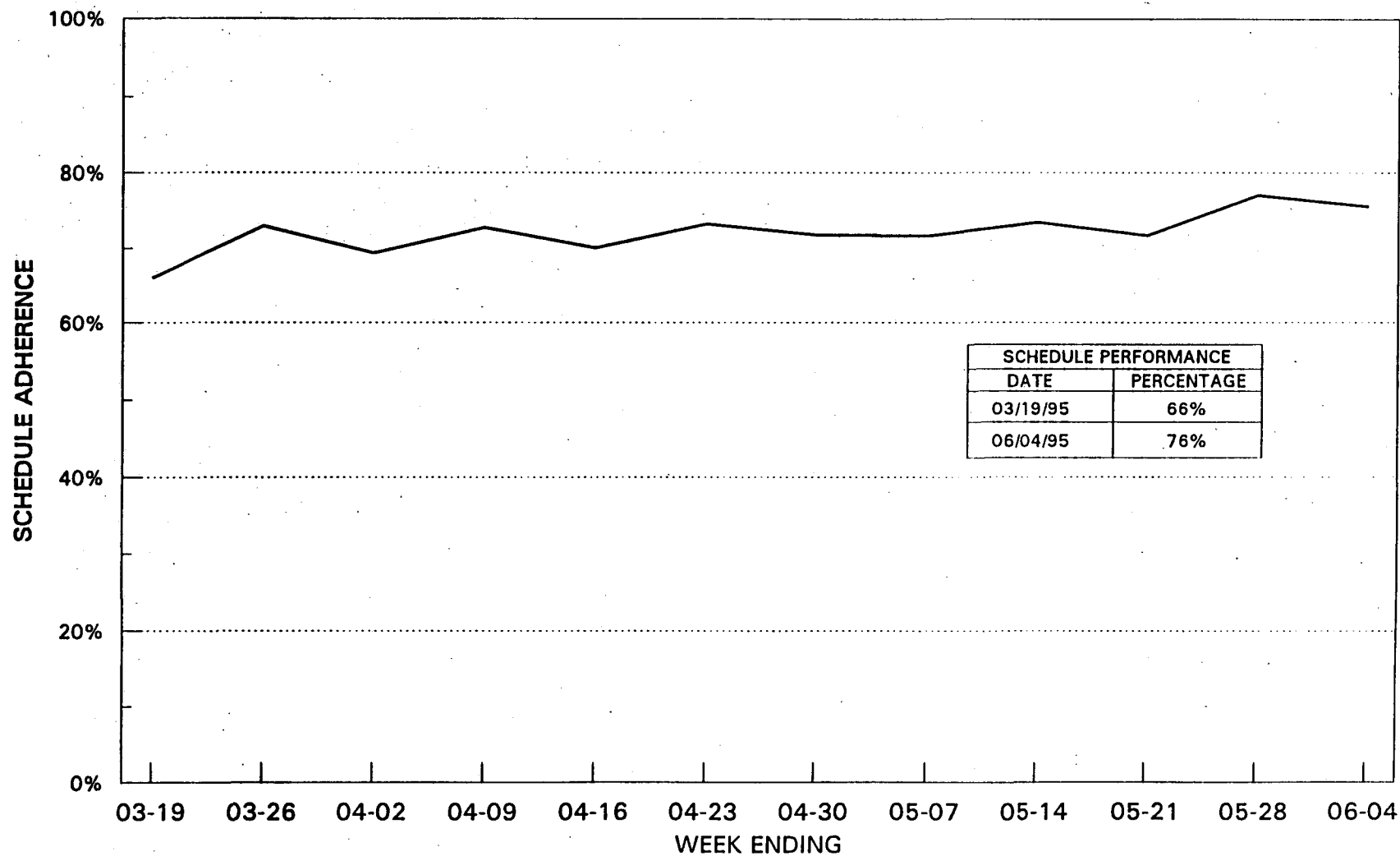
PLANT MAINTENANCE PROGRESS FROM JANUARY 1995 WORK ORDERS/WORK REQUESTS



PLANT MAINTENANCE SCHEDULE