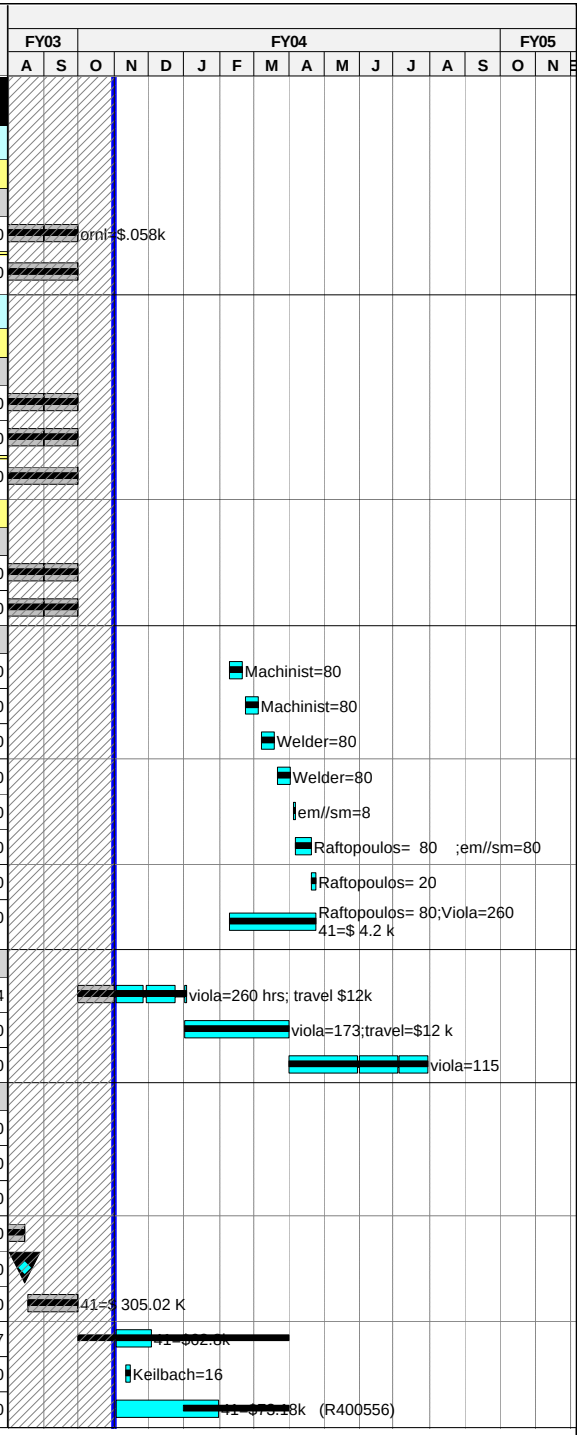
cc 9450 - NCSX Fabrication (MIE)

Activity ID	Activity Description	Baseline Start	Forecast Start	Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Budget at Completion (BAC)	Sched Var (BCWP - BCWS)
11 - In-Vessel Components										
Job: 1101 - Limiter Adv Conc/Prel Dsn-GORANSON										
FY03 Actual Cost										
1101-100	Update Conceptual Design	**15JUL03A**	*15JUL03A*	**30SEP03A**	*30SEP03A*		***100***	60.00	60.00	0.00
Subtotal		**15JUL03A**	*15JUL03A*	**30SEP03A**	*30SEP03A*		***100***	60.00	60.00	0.00
12 - Vacuum Vessel Systems										
Job: 1201 - Vacuum Vessel Prelim Dsn-GORANSON										
FY03 Actual Cost										
1201-002	Apr-Sept MIE Cost ORNL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	319,050.00	319,050.00	0.00
1201-003	Apr-MSept MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	105,370.00	105,370.00	0.00
Subtotal		**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	424,420.00	424,420.00	0.00
Job: 1202 - Vacuum Vessel R&D - VIOLA										
FY03 Actual Cost										
1202-002	Apr-Sept MIE Cost ORNL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	60.00	60.00	0.00
1202-003	Apr-Sept MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	128,340.00	128,340.00	0.00
Vessel Weld Joint R&D										
1202-700	Machine Segments	**09FEB04***	*09FEB04**	**20FEB04**	*20FEB04*	***93***		0.00	8,424.00	0.00
1202-702	Machine Flanges	**23FEB04**	*23FEB04*	**05MAR04**	*05MAR04*	***93***		0.00	8,424.00	0.00
1202-704	Weld Flanges	**08MAR04**	*08MAR04*	**19MAR04**	*19MAR04*	***93***		0.00	8,424.00	0.00
1202-706	Perform Test Welds	**22MAR04**	*22MAR04*	**02APR04**	*02APR04*	***93***		0.00	8,424.00	0.00
1202-708	Install Thermocouples	**05APR04**	*05APR04*	**05APR04**	*05APR04*	***93***		0.00	842.40	0.00
1202-709	Measure Distortion & temp on backside weld	**06APR04**	*06APR04*	**19APR04**	*19APR04*	***93***		0.00	21,280.00	0.00
1202-710	Prepare Report	**20APR04**	*20APR04*	**23APR04**	*23APR04*	***93***		0.00	3,214.00	0.00
1202-711	Supervision/QA	**09FEB04**	*09FEB04*	**23APR04**	*23APR04*	***93***		0.00	60,196.80	0.00
VV Subcontractor Oversight										
1202-400	Oversight and Contract Management	**01OCT03***	*01OCT03A*	**02JAN04**	*02JAN04*	***2,244***	***LOE***	24,467.82	62,738.00	10.64
1202-401	Oversight and Contract Management	**02JAN04***	*02JAN04**	**31MAR04**	*31MAR04*	***2,181***	***LOE***	0.00	48,687.50	0.00
1202-402	Oversight and Contract Management	**01APR04***	*01APR04**	**30JUL04**	*30JUL04*	***2,096***	***LOE***	0.00	18,572.50	0.00
Major Tool Subcontract (S04344F)										
1202-303	MT-Issue VVSA MIT/QA plans and C&S Est (3.1)	**02JUN03A**	*02JUN03A*	**13JUN03A**	*13JUN03A*		***100***	17,153.60	17,153.60	0.00
1202-305	MT-Issue Draft MIT/QA plan (3.2.1)	**13JUN03A**	*13JUN03A*	**27JUN03A**	*27JUN03A*		***100***	10,050.56	10,050.56	0.00
1202-310	MT-Incorp Comments & Reissue MIT/QA Plan (3.2.1)	**10JUL03A**	*10JUL03A*	**17JUL03A**	*17JUL03A*		***100***	0.00	0.00	0.00
1202-315	Fiinalize SOW/contract & Release MT for PVVS Fab	**18JUL03A**	*18JUL03A*	**15AUG03A**	*15AUG03A*		***100***	0.00	0.00	0.00
1202-320	MT-PPPL Fabrication Release			**15AUG03A**	*15AUG03A*		***100***	0.00	0.00	0.00
1202-324	MT-PVVS Begin Fabrication (3.2.2)	**18AUG03A**	*18AUG03A*	**30SEP03A**	*30SEP03A*		***100***	368,464.16	368,464.16	0.00
1202-325	MT-PVVS Complete Fabrication (3.2.2) [A/ 1]	**01OCT03**	*03NOV03**	**31MAR04**	*02DEC03*	***271***		0.00	80,007.20	-14,047.07
1202-325A	Vist MT for welding	**12NOV03***	*12NOV03**	**14NOV03**	*14NOV03*	***2,315***		0.00	2,584.00	0.00
1202-326	MT Fabricate Add'l Production Die Sets	**01JAN04***	*03NOV03*	**31MAR04**	*30JAN04*	***311***		0.00	93,205.84	0.00



Run Date 10NOV03 13:21

current schedule
november03 waf's
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Critical Activity