FINISH PERFORMANCE WORK ORDERS/WORK REQUESTS



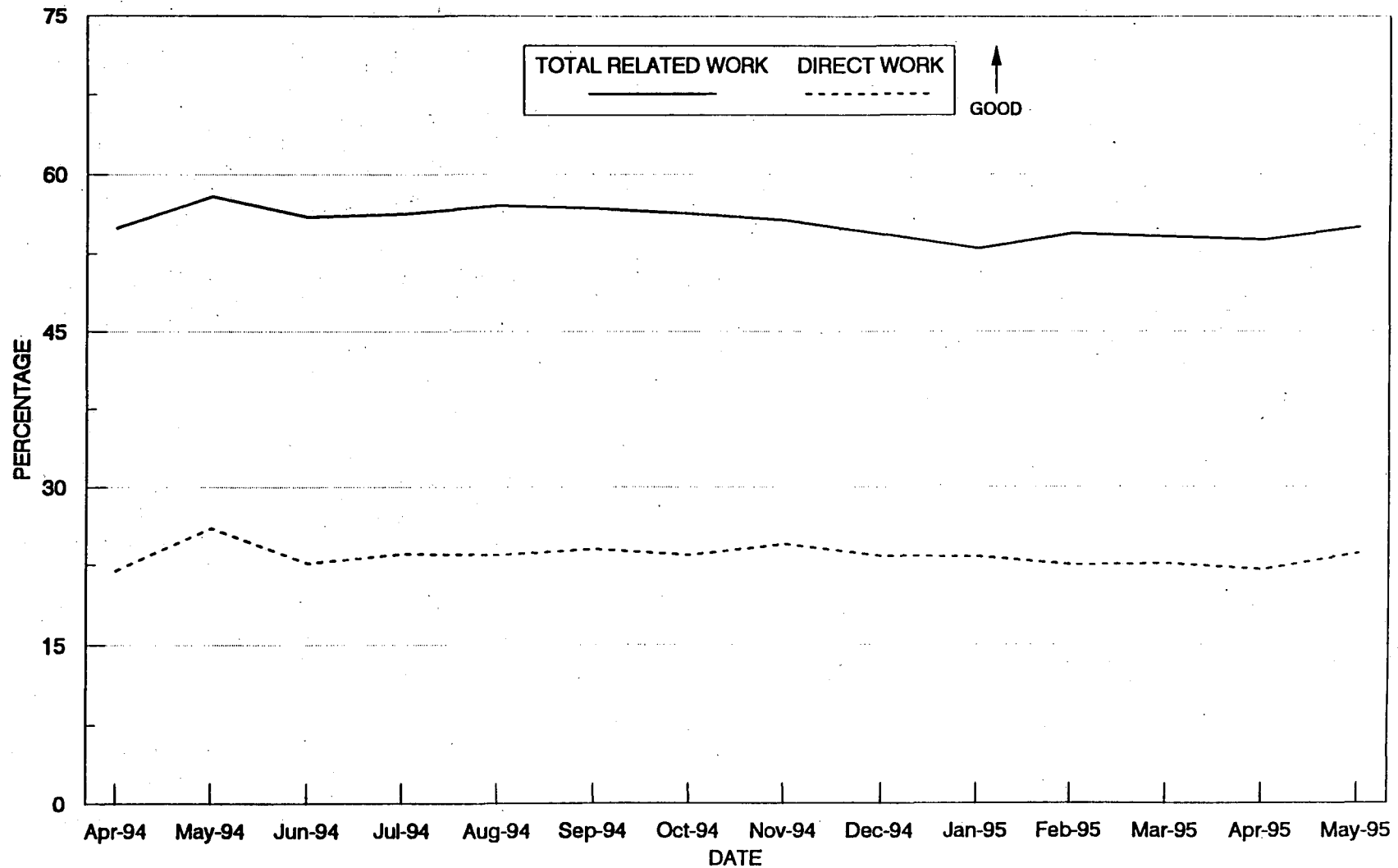
PLANT COMPLETIONS GROUP SCHEDULE FINISH PERFORMANCE