0310

NCSX
FY04 WAF BASELINE
**** 11/1/03 STATUS ****

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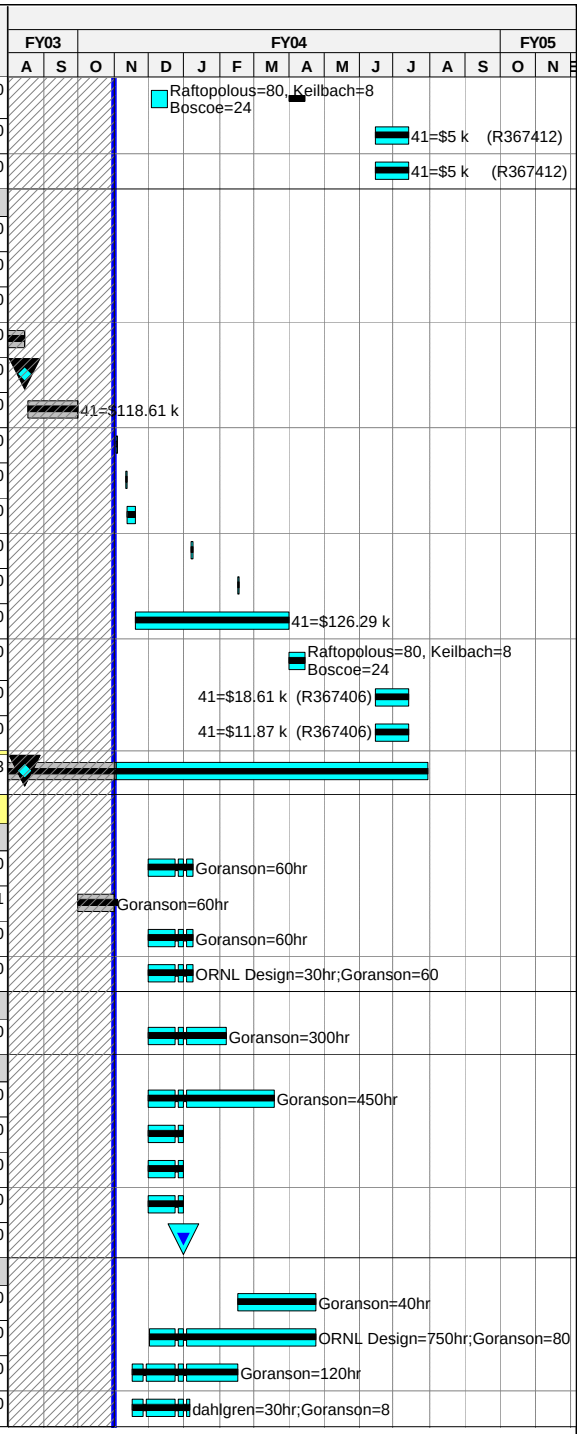
Activity ID	Activity Description	Baseline Start	Forecast Start	Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Budget at Completion (BAC)	Sched Var (BCWP - BCWS)
1202-327	PPPL Receipt Inspection of MT PVVS	01APR04	03DEC03	14APR04	16DEC03	259		0.00	14,148.00	0.00
1202-330	MT-Final MIT/QA plans for VVSA (3.3.1)	15JUN04	15JUN04	13JUL04	13JUL04	164		0.00	6,370.00	0.00
1202-335	MT-Firm Fixed Price Proposal for VVSA (3.3.2)	15JUN04	15JUN04	13JUL04	13JUL04	164		0.00	6,370.00	0.00
Rohwedder Subcontract (S04345F)										
1202-403	RW-Issue VVSA MIT/QA plans and C&S Est (3.1)	02JUN03A	02JUN03A	13JUN03A	13JUN03A		100	71,888.08	71,888.08	0.00
1202-405	RW-Issue Draft MIT/QA plan (3.2.1)	13JUN03A	13JUN03A	27JUN03A	27JUN03A		100	19,352.16	19,352.16	0.00
1202-410	RW-Incorp Comments&Reissue MIT/QA Plan (3.2.1)	10JUL03A	10JUL03A	17JUL03A	17JUL03A		100	0.00	0.00	0.00
1202-415	Fiinalize SOW/contract & Release MT for PVVS Fab	18JUL03A	18JUL03A	15AUG03A	15AUG03A		100	0.00	0.00	0.00
1202-420	RW-PPPL Fabrication Release			15AUG03A	15AUG03A		100	0.00	0.00	0.00
1202-424	RW-PVVS Begin Fabrication (3.2.2)	18AUG03A	18AUG03A	30SEP03A	30SEP03A		100	143,280.88	143,280.88	0.00
1202-424A	RW identify fabricator	03NOV03*	03NOV03*	03NOV03	03NOV03	191		0.00	0.00	0.00
1202-424B	PPPL approve new fabricator	12NOV03*	12NOV03*	12NOV03	12NOV03	185		0.00	0.00	0.00
1202-424C	PPPL review fabricator QA	13NOV03*	13NOV03*	19NOV03	19NOV03	185		0.00	0.00	0.00
1202-424D	PPPL visit fabricator (Jan)	07JAN04*	07JAN04*	08JAN04	08JAN04	2,276		0.00	0.00	0.00
1202-424E	PPPL visit fabricator (Feb)	16FEB04*	16FEB04*	17FEB04	17FEB04	2,248		0.00	0.00	0.00
1202-425	RW-PVVS Complete Fabrication (3.2.2)	20NOV03	20NOV03	31MAR04	31MAR04	185		0.00	160,893.46	0.00
1202-427	PPPL Receipt Inspection of RW PVVS	01APR04	01APR04	14APR04	14APR04	180		0.00	14,148.00	0.00
1202-430	RW-Final MIT/QA plans for VVSA (3.3.1)	15JUN04	15JUN04	13JUL04	13JUL04	164		0.00	23,709.14	0.00
1202-435	RW-Firm Fixed Price Proposal for VVSA (3.3.2)	15JUN04	15JUN04	13JUL04	13JUL04	164		0.00	15,122.38	0.00
Subtotal		01APR03A	01APR03A	30JUL04	30JUL04	2,108		783,057.26	1,424,374.66	-14,036.43
Job: 1203 - Vacuum Vessel Final Dsn-GORANSON										
Closeout PDR Design Deliverables										
1203-101	Prepare documents for PDR closeout	01DEC03*	01DEC03*	08JAN04	08JAN04	2,252		0.00	7,721.40	0.00
1203-111	Response to chits, prepare FY04 WP/WAF/Checklist	01OCT03*	01OCT03A	04NOV03	31OCT03A			7,721.40	7,721.40	617.71
1203-121	Review, revise, and approve SRD	01DEC03*	01DEC03*	08JAN04	08JAN04	2,252		0.00	7,721.40	0.00
1203-131	Complete preliminary design of insulation and he	01DEC03*	01DEC03*	08JAN04	08JAN04	2,252		0.00	11,582.10	0.00
Vessel Weld Joint R&D										
1203-405	Field Weld joint design	01DEC03*	01DEC03*	06FEB04	06FEB04	92		0.00	38,607.00	0.00
PDR Recommendations										
1203-400	350c Bakeout Study	01DEC03*	01DEC03*	19MAR04	19MAR04	2,201		0.00	57,910.50	0.00
1203-401	Analysis & testing of tube attachment method	01DEC03*	01DEC03*	30DEC03	30DEC03	2,257		0.00	0.00	0.00
1203-402	Determine thermal expansion vv to mcc clearance	01DEC03*	01DEC03*	30DEC03	30DEC03	2,257		0.00	0.00	0.00
1203-403	Determine cost of fabrication	01DEC03*	01DEC03*	30DEC03	30DEC03	2,257		0.00	0.00	0.00
1203-404	DECISION TO PROCEED WITH 350c BAKEOUT			30DEC03	30DEC03	2,257		0.00	0.00	0.00
Final Design Tasks										
1203-141	Finalize Spec for VV	16FEB04*	16FEB04*	23APR04	23APR04	91		0.00	5,147.60	0.00
1203-151	Update Drawings	02DEC03*	02DEC03*	23APR04	23APR04	91		0.00	106,812.70	0.00
1203-161	Finalize & Sign All ICDs	17NOV03*	17NOV03*	16FEB04	16FEB04	100		0.00	15,442.80	0.00
1203-171	Update/Perform Seismic Analyses	17NOV03*	17NOV03*	05JAN04	05JAN04	140		0.00	5,850.52	0.00



Run Date 10NOV03 13:21

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november03 waf's
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Critical Activity

0310

NCSX
FY04 WAF BASELINE
**** 11/1/03 STATUS ****

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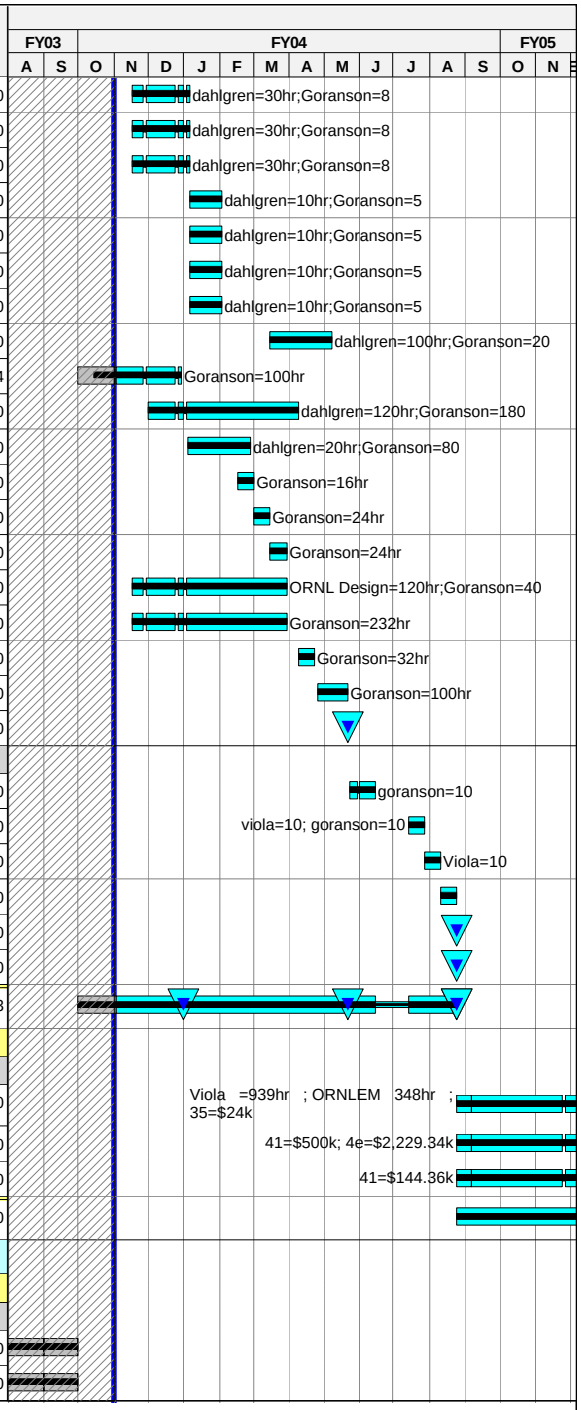
Activity ID	Activity Description	Baseline Start	Forecast Start	Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Budget at Completion (BAC)	Sched Var (BCWP - BCWS)
1203-181	Update/Perform Thermal Analyses	17NOV03*	17NOV03*	05JAN04	05JAN04	140		0.00	5,850.52	0.00
1203-191	Update/Perform Eddy Current Analyses	17NOV03*	17NOV03*	05JAN04	05JAN04	140		0.00	5,850.52	0.00
1203-201	Update/Perform FMECA Analyses	17NOV03*	17NOV03*	05JAN04	05JAN04	140		0.00	5,850.52	0.00
1203-211	Check Seismic Analyses	06JAN04*	06JAN04*	02FEB04	02FEB04	140		0.00	2,250.45	0.00
1203-221	Check Thermal Analyses	06JAN04*	06JAN04*	02FEB04	02FEB04	140		0.00	2,250.45	0.00
1203-231	Check Eddy Current Analyses	06JAN04*	06JAN04*	02FEB04	02FEB04	140		0.00	2,250.45	0.00
1203-241	Check FMECA Analyses	06JAN04*	06JAN04*	02FEB04	02FEB04	140		0.00	2,250.45	0.00
1203-251	Develop Qualification/Testing Plans	15MAR04*	15MAR04*	07MAY04	07MAY04	101		0.00	18,643.80	0.00
1203-261	Develop Assembly & Installation Plan	15OCT03*	01OCT03A	29DEC03	29DEC03	153	20	2,573.80	12,869.00	-772.14
1203-271	Develop Assembly & Installation Procedures	01DEC03*	01DEC03*	08APR04	08APR04	92		0.00	42,448.20	0.00
1203-281	Update Hazard Analyses and Get Approved	05JAN04*	05JAN04*	27FEB04	27FEB04	101		0.00	13,509.20	0.00
1203-291	Update Design Basis Document	17FEB04*	17FEB04*	01MAR04	01MAR04	100		0.00	2,059.04	0.00
1203-301	Update Cost and Schedule Estimates	02MAR04*	02MAR04*	15MAR04	15MAR04	100		0.00	3,088.56	0.00
1203-311	Provide Input to ECP for FDR	16MAR04*	16MAR04*	29MAR04	29MAR04	100		0.00	3,088.56	0.00
1203-351	Update Design and Factor into FDR Package	17NOV03*	17NOV03*	29MAR04	29MAR04	100		0.00	20,590.40	0.00
1203-361	Final Design of Insulation and Heating/Cooling	17NOV03*	17NOV03*	29MAR04	29MAR04	100		0.00	29,856.08	0.00
1203-321	Assemble FDR Drawing Package, Check & Promote	09APR04*	09APR04*	22APR04	22APR04	92		0.00	4,118.08	0.00
1203-331	Prepare Presentations	26APR04*	26APR04*	21MAY04	21MAY04	91		0.00	12,869.00	0.00
1203-341	Conduct FDR			21MAY04	21MAY04	91		0.00	0.00	0.00
Vacuum Vessel Vendor Selection										
121-6-6	Finalize tech Doc package & Resolve chits	24MAY04	24MAY04	14JUN04	14JUN04	153		0.00	1,286.90	0.00
121-6-8	Evaluate and Select VV Production Vendor	14JUL04	14JUL04	27JUL04	27JUL04	154		0.00	2,901.90	0.00
121-6-83	Negotiate with vendor	28JUL04	28JUL04	10AUG04	10AUG04	154		0.00	1,615.00	0.00
121-6-85	DOE Approve VV Selection & contract	11AUG04	11AUG04	24AUG04	24AUG04	154		0.00	0.00	0.00
121-6-9	Award VV Production Vendor (Phase funded)			24AUG04	24AUG04	154		0.00	0.00	0.00
121-36-9.2	Release for Fabrication			24AUG04	24AUG04	154		0.00	0.00	0.00
Subtotal		01OCT03	01OCT03A	24AUG04	24AUG04	2,091		10,295.20	460,014.50	-154.43
Job: 1250 - Vacuum Vessel Fabrication-GORANSON										
121-031	Title III engr (LOE)	25AUG04	25AUG04	30NOV06	30NOV06	1,514		0.00	249,650.60	0.00
121-038	VV vendor fabricate 3 periods (c/1)	25AUG04	25AUG04	01NOV05	01NOV05	159		0.00	2,948,437.56	0.00
121-038P	VV vendor fab, test & deliver ports (c/1)	25AUG04	25AUG04	01NOV05	01NOV05	283		0.00	149,268.24	0.00
Subtotal		25AUG04	25AUG04	30NOV06	30NOV06	1,514		0.00	3,347,356.40	0.00
13 - Conventional Coils										
Job: 1301 - Convential Coils Prel Design-KALISH										
FY03 Actual Cost										
1301-0002	Apr-Sept MIE Cost ORNL	01APR03A	01APR03A	30SEP03A	30SEP03A		100	0.00	0.00	0.00
1301-0003	Apr-Sept MIE Cost PPPL	01APR03A	01APR03A	30SEP03A	30SEP03A		100	91,660.00	91,660.00	0.00