WORK ORDERS/WORK REQUESTS



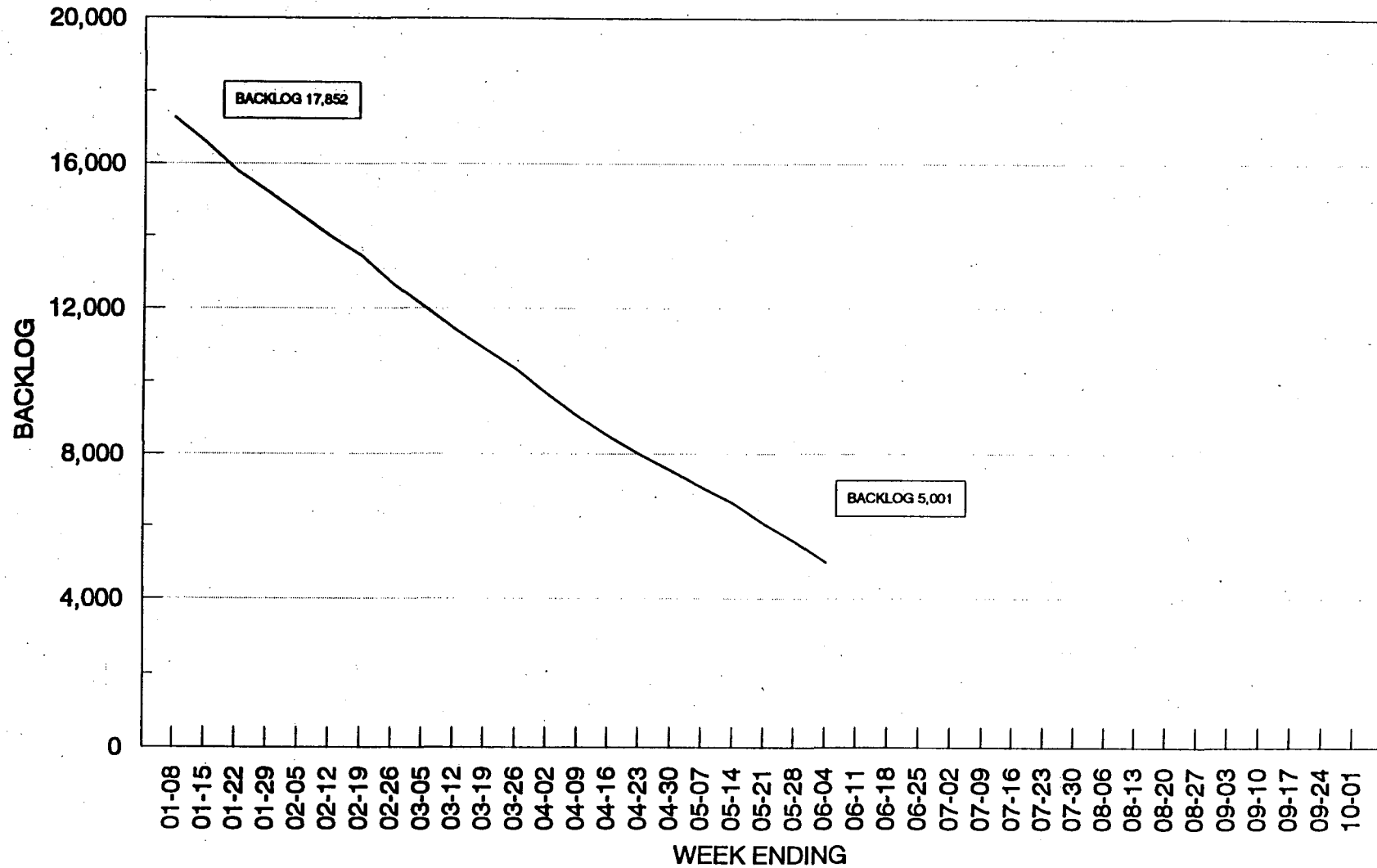
WATTS BAR NUCLEAR UNIT I

ECI CRAFT

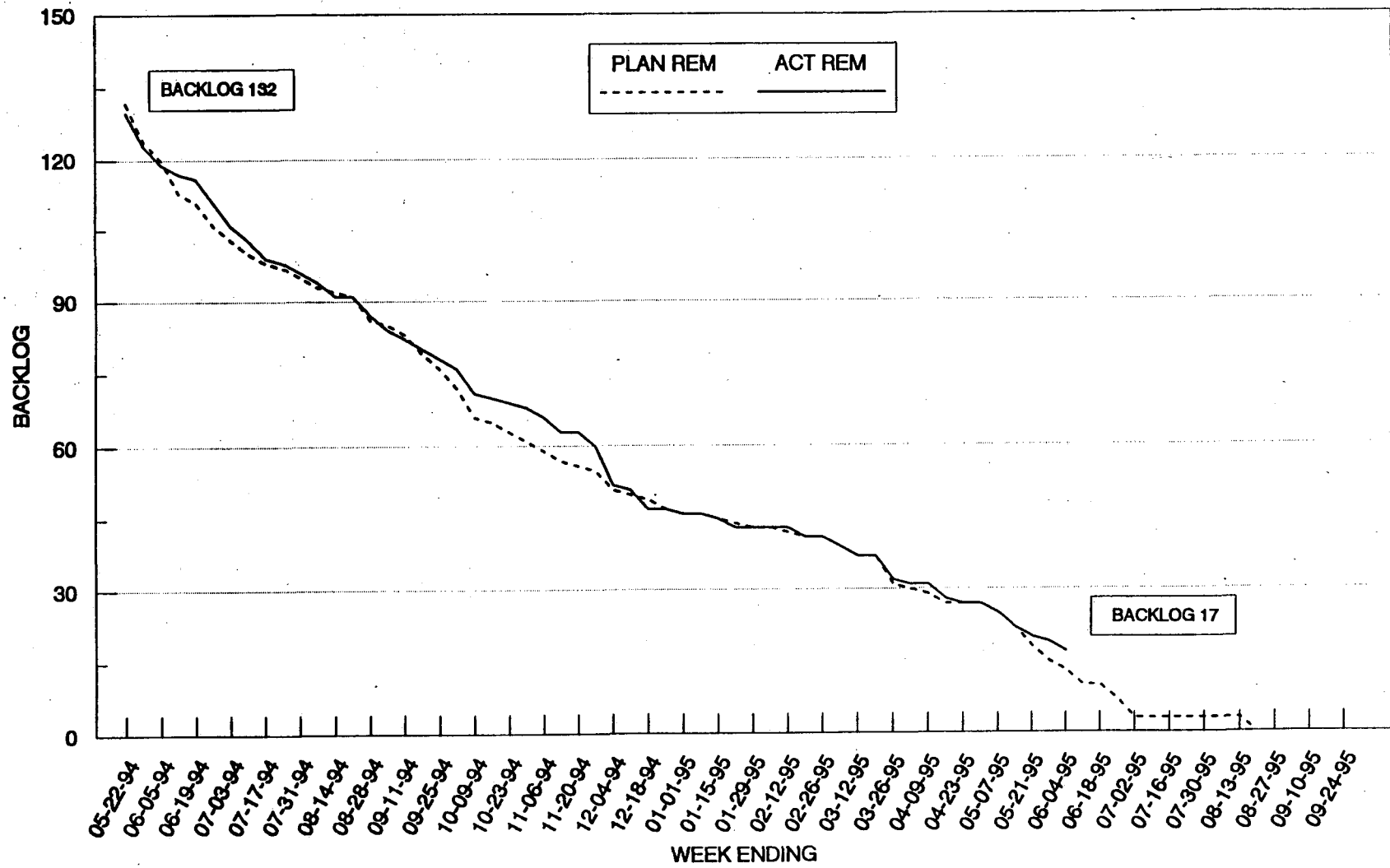
WORK SAMPLING



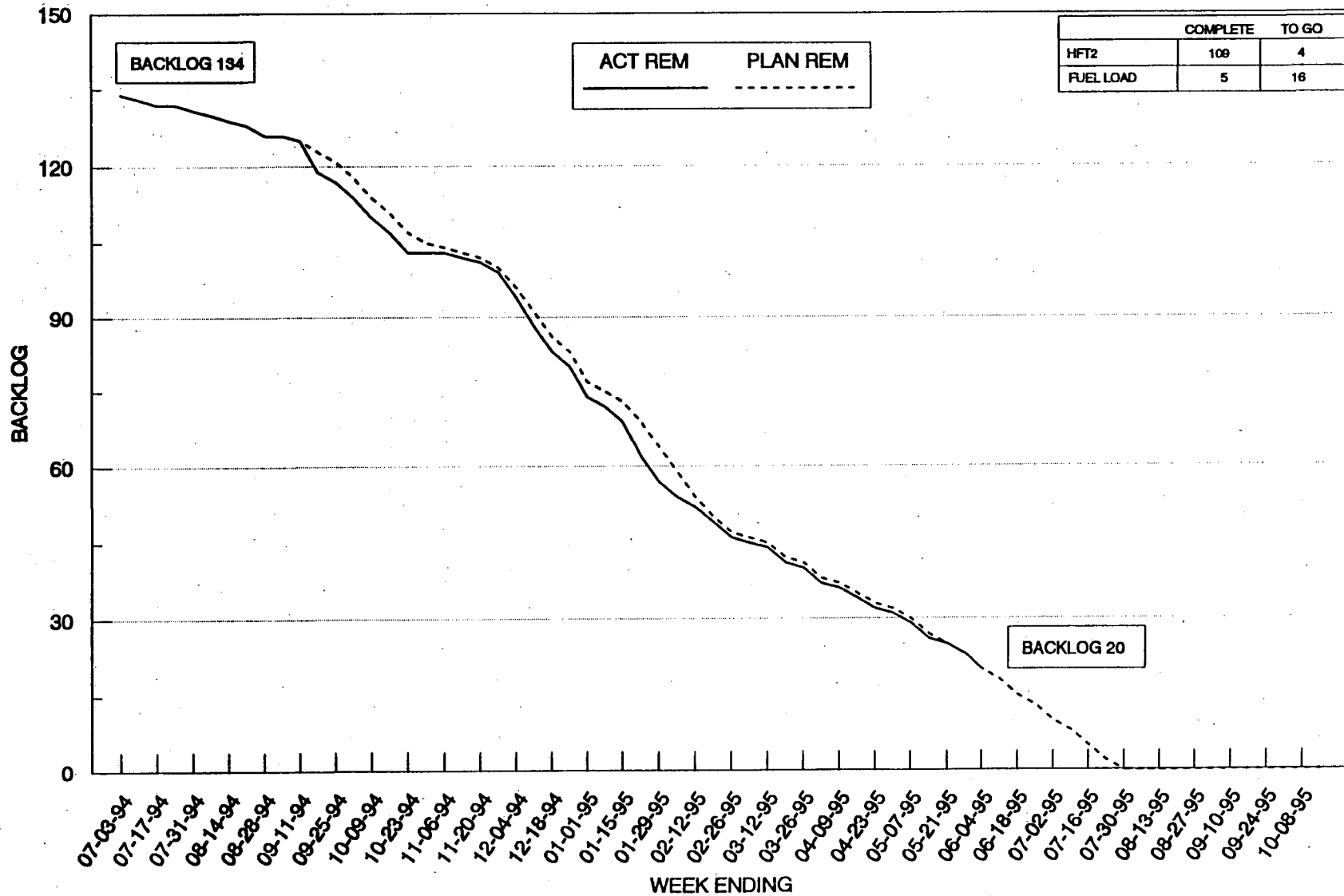
PLANT COMPLETIONS GROUP PROGRESS FROM JANUARY 1995 WORK DOCUMENT BACKLOG



STARTUP and TEST NET PROGRESS PREOP TESTS



WATTS BAR NUCLEAR UNIT I PLANT SYSTEM ACCEPTANCE



WATTS BAR NUCLEAR UNIT I ROOM and AREA TURN OVER