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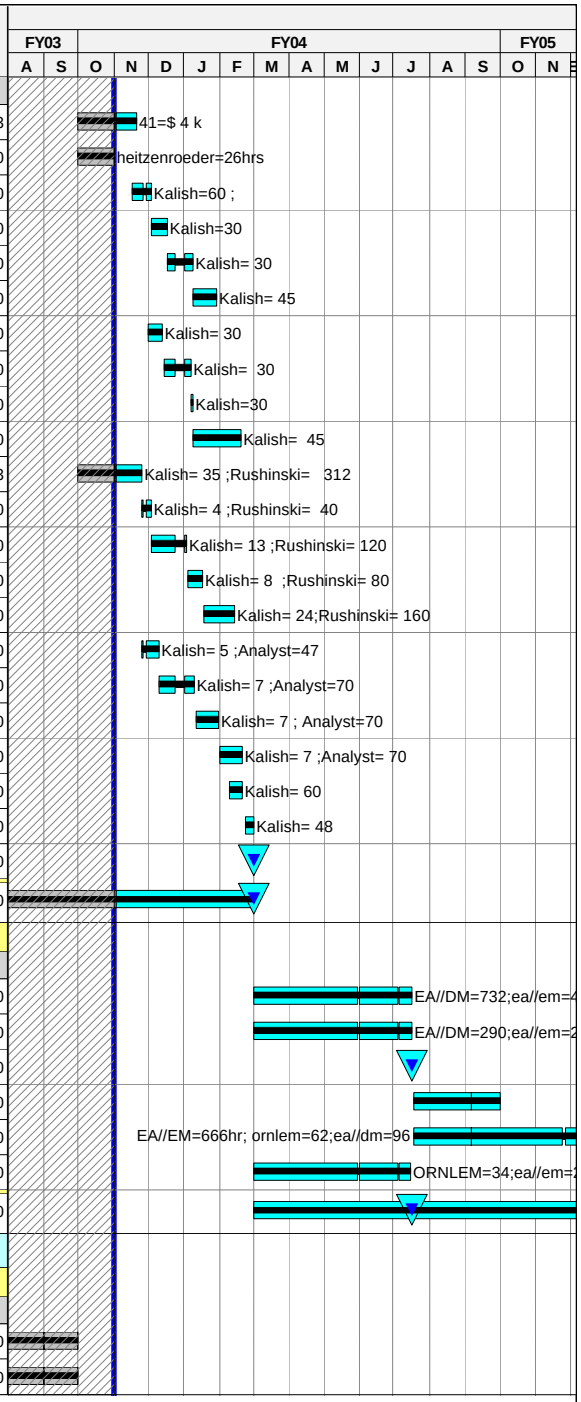
0310

NCSX
FY04 WAF BASELINE
**** 11/1/03 STATUS ****

Activity ID	Activity Description	Baseline Start	Forecast Start	Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Budget at Completion (BAC)	Sched Var (BCWP - BCWS)
1402-004	Subcontract analysis upport for PDR	01OCT03A	01OCT03A	20NOV03	20NOV03	2,266	62	3,169.71	5,096.00	1.93
1402-005	VV/MCC PDR support	01OCT03A	01OCT03A	31OCT03A	31OCT03A		100	4,178.20	4,178.20	0.00
1301-100	Prepare Scope Sheet to define interfaces	17NOV03*	17NOV03*	02DEC03	02DEC03	154		0.00	9,642.00	0.00
1301-105	Prepare Interface Dwgs for ICD's	03DEC03	03DEC03	16DEC03	16DEC03	154		0.00	4,821.00	0.00
1301-110	Finalize ICDs	17DEC03	17DEC03	08JAN04	08JAN04	154		0.00	4,821.00	0.00
1301-115	Update design Basis Document	09JAN04	09JAN04	29JAN04	29JAN04	154		0.00	7,231.50	0.00
1301-120	Finalize SRD	01DEC03*	01DEC03*	12DEC03	12DEC03	139		0.00	4,821.00	0.00
1301-140	Complete Draft SOW	15DEC03	15DEC03	06JAN04	06JAN04	139		0.00	4,821.00	0.00
1301-145	Post Draft SOW on WEB to Solicit Vendr Input	07JAN04	07JAN04	08JAN04	08JAN04	139		0.00	1,285.60	0.00
1301-150	Vendor Responses	09JAN04	09JAN04	19FEB04	19FEB04	139		0.00	7,231.50	0.00
1301-155	Trim Coil Layouts	01OCT03*	01OCT03A	24NOV03	24NOV03	138	20	11,152.58	55,762.90	-21,733.23
1301-160	Trim Coil Leads	25NOV03	25NOV03	03DEC03	03DEC03	143		0.00	7,070.80	0.00
1301-165	PF1-PF3 Support System Layouts	04DEC03	04DEC03	02JAN04	02JAN04	143		0.00	21,373.10	0.00
1301-170	New Lead Details	05JAN04	05JAN04	16JAN04	16JAN04	143		0.00	14,141.60	0.00
1301-175	Iterate & Finalize Design	19JAN04	19JAN04	13FEB04	13FEB04	143		0.00	29,568.80	0.00
1301-180	Update ANSYS model	25NOV03	25NOV03	10DEC03	10DEC03	138		0.00	8,356.40	0.00
1301-185	FEA Analysis Coils,Stress deflection	11DEC03	11DEC03	09JAN04	09JAN04	138		0.00	12,373.90	0.00
1301-190	FEA Analysis PF Supports,Stress Deflection	12JAN04	12JAN04	30JAN04	30JAN04	138		0.00	12,373.90	0.00
1301-195	Seismic Analysis	02FEB04	02FEB04	20FEB04	20FEB04	138		0.00	12,373.90	0.00
1301-125	Update Cost and Schedule	09FEB04*	09FEB04*	20FEB04	20FEB04	144		0.00	9,642.00	0.00
1301-130	Prepare for PDR	23FEB04	23FEB04	01MAR04	01MAR04	138		0.00	7,713.60	0.00
1301-135	PDR			01MAR04	01MAR04	138		0.00	0.00	0.00
Subtotal		01APR03A	01APR03A	01MAR04	01MAR04	2,203		110,160.49	336,359.70	-21,731.30
Job: 1303 - TF/PF Coil Final design-KALISH										
141-011	Title II design WBS 132 PF coils	02MAR04*	02MAR04*	16JUL04	16JUL04	138		0.00	161,580.91	0.00
131-011	Title II design WBS 131 TF coils	02MAR04*	02MAR04*	16JUL04	16JUL04	138		0.00	84,094.87	0.00
131-012	WBS 13 TF & PF FDR			16JUL04	16JUL04	138		0.00	0.00	0.00
131-034	Bid & Award TF Coils	19JUL04	19JUL04	30SEP04	30SEP04	138		0.00	0.00	0.00
131-031	Title III engr	19JUL04	19JUL04	21JUN06	21JUN06	1,625		0.00	129,545.69	0.00
163-011	Title II design WBS 152 CS sprt struc	02MAR04	02MAR04	14JUL04	14JUL04	487		0.00	51,488.66	0.00
Subtotal		02MAR04	02MAR04	21JUN06	21JUN06	1,625		0.00	426,710.13	0.00
14 - Modular Coils										
Job: 1401 - Mod Coil Prel.Dsn-WILLIAMSON										
FY03 Actual Cost										
1401-002	Apr-Sept MIE Cost ORNL	01APR03A	01APR03A	30SEP03A	30SEP03A		100	303,040.00	303,040.00	0.00
1401-003	Apr-Sept MIE Cost PPPL	01APR03A	01APR03A	30SEP03A	30SEP03A		100	0.00	0.00	0.00



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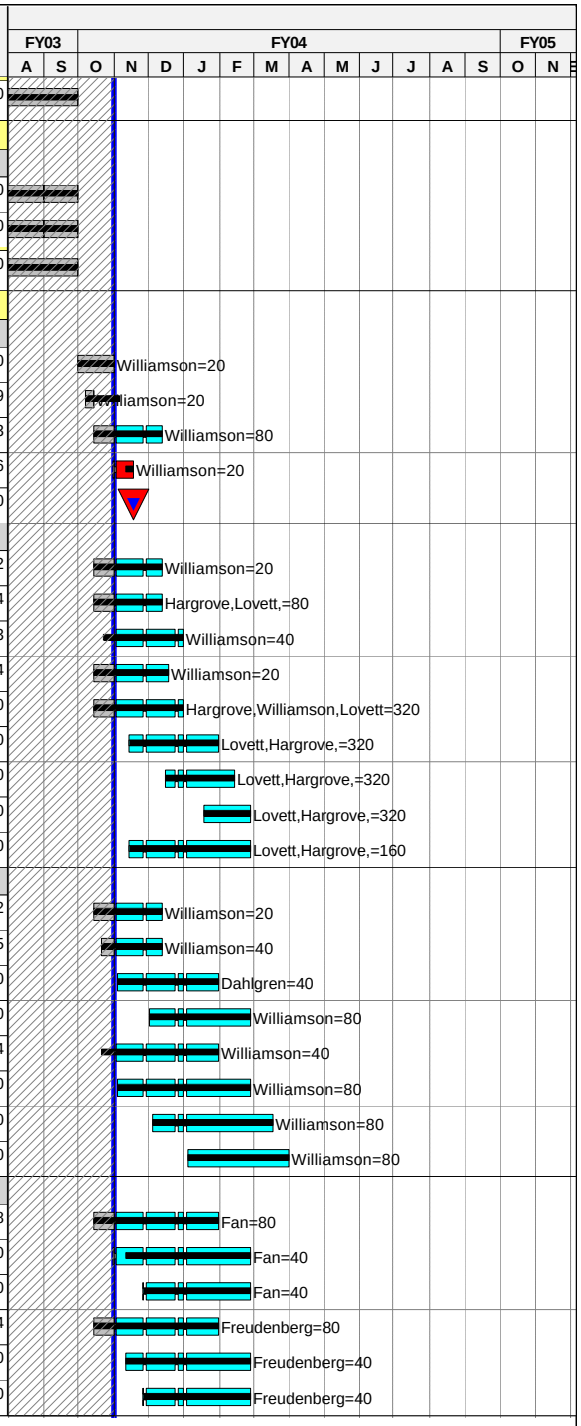
0310

NCSX
FY04 WAF BASELINE
**** 11/1/03 STATUS ****

Activity ID	Activity Description	Baseline Start	Forecast Start	Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Budget at Completion (BAC)	Sched Var (BCWP - BCWS)
Subtotal		01APR03A	01APR03A	30SEP03A	30SEP03A		100	303,040.00	303,040.00	0.00
Job: 1402 - Mod.Coil Analyses-WILLIAMSON										
FY03 Actual Cost										
1402-002	Apr-Sept MIE Cost ORNL	01APR03A	01APR03A	30SEP03A	30SEP03A		100	84,220.00	84,220.00	0.00
1402-003	Apr-Sept MIE Cost PPPL	01APR03A	01APR03A	30SEP03A	30SEP03A		100	154,920.00	154,920.00	0.00
Subtotal		01APR03A	01APR03A	30SEP03A	30SEP03A		100	239,140.00	239,140.00	0.00
Job: 1403 - Mod. Coil Final Design-WILLIAMSON										
PDR/PBR Prep										
1403-04	Plan response to PDR chits	01OCT03*	01OCT03A	31OCT03	31OCT03A		100	2,573.80	2,573.80	0.00
1403-05	Prepare FY04 WP / WAF / Checklists	08OCT03*	08OCT03A	05NOV03	14OCT03A		100	2,573.80	2,573.80	367.69
1403-06	Prepare documents for PDR closeout	15OCT03*	15OCT03A	12DEC03	12DEC03	2,267	25	2,573.80	10,295.20	-690.53
1403-07	Prepare PBR documentation	12NOV03*	31OCT03A	18NOV03	18NOV03	0	20	514.76	2,573.80	514.76
1403-08	Performance Baseline Review			18NOV03	18NOV03	0		0.00	0.00	0.00
Requirements,Config and Interfaces										
1403-10	Review, revise, and approve SRD	15OCT03*	15OCT03A	12DEC03	12DEC03	193	20	514.76	2,573.80	-301.32
1403-11	Prepare assembly / interface drawings for ICDs	15OCT03*	15OCT03A	12DEC03	12DEC03	187	25	2,573.80	10,295.20	-690.54
1403-12	Finalize and approve all ICDs	23OCT03*	03NOV03*	31DEC03	31DEC03	176		0.00	5,147.60	-783.33
1403-13	Finalize winding pack ref xsec, conductor dims	15OCT03*	15OCT03A	18DEC03	18DEC03	176	60	1,544.28	2,573.80	800.74
1403-14	Revise winding form and windings/asm models	15OCT03*	15OCT03A	31DEC03	31DEC03	176	25	10,327.38	41,309.49	0.00
1403-15	Prepare winding form asm / detail drawings	14NOV03*	14NOV03*	30JAN04	30JAN04	169		0.00	41,180.80	0.00
1403-16	Prepare detail drawings for windings and leads	16DEC03*	16DEC03*	13FEB04	13FEB04	159		0.00	41,180.80	0.00
1403-17	Prepare detail drawings for clamps&chill plates	19JAN04*	19JAN04*	27FEB04	27FEB04	149		0.00	41,180.80	0.00
1403-18	Prepare instrumentation drawings	14NOV03*	14NOV03*	27FEB04	27FEB04	136		0.00	20,590.40	0.00
Analysis- Thermal & Electrical										
1403-21	Document electrical, insulation parameters	15OCT03*	15OCT03A	12DEC03	12DEC03	202	50	1,286.90	2,573.80	470.82
1403-22	Update thermal analysis to current WP design	22OCT03*	22OCT03A	12DEC03	12DEC03	202	60	3,088.56	5,147.60	1,944.65
1403-23	Update thermo-hydraulic analysis of coils	05NOV03*	05NOV03*	30JAN04	30JAN04	171		0.00	6,428.00	0.00
1403-24	Update eddy current analysis of assembly	02DEC03*	02DEC03*	27FEB04	27FEB04	151		0.00	10,295.20	0.00
1403-25	Check EM loads calculation for ref scenarios	22OCT03*	03NOV03*	30JAN04	30JAN04	171		0.00	5,147.60	-614.64
1403-26	Perform scan of EM fault load conditions	05NOV03*	05NOV03*	27FEB04	27FEB04	151		0.00	10,295.20	0.00
1403-26.1	Check thermal & electrical calculations	05DEC03*	05DEC03*	17MAR04	17MAR04	138		0.00	10,295.20	0.00
1403-27	Prepare thermal, electrical analysis report	05JAN04*	05JAN04*	31MAR04	31MAR04	128		0.00	10,295.20	0.00
Analysis -Structural										
1403-29	Complete ANSYS model of coil structure asm	15OCT03*	15OCT03A	30JAN04	30JAN04	171	25	3,214.00	12,856.00	892.78
1403-30	Analyze global stress /deflect winding form asm	12NOV03*	31OCT03A	27FEB04	27FEB04	151	25	1,607.00	6,428.00	1,607.00
1403-31	Analyze stress in bolted connections	26NOV03*	26NOV03*	27FEB04	27FEB04	151		0.00	6,428.00	0.00
1403-32	Update MECHANICA model of 3 coil types	15OCT03*	15OCT03A	30JAN04	30JAN04	171	25	2,573.80	10,295.20	714.94
1403-33	Anlyz wind pack deflect/stress fo thrml, EM lds	12NOV03*	12NOV03*	27FEB04	27FEB04	151		0.00	5,147.60	0.00
1403-34	Analyze and optimize clamp locations	26NOV03*	26NOV03*	27FEB04	27FEB04	151		0.00	5,147.60	0.00



Run Date 10NOV03 13:21

current schedule
november03 waf's
Progress Bar
Critical Activity

0310

NCSX
FY04 WAF BASELINE
**** 11/1/03 STATUS ****

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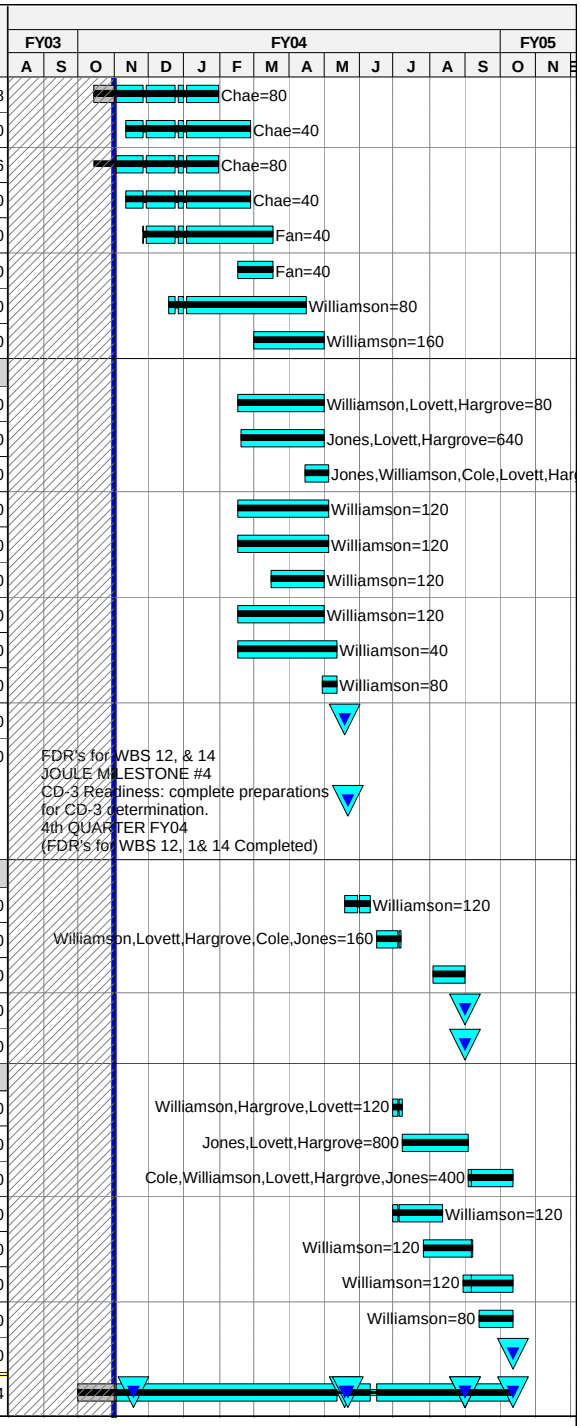
Activity ID	Activity Description	Baseline Start	Forecast Start	Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Budget at Completion (BAC)	Sched Var (BCWP - BCWS)
1403-35	Update ABAQUS model 3 coil types w/clamp geom	**15OCT03***	*15OCT03A*	**30JAN04**	*30JAN04*	***171***	***20***	2,059.04	10,295.20	200.18
1403-36	Analyze clamps&stress due to thrml, EM loading	**12NOV03***	*12NOV03**	**27FEB04**	*27FEB04*	***151***		0.00	5,147.60	0.00
1403-37	Prepare ABAQUS model of coil elec leads region	**15OCT03***	*03NOV03**	**30JAN04**	*30JAN04*	***171***		0.00	10,295.20	-1,858.86
1403-38	Analyze stress/deflection in leads	**12NOV03***	*12NOV03**	**27FEB04**	*27FEB04*	***151***		0.00	5,147.60	0.00
1403-39	Analyze gravity, equip, seismic loading	**26NOV03***	*26NOV03**	**17MAR04**	*17MAR04*	***138***		0.00	6,428.00	0.00
1403-40	Analyze combined loads and fault conditions	**16FEB04***	*16FEB04**	**17MAR04**	*17MAR04*	***138***		0.00	6,428.00	0.00
1403-40.1	Check Structural Calculations	**19DEC03***	*19DEC03**	**16APR04**	*16APR04*	***116***		0.00	10,295.20	0.00
1403-41	Prepare structural analysis report	**01MAR04***	*01MAR04**	**30APR04**	*30APR04*	***106***		0.00	20,590.40	0.00
Winding Form FDR Prep										
1403-43	Incorporate changes due to prototype fabr	**16FEB04***	*16FEB04**	**30APR04**	*30APR04*	***106***		0.00	10,423.89	0.00
1403-44	Prepare final drawings for winding forms, asm	**20FEB04***	*20FEB04**	**30APR04**	*30APR04*	***106***		0.00	82,232.91	0.00
1403-45	Check and promote models / drawings	**15APR04***	*15APR04**	**05MAY04**	*05MAY04*	***103***		0.00	41,180.80	0.00
1403-46	Update build-to specification / SOW	**16FEB04***	*16FEB04**	**05MAY04**	*05MAY04*	***103***		0.00	15,442.80	0.00
1403-47	Prepare failure modes assessment (FMECA)	**16FEB04***	*16FEB04**	**05MAY04**	*05MAY04*	***103***		0.00	15,442.80	0.00
1403-48	Update design basis document	**17MAR04***	*17MAR04**	**30APR04**	*30APR04*	***106***		0.00	15,442.80	0.00
1403-49	Update cost / schedule estimates	**16FEB04***	*16FEB04**	**30APR04**	*30APR04*	***106***		0.00	15,442.80	0.00
1403-49.1	Process ECP for all changes	**16FEB04***	*16FEB04**	**12MAY04**	*12MAY04*	***98***		0.00	5,147.60	0.00
1403-50	Prepare FDR documentation / presentations	**30APR04***	*30APR04**	**12MAY04**	*12MAY04*	***98***		0.00	10,295.20	0.00
1403-51	Final Design Review			**19MAY04***	*19MAY04**	***93***		0.00	0.00	0.00
C-081.1	JOULE MILESTONE #4 - CD-3 Readiness			**21MAY04**	*21MAY04*	***91***		0.00	0.00	0.00
Post FDR Update,Planning										
1403-53	Resolve FDR comments and recommendations	**20MAY04**	*20MAY04*	**10JUN04**	*10JUN04*	***95***		0.00	15,442.80	0.00
1403-54	Rev/approve specs,models,dwgs for construction	**17JUN04**	*17JUN04*	**06JUL04**	*06JUL04*	***91***		0.00	20,590.40	0.00
C-071	Project eval cost proposals & select vendor	**04AUG04**	*04AUG04*	**31AUG04**	*31AUG04*	***91***		0.00	0.00	0.00
C-081	Castings-Award Mfg contract (phase funded)	**01SEP04***	*01SEP04**			***91***		0.00	0.00	0.00
C-082	Castings-Release f/ engr/tooling&fabrication	**01SEP04**	*01SEP04*			***91***		0.00	0.00	0.00
Windings and Assembly Design										
1403-56	Inc changes due to racetrack testing	**30JUN04***	*30JUN04**	**08JUL04**	*08JUL04*	***155***		0.00	15,442.80	0.00
1403-57	Prep final dwgs windings, leads,c plates,clamps	**09JUL04**	*09JUL04*	**02SEP04**	*02SEP04*	***155***		0.00	103,080.69	0.00
1403-58	Check and promote models / drawings	**03SEP04**	*03SEP04*	**11OCT04**	*11OCT04*	***155***		0.00	52,787.70	0.00
1403-59	Update build-to specifications	**30JUN04***	*30JUN04**	**11AUG04**	*11AUG04*	***197***		0.00	15,442.80	0.00
1403-60	Update design basis document	**27JUL04***	*27JUL04**	**07SEP04**	*07SEP04*	***179***		0.00	15,442.80	0.00
1403-61	Update cost / schedule estimates	**30AUG04***	*30AUG04**	**11OCT04**	*11OCT04*	***155***		0.00	15,783.84	0.00
1403-62	Prepare FDR documentation / presentations	**14SEP04***	*14SEP04**	**11OCT04**	*11OCT04*	***155***		0.00	10,636.24	0.00
1403-63	Final Design Review			**11OCT04**	*11OCT04*	***155***		0.00	0.00	0.00
Subtotal		**01OCT03**	*01OCT03A*	**11OCT04**	*11OCT04*	***2,058***		37,025.68	881,158.36	2,574.34



Run Date **10NOV03 13:21**

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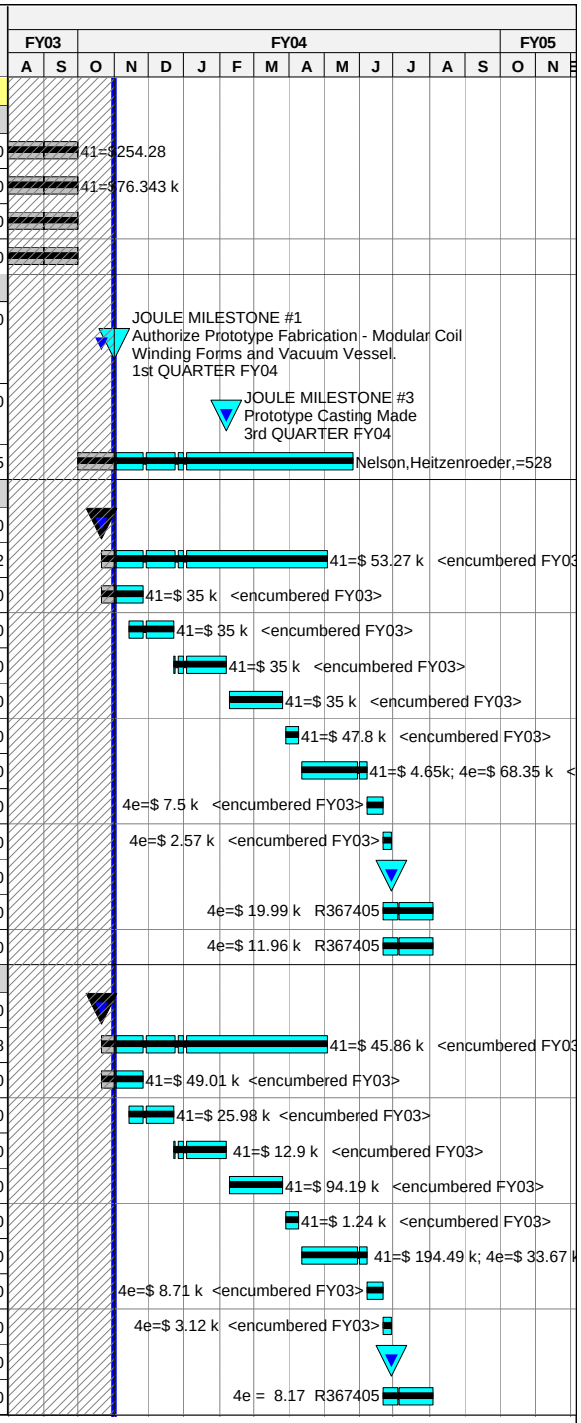
current schedule
november03 waf's
Progress Bar
Critical Activity

0310

NCSX
FY04 WAF BASELINE
**** 11/1/03 STATUS ****

Activity ID	Activity Description	Baseline Start	Forecast Start	Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Budget at Completion (BAC)	Sched Var (BCWP - BCWS)
Job:1404-Mod Coil Winding Form R&D-HEITZENROEDER										
FY03 Actual Cost										
1404-100	EIO-Cost FY03	**01MAY03A**	*01MAY03A*	**30SEP03A**	*30SEP03A*		***100***	307,170.24	307,170.24	0.00
1404-200	JPP- cost FY03	**01MAY03A**	*01MAY03A*	**30SEP03A**	*30SEP03A*		***100***	92,218.72	92,218.72	0.00
1404-002	Apr-Sept YTD MIE Cost ORNL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	100,220.00	100,220.00	0.00
1404-003	Apr-Sept YTD MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	64,670.00	64,670.00	0.00
Prototype Design Issues										
1404-109.J	JOULE MILESTONE #1-Authorize Prototype Fab			**20OCT03**	*31OCT03*	***39***		0.00	0.00	0.00
1404-110.J	JOULE MILESTONE #3-Prototype Casting Made			**06FEB04**	*06FEB04*	***102***		0.00	0.00	0.00
1404-65	Fabrication oversight by Project	**01OCT03***	*01OCT03A*	**26MAY04**	*26MAY04*	***2,153***	***LOE***	10,459.27	75,246.60	-29.65
EIO Subcontract (S04341F)										
1404-68	Authorization by PPPL			**20OCT03***	*20OCT03A*			0.00	0.00	0.00
1404-69	Oversight / reporting (4.1 & 4.2)	**21OCT03**	*21OCT03A*	**04MAY04**	*04MAY04*	***2,169***	***LOE***	4,547.02	67,865.98	22.62
1404-70	Process model	**21OCT03**	*21OCT03A*	**26NOV03**	*26NOV03*	***107***		14,863.33	44,590.00	0.00
1404-71	Build pattern	**14NOV03***	*14NOV03**	**22DEC03**	*22DEC03*	***91***		0.00	44,590.00	0.00
1404-72	EIO Make casting	**23DEC03**	*23DEC03*	**06FEB04**	*06FEB04*	***91***		0.00	44,590.00	0.00
1404-73	Inspect, repair, heat treat	**09FEB04**	*09FEB04*	**26MAR04**	*26MAR04*	***91***		0.00	44,590.00	0.00
1404-74	Ship, setup for machining	**29MAR04**	*29MAR04*	**09APR04**	*09APR04*	***91***		0.00	60,897.20	0.00
1404-75	Perform machining	**12APR04**	*12APR04*	**07JUN04**	*07JUN04*	***91***		0.00	75,641.10	0.00
1404-76	Final inspection	**08JUN04**	*08JUN04*	**21JUN04**	*21JUN04*	***91***		0.00	7,650.00	0.00
1404-77	Ship to PPPL	**22JUN04**	*22JUN04*	**28JUN04**	*28JUN04*	***91***		0.00	2,621.40	0.00
1404-77.1	EIO-Deliver Prototype			**28JUN04**	*28JUN04*	***91***		0.00	0.00	0.00
1404-79	Final MIT/QA plan	**22JUN04**	*22JUN04*	**03AUG04**	*03AUG04*	***91***		0.00	20,389.80	0.00
1404-80	Fixed price proposal	**22JUN04**	*22JUN04*	**03AUG04**	*03AUG04*	***91***		0.00	12,199.20	0.00
JP Pattern Subcontract (S04340F)										
1404-82	Authorization by PPPL to begin Fabrication			**20OCT03***	*20OCT03A*			0.00	0.00	0.00
1404-83	Oversight / reporting	**21OCT03**	*21OCT03A*	**04MAY04**	*04MAY04*	***2,169***		3,914.52	58,425.64	19.48
1404-84	Process model	**21OCT03**	*21OCT03A*	**26NOV03**	*26NOV03*	***107***		20,812.91	62,438.74	0.00
1404-85	Build pattern	**14NOV03***	*14NOV03**	**22DEC03**	*22DEC03*	***91***		0.00	33,098.52	0.00
1404-86	JPP Make casting	**23DEC03**	*23DEC03*	**06FEB04**	*06FEB04*	***91***		0.00	16,434.60	0.00
1404-87	Inspect, repair, heat treat	**09FEB04**	*09FEB04*	**26MAR04**	*26MAR04*	***91***		0.00	119,998.06	0.00
1404-88	Ship, setup for machining	**29MAR04**	*29MAR04*	**09APR04**	*09APR04*	***91***		0.00	1,579.76	0.00
1404-89	Perform machining	**12APR04**	*12APR04*	**07JUN04**	*07JUN04*	***91***		0.00	282,123.66	0.00
1404-90	Final inspection	**08JUN04**	*08JUN04*	**21JUN04**	*21JUN04*	***91***		0.00	8,884.20	0.00
1404-91	Ship to PPPL	**22JUN04**	*22JUN04*	**28JUN04**	*28JUN04*	***91***		0.00	3,182.40	0.00
1404-91.1	JPP-Deliver Prototype			**28JUN04**	*28JUN04*	***91***		0.00	0.00	0.00
1404-93	Final MIT/QA plan	**22JUN04**	*22JUN04*	**03AUG04**	*03AUG04*	***91***		0.00	8,333.40	0.00



Run Date **10NOV03 13:21**

current schedule
november03 waf's
Progress Bar
Critical Activity

0310

NCSX
FY04 WAF BASELINE
**** 11/1/03 STATUS ****

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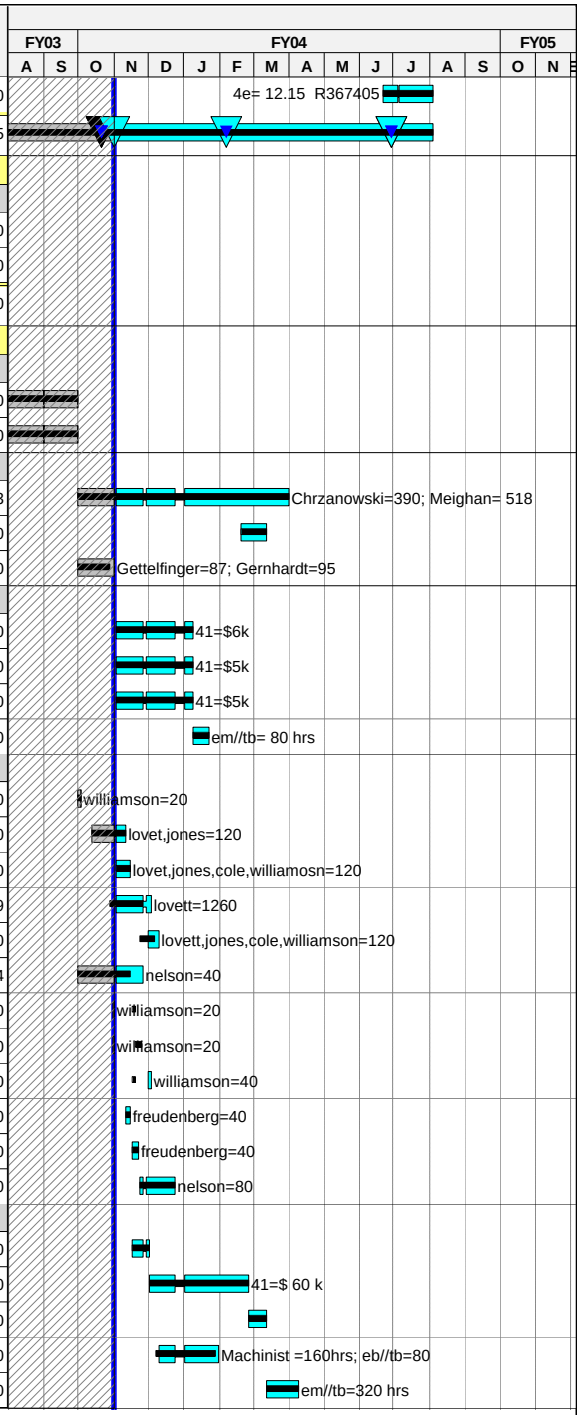
Activity ID	Activity Description	Baseline Start	Forecast Start	Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Budget at Completion (BAC)	Sched Var (BCWP - BCWS)
1404-94	Fixed price proposal	**22JUN04**	*22JUN04*	**03AUG04**	*03AUG04*	***91***		0.00	12,393.00	0.00
Subtotal		**01APR03A**	*01APR03A*	**03AUG04**	*03AUG04*	***2,106***		618,876.01	1,672,042.22	12.45
Job: 1405-Mod Coil Winding R&D Prep-CHRZANOWSKI										
FY03 Actual Cost										
1405-002	Apr-Sep YTD MIE Cost ORNL	**01APR03A**	*01APR03A*	**30MAY03A**	*30MAY03A*			0.00	0.00	0.00
1405-003	Apr-Sep YTD MIE Cost PPPL	**01APR03A**	*01APR03A*	**30MAY03A**	*30MAY03A*			168,070.00	168,070.00	0.00
Subtotal		**01APR03A**	*01APR03A*	**30MAY03A**	*30MAY03A*			168,070.00	168,070.00	0.00
Job: 1406 - Mod. Coil Winding R&D-CHRZANOWSKI										
FY03 Actual Cost										
1406-0002	Apr-Sep YTD MIE Cost ORNL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	0.00	0.00	0.00
1406-0003	Apr-Sep YTD MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	831,120.00	831,120.00	0.00
Oversight & Supervision										
1406-000	Supervision & Oversight	**01OCT03***	*01OCT03A*	**31MAR04**	*31MAR04*	***2,181***	***LOE***	22,154.28	117,218.40	55.73
1406-047	Prepare R&D report	**19FEB04**	*19FEB04*	**12MAR04**	*12MAR04*	***2,194***		0.00	0.00	0.00
1406-048	Testing & Strain Gauge Design	**01OCT03***	*01OCT03A*	**28OCT03**	*31OCT03A*		***100***	24,253.50	24,253.50	0.00
Keystone R&D										
1406-001	Purchase 10 spools conductor (twisted racetrack)	**03NOV03***	*03NOV03**	**08JAN04**	*08JAN04*	***58***		0.00	7,644.00	0.00
1406-003	Purchase 8 spools conductor (long twisted windin	**03NOV03***	*03NOV03**	**08JAN04**	*08JAN04*	***2,240***		0.00	7,644.00	0.00
1406-005	Purchase epoxy & Insulation	**03NOV03***	*03NOV03**	**08JAN04**	*08JAN04*	***245***		0.00	6,370.00	0.00
1406-010	Keystone Test for New Conductor	**09JAN04**	*09JAN04*	**22JAN04**	*22JAN04*	***2,230***		0.00	6,144.00	0.00
Twisted Racetrack Design (ORNL Williamson)										
1406-097	Verify Conductor Dims	**01OCT03**	*01OCT03A*	**03OCT03**	*03OCT03A*		***100***	2,573.80	2,573.80	0.00
1406-098	Complete Drawings of Casting	**13OCT03***	*13OCT03A*	**10NOV03**	*10NOV03*	***180***	***60***	9,265.68	15,442.80	-1,764.90
1406-099	Review/Approve Casting Drawings	**03NOV03**	*03NOV03*	**14NOV03**	*14NOV03*	***180***		0.00	15,442.80	0.00
1406-101	Prepare Clamp & Chill Plate detail Drawings	**29OCT03***	*03NOV03**	**26NOV03**	*03DEC03*	***209***		0.00	20,590.40	-2,941.49
1406-102	Review/Approve Clamp& Chill Plate Dwgs	**24NOV03**	*01DEC03*	**05DEC03**	*10DEC03*	***209***		0.00	15,442.80	0.00
1406-104	Prepare Draft of Coil Test Plan	**01OCT03**	*01OCT03A*	**14NOV03**	*26NOV03*	***279***	***30***	1,544.28	5,147.60	-2,043.44
1406-105	Prepare ANSYS thermal analysis model	**17NOV03**	*31OCT03A*	**19NOV03**	*31OCT03A*		***100***	2,573.80	2,573.80	2,573.80
1406-106	Analyze Thermal Behavior due to pulse	**20NOV03**	*31OCT03A*	**24NOV03**	*31OCT03A*		***100***	2,573.80	2,573.80	2,573.80
1406-107	Calculate EM Loads due to max current	**17NOV03**	*01DEC03*	**19NOV03**	*03DEC03*	***279***		0.00	5,147.60	0.00
1406-108	Prep MECHANICA Struct Analysis Model	**12NOV03***	*12NOV03**	**14NOV03**	*14NOV03*	***265***		0.00	5,147.60	0.00
1406-109	Analyze Stress/deflection due to cooldown,pulse	**17NOV03**	*17NOV03*	**21NOV03**	*21NOV03*	***265***		0.00	5,147.60	0.00
1406-110	Finalize, Approve coil test plan	**24NOV03***	*24NOV03**	**23DEC03**	*23DEC03*	***265***		0.00	10,295.20	0.00
Twisted Racetrack Fabrication (PPPL Chrzanowski)										
1406-014	Award Casting to EIO or JPP	**17NOV03**	*17NOV03*	**01DEC03**	*01DEC03*	***180***		0.00	0.00	0.00
1406-016	Procure casting from EIO/JPP (new scope)	**02DEC03**	*02DEC03*	**26FEB04**	*26FEB04*	***180***		0.00	76,440.00	0.00
1406-016.1	Inspect & Measure Casting	**27FEB04**	*27FEB04*	**11MAR04**	*11MAR04*	***180***		0.00	0.00	0.00
1406-016.5	PPPL Fabricate chill plates and clamps	**08DEC03***	*11DEC03**	**27JAN04**	*30JAN04*	***209***		0.00	22,992.00	0.00
1406-017	Wind twisted racetrack	**12MAR04**	*12MAR04*	**08APR04**	*08APR04*	***180***		0.00	24,576.00	0.00



Run Date **10NOV03 13:21**

current schedule
november03 waf's
Progress Bar
Critical Activity

0310

NCSX
FY04 WAF BASELINE
**** 11/1/03 STATUS ****

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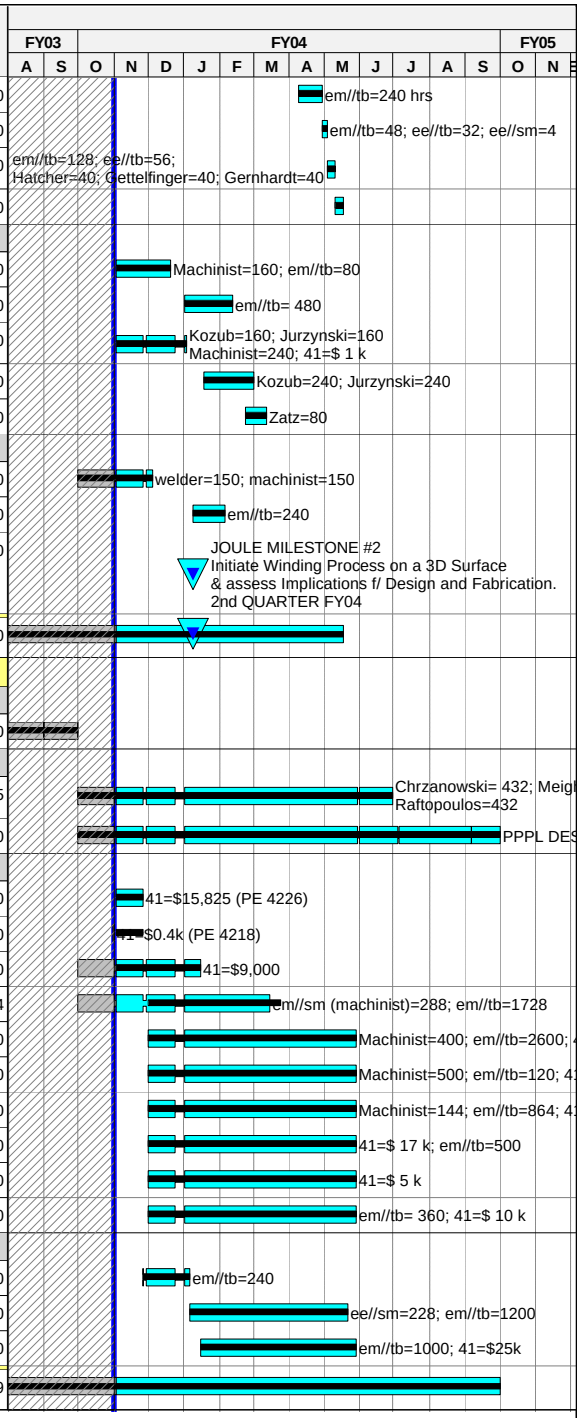
Activity ID	Activity Description	Baseline Start	Forecast Start	Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Budget at Completion (BAC)	Sched Var (BCWP - BCWS)
1406-018	Mold & VPI twisted racetrack	09APR04	09APR04	29APR04	29APR04	180		0.00	18,432.00	0.00
1406-019	Setup coil in test stand	30APR04	30APR04	03MAY04	03MAY04	180		0.00	10,224.80	0.00
1406-021	Perform tests	04MAY04	04MAY04	10MAY04	10MAY04	180		0.00	30,853.60	0.00
1406-023	Section and Evaluate coil turns	11MAY04	11MAY04	17MAY04	17MAY04	180		0.00	0.00	0.00
Conductor Property Testing										
1406-029	Fab New Specimen Molds	03NOV03*	03NOV03*	19DEC03	19DEC03	149		0.00	22,992.00	0.00
1406-030	Fab & Pot samples	02JAN04*	02JAN04*	12FEB04	12FEB04	138		0.00	36,864.00	0.00
1406-031	Prep fixtures and test equipt	03NOV03*	03NOV03*	02JAN04	02JAN04	146		0.00	69,234.00	0.00
1406-032	Test samples	19JAN04*	19JAN04*	01MAR04	01MAR04	136		0.00	64,032.00	0.00
1406-033	Prepare Test report	23FEB04*	23FEB04*	12MAR04	12MAR04	132		0.00	12,856.00	0.00
"Inch Worm" Twisted Winding (PDR RECOMMENDATION)										
1406-119	Join straight sections w/2 end loops	01OCT03	01OCT03A	04DEC03	04DEC03	76	25	7,897.50	31,590.00	-8,248.50
1406-120	Wind Conductor	09JAN04	09JAN04	05FEB04	05FEB04	58		0.00	18,432.00	0.00
1406-040	JOULE MILESTONE #2-Begin winding on 3D surface	09JAN04	09JAN04			58		0.00	0.00	0.00
Subtotal		01APR03A	01APR03A	17MAY04	17MAY04	2,160		903,956.64	1,545,438.10	-9,795.00
Job: 1407 -MC Winding Facilities-CHRZANOWSKI										
FY03 Actual Cost										
1407-001	Apr-Sep YTD MIE Cost PPPL	01APR03A	01APR03A	30SEP03A	30SEP03A		100	267,550.00	267,550.00	0.00
Oversight and Supervision										
1407-002	Winding Facility, Tooling, Materials Oversight	01OCT03*	01OCT03A	30JUN04	30JUN04	2,117	LOE	23,980.39	193,390.20	66.55
1407-003	Winding Facility, Tooling, Design	01OCT03*	01OCT03A	30SEP04	30SEP04	2,053	LOE	12,523.85	136,128.80	0.00
Autoclave, Turning Fixture & other components										
1407-005	Domes & cylinder Fab & Deliver (PE4226)	03NOV03*	03NOV03*	26NOV03	26NOV03	207		0.00	20,167.42	0.00
1407-006.2	Blower/Elec HW- Fab & Deliver (PE 4218)	03NOV03*	31OCT03A	26NOV03	31OCT03A		100	509.60	509.60	509.60
1407-008	Remaining Autoclave components-Deliver	03NOV03*	01OCT03A	14JAN04	14JAN04	246	30	3,439.80	11,466.00	3,439.80
1407-011	Fabricate Autoclave	01DEC03*	01OCT03A	24MAR04	15MAR04	203	8	13,271.04	163,036.80	13,271.04
1407-100	Fabricate turning fixtures and coil supports	01DEC03*	01DEC03*	28MAY04	28MAY04	149		0.00	305,500.00	0.00
1407-110	Fabricate Winding clamp sets (100)	01DEC03*	01DEC03*	28MAY04	28MAY04	149		0.00	80,976.00	0.00
1407-115	Fabricate Conductor payout spool system	01DEC03*	01DEC03*	28MAY04	28MAY04	149		0.00	94,258.40	0.00
1407-125	Fabricate VPI tanks & equipt/components	01DEC03*	01DEC03*	28MAY04	28MAY04	149		0.00	63,898.00	0.00
1407-130	Misc tools & equipt	01DEC03*	01DEC03*	28MAY04	28MAY04	149		0.00	6,370.00	0.00
1407-135	Fabricate Coil support structure (2)	01DEC03*	01DEC03*	28MAY04	28MAY04	149		0.00	40,388.00	0.00
Area Preparation										
1407-200	Decon TFTR test Cell Crane	26NOV03*	26NOV03*	05JAN04	05JAN04	154		0.00	18,432.00	0.00
1407-202	Setup facility stations	06JAN04	06JAN04	21MAY04	21MAY04	154		0.00	116,647.20	0.00
1407-204	Build cleanrooms (2) locations	16JAN04*	16JAN04*	28MAY04	28MAY04	149		0.00	108,650.00	0.00
Subtotal		01APR03A	01APR03A	30SEP04	30SEP04	2,053		321,274.68	1,627,368.42	17,286.99



Run Date 10NOV03 13:21

current schedule
november03 waf's
Progress Bar
Critical Activity

0310

NCSX
FY04 WAF BASELINE
**** 11/1/03 STATUS ****

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Activity ID	Activity Description	Baseline Start	Forecast Start	Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Budget at Completion (BAC)	Sched Var (BCWP - BCWS)
Job:1408-Mod Coil Winding Supplies-CHRZANOWSKI										
FY03 Actual Cost										
1408-001	Apr-Sep YTD MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	29,790.00	29,790.00	0.00
Materials , Supplies, Machining										
1408-101	Insulation-Spec & Requisition	**03FEB04**	*03FEB04*	**16FEB04**	*16FEB04*	***128***		0.00	0.00	0.00
1408-103	Insulation-Bid & Award	**17FEB04**	*17FEB04*	**29MAR04**	*29MAR04*	***128***		0.00	0.00	0.00
1408-105	Insulation-Delivery for Prototype	**30MAR04**	*30MAR04*	**08JUN04**	*08JUN04*	***128***		0.00	3,822.00	0.00
1408-107	Insulation-Delivery for Production	**20JUL04***	*20JUL04**	**28SEP04**	*28SEP04*	***132***		0.00	82,810.00	0.00
1408-111	Epoxy -Spec & Requisition	**13APR04**	*13APR04*	**26APR04**	*26APR04*	***128***		0.00	0.00	0.00
1408-113	Epoxy -Bid & Award	**27APR04**	*27APR04*	**08JUN04**	*08JUN04*	***128***		0.00	0.00	0.00
1408-115	Epoxy -Delivery for Prototype	**09JUN04**	*09JUN04*	**07JUL04**	*07JUL04*	***128***		0.00	6,370.00	0.00
1408-117	Epoxy -1st Delivery for Production	**18NOV04**	*18NOV04*	**17DEC04**	*17DEC04*	***96***		0.00	19,380.00	0.00
1408-119	Epoxy -2nd Delivery for Production	**15FEB05**	*15FEB05*	**14MAR05**	*14MAR05*	***112***		0.00	19,380.00	0.00
1408-121	Epoxy -3rd Delivery for Production	**02MAY05**	*02MAY05*	**27MAY05**	*27MAY05*	***114***		0.00	19,380.00	0.00
1408-123	Epoxy -4th Delivery for Production	**15JUL05**	*15JUL05*	**11AUG05**	*11AUG05*	***122***		0.00	19,380.00	0.00
1408-125	Epoxy -5th Delivery for Production	**27SEP05**	*27SEP05*	**24OCT05**	*24OCT05*	***125***		0.00	19,575.00	0.00
1408-127	Epoxy -6th Delivery for Production	**15DEC05**	*15DEC05*	**13JAN06**	*13JAN06*	***126***		0.00	19,575.00	0.00
1408-131	Chill plates & clamps -Spec & Requisition	**16MAR04**	*16MAR04*	**29MAR04**	*29MAR04*	***128***		0.00	0.00	0.00
1408-133	Chill plates & clamps -Bid & Award	**30MAR04**	*30MAR04*	**10MAY04**	*10MAY04*	***128***		0.00	0.00	0.00
1408-135	Chill plates & clamps -Delivery for Prototype	**11MAY04**	*11MAY04*	**07JUL04**	*07JUL04*	***128***		0.00	15,288.00	0.00
1408-137	Chill plates & clamps -Delivery for Production	**21OCT04**	*21OCT04*	**17DEC04**	*17DEC04*	***96***		0.00	279,072.00	0.00
1408-141	Copper Conductor -Spec & Requisition	**02MAR04**	*02MAR04*	**15MAR04**	*15MAR04*	***128***		0.00	0.00	0.00
1408-143	Copper Conductor -Bid & Award	**16MAR04**	*16MAR04*	**26APR04**	*26APR04*	***128***		0.00	0.00	0.00
1408-145	Copper Conductor -Delivery for Prototype	**27APR04**	*27APR04*	**07JUL04**	*07JUL04*	***128***		0.00	15,288.00	0.00
1408-147	Copper Conductor -Delivery for Production	**07OCT04**	*07OCT04*	**17DEC04**	*17DEC04*	***96***		0.00	310,080.00	0.00
1408-151	G-11 Filler Fabrication (prototype)	**05JAN04**	*05JAN04*	**06FEB04**	*06FEB04*	***96***		0.00	16,437.20	0.00
1408-153	G-11 Filler Fabrication (production)	**09FEB04**	*09FEB04*	**17DEC04**	*17DEC04*	***96***		0.00	337,285.36	0.00
1408-161	Lead hardware Fabrication (prototype)	**19JAN04**	*19JAN04*	**06FEB04**	*06FEB04*	***96***		0.00	9,698.00	0.00
1408-163	Lead hardware Fabrication (production)	**09FEB04**	*09FEB04*	**17DEC04**	*17DEC04*	***96***		0.00	175,703.89	0.00
1408-171	Misc supplies/matl's for Prototype	**27APR04**	*27APR04*	**07JUL04**	*07JUL04*	***128***		0.00	5,096.00	0.00
1408-173	Misc supplies/matl's for Production Windings	**07OCT04**	*07OCT04*	**17DEC04**	*17DEC04*	***96***		0.00	32,300.00	0.00
1408-181	VPI Supplies for Prototype(mold epoxy,& hardware	**27APR04**	*27APR04*	**07JUL04**	*07JUL04*	***128***		0.00	10,213.60	0.00
1408-183	VPI Supplies -Epoxy & tape for Production	**07OCT04**	*07OCT04*	**17DEC04**	*17DEC04*	***96***		0.00	46,512.00	0.00
1408-185	VPI Supplies -Valves & Tubing	**07OCT04**	*07OCT04*	**17DEC04**	*17DEC04*	***96***		0.00	51,680.00	0.00
Subtotal		**01APR03A**	*01APR03A*	**13JAN06**	*13JAN06*	***126***		29,790.00	1,544,116.05	0.00
Job: 1409 - Mod. Coil Test Stand-GETTELFINGER										
Test Stand (Gettelfinger)										
1409-025	Design Test Stand	**03NOV03***	*20OCT03A*	**16DEC03**	*16DEC03*	***240***	***15***	3,787.20	25,248.00	3,787.20

Run Date **10NOV03 13:21**

current schedule
november03 waf's
Progress Bar
Critical Activity

0310

NCSX
FY04 WAF BASELINE
**** 11/1/03 STATUS ****

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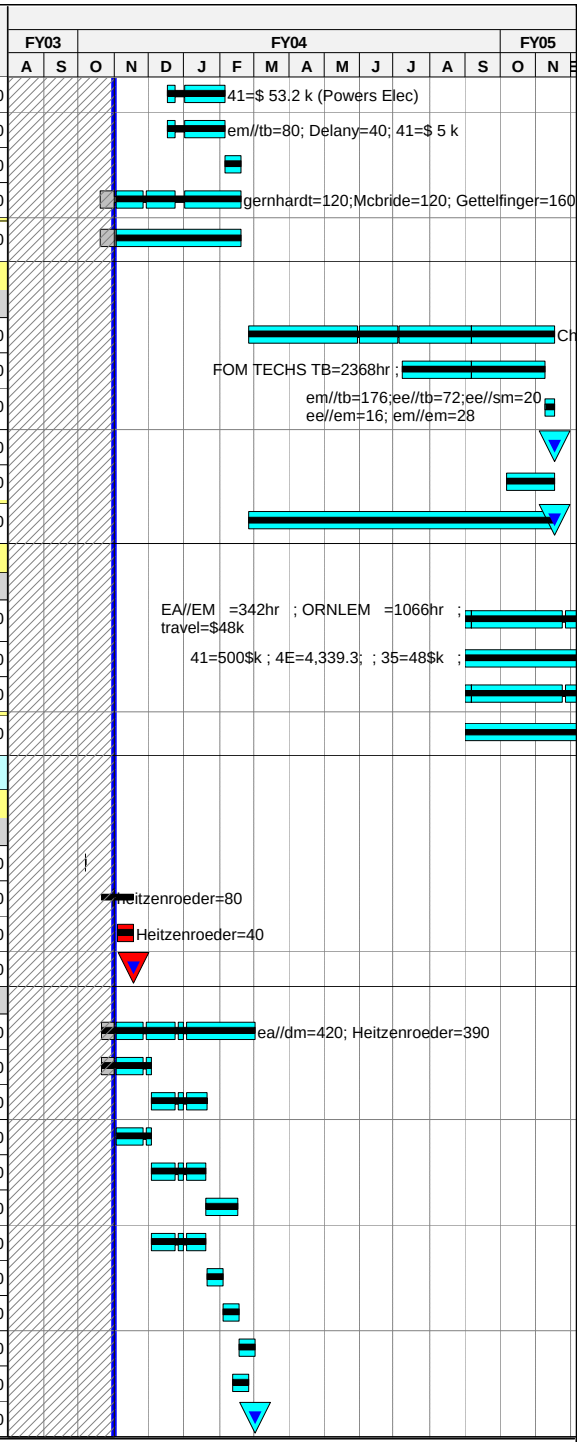
Activity ID	Activity Description	Baseline Start	Forecast Start	Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Budget at Completion (BAC)	Sched Var (BCWP - BCWS)
1409-026	Install Electrical	17DEC03	17DEC03*	05FEB04	05FEB04	230		0.00	67,776.80	0.00
1409-027	Cryo Line Installation	17DEC03	17DEC03*	05FEB04	05FEB04	230		0.00	16,726.00	0.00
1409-028	System Testing	06FEB04	06FEB04	19FEB04	19FEB04	230		0.00	0.00	0.00
1409-029	Oversight/Supervision	03NOV03	20OCT03A	19FEB04	19FEB04	230	LOE	6,452.00	51,616.00	6,452.00
Subtotal		03NOV03	20OCT03A	19FEB04	19FEB04	230		10,239.20	161,366.80	10,239.20
Job: 1410 Mod Coil Prototype Winding-CHRZANOWSKI										
Prototype Winding										
141-3-44	Oversight and materials/supplies	27FEB04	27FEB04	17NOV04	17NOV04	123		0.00	131,068.12	0.00
141-3-45	Wind & VPI prototype coil (stations 1 thru 5)	08JUL04*	08JUL04*	08NOV04	08NOV04	123		0.00	183,479.17	0.00
141-3-46	Test prototype coil (station 6)	09NOV04	09NOV04	17NOV04	17NOV04	123		0.00	28,850.00	0.00
141-3-45.1	Complete Prototype Winding (SOW 4.9)			17NOV04*	17NOV04*	123		0.00	0.00	0.00
141-3-45.2	Final Procedures & Process Plan (SOW 4.10)	07OCT04	07OCT04	17NOV04	17NOV04	123		0.00	0.00	0.00
Subtotal		27FEB04	27FEB04	17NOV04	17NOV04	123		0.00	343,397.29	0.00
Job: 1411 - Mod Coil Winding Form Fab-WILLIAMSON										
Type 1 Castings										
172-031	Title III engr	01SEP04	01SEP04	02MAR06	02MAR06	129		0.00	290,637.24	0.00
172-037	Summary MCWF vendor cost & sched [C/1]	01SEP04	01SEP04	02MAR06	02MAR06	132		0.00	5,213,495.91	0.00
C-121	Castings-BA-1-1 (1st MCC form delivered)	01SEP04	01SEP04	17DEC04	17DEC04	91		0.00	0.00	0.00
Subtotal		01SEP04	01SEP04	02MAR06	02MAR06	130		0.00	5,504,133.15	0.00
15 - Structures										
Job: 1501 - Structures Design- Heitzenroeder										
PDR/PBR Task List										
1501-105	Project PDR	07OCT03*	07OCT03A	07OCT03	07OCT03A		100	0.00	0.00	0.00
1501-109	Prepare FY 04 WP/WAF	21OCT03*	31OCT03A	17NOV03	31OCT03A		100	12,856.00	12,856.00	7,070.80
1501-113	Prepare PBR documentation	05NOV03*	05NOV03*	18NOV03	18NOV03	0		0.00	6,428.00	0.00
1501-117	Performance baseline review			18NOV03	18NOV03	0		0.00	0.00	0.00
Reqmnts, Configuration, Interfaces and PDR										
1501-121	Rqmnts,Config,Interfaces, PDR (summary task)	21OCT03	21OCT03A	02MAR04	02MAR04	215		17,673.60	106,857.00	6,987.90
1501-125	Update drawings & models based on vendor recomm	21OCT03*	21OCT03A	03DEC03	03DEC03	215	80	0.00	0.00	0.00
1501-129	Develop a SRD design to spec	04DEC03	04DEC03	20JAN04	20JAN04	215		0.00	0.00	0.00
1501-133	Prepare a "scope sheet" which defines all interf	03NOV03*	03NOV03*	02DEC03	02DEC03	216		0.00	0.00	0.00
1501-137	Prepare assembly & interface drawings for ICDs	03DEC03	03DEC03	19JAN04	19JAN04	216		0.00	0.00	0.00
1501-141	Finalize and approve all ICDs	20JAN04	20JAN04	16FEB04	16FEB04	226		0.00	0.00	0.00
1501-145	Prepare assembly drawings for structure / coils	03DEC03	03DEC03	19JAN04	19JAN04	216		0.00	0.00	0.00
1501-149	Update design basis document; address size and w	21JAN04	21JAN04	03FEB04	03FEB04	215		0.00	0.00	0.00
1501-157	Perform RAM & ES&H analyses document in design b	04FEB04	04FEB04	17FEB04	17FEB04	215		0.00	0.00	0.00
1501-161	Update cost and schedule	18FEB04	18FEB04	02MAR04	02MAR04	215		0.00	0.00	0.00
1501-162	PDR Preparation	13FEB04	13FEB04	26FEB04	26FEB04	218		0.00	0.00	0.00
1501-165	Perform PDR (jointly with conventional coils)			02MAR04	02MAR04	215		0.00	0.00	0.00



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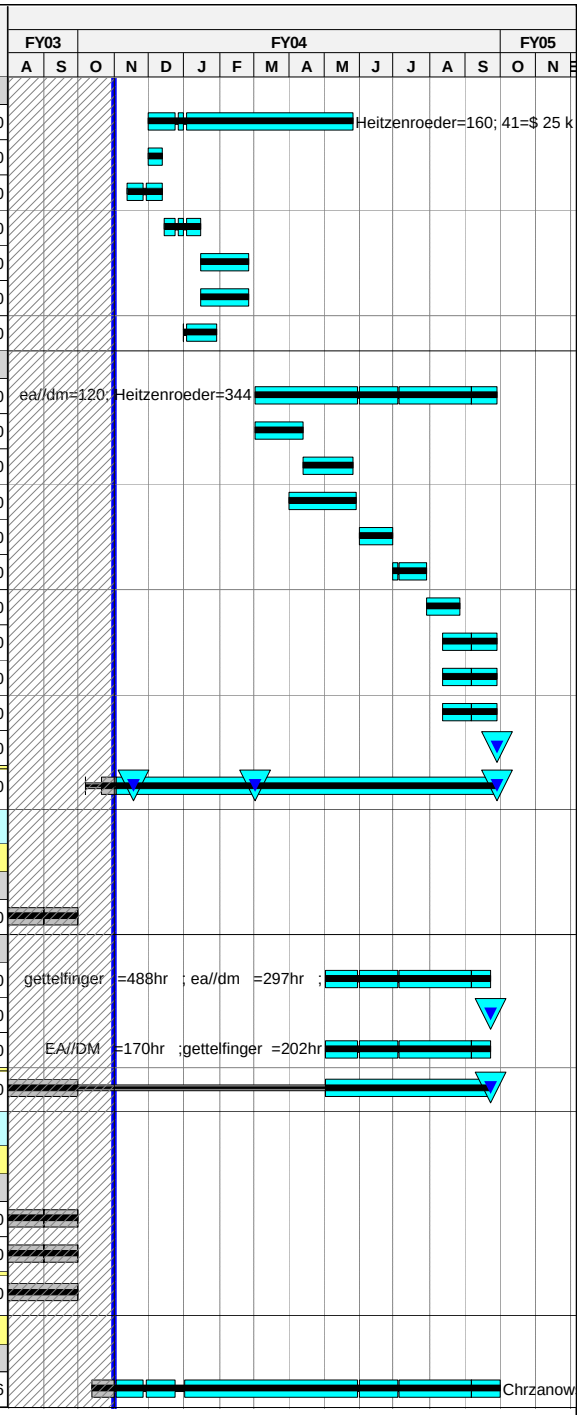
Activity ID	Activity Description	Baseline Start	Forecast Start	Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Budget at Completion (BAC)	Sched Var (BCWP - BCWS)
Preliminary Design Analyses										
1501-169	Design Analyses (summary task)	**01DEC03**	*01DEC03*	**25MAY04**	*25MAY04*	***215***		0.00	57,562.00	0.00
1501-173	Update ANSYS model of coils & structure	**01DEC03***	*01DEC03**	**12DEC03**	*12DEC03*	***218***		0.00	0.00	0.00
1501-177	Perform structural stress analyses	**13NOV03**	*13NOV03*	**12DEC03**	*12DEC03*	***218***		0.00	0.00	0.00
1501-181	Perform structural deflection analyses	**15DEC03**	*15DEC03*	**15JAN04**	*15JAN04*	***218***		0.00	0.00	0.00
1501-185	Check EM loads for reference scenarios	**16JAN04**	*16JAN04*	**26FEB04**	*26FEB04*	***218***		0.00	0.00	0.00
1501-189	Perform EM combined loads & fault conditions	**16JAN04**	*16JAN04*	**26FEB04**	*26FEB04*	***218***		0.00	0.00	0.00
1501-221	Prepare Failure Modes Assessment (FMECA)	**31DEC03***	*31DEC03**	**29JAN04**	*29JAN04*	***228***		0.00	0.00	0.00
Structrues Final Design										
1501-205	Structures FDR (summary task)	**03MAR04**	*03MAR04*	**28SEP04**	*28SEP04*	***212***		0.00	67,904.80	0.00
1501-197	Update analyses based on PDR recommendations	**03MAR04**	*03MAR04*	**13APR04**	*13APR04*	***215***		0.00	0.00	0.00
1501-201	Independent check of EM/ ANSYS analyses	**14APR04**	*14APR04*	**25MAY04**	*25MAY04*	***215***		0.00	0.00	0.00
1501-209	Prepare final drawings	**01APR04***	*01APR04**	**28MAY04**	*28MAY04*	***212***		0.00	0.00	0.00
1501-213	Check & promote models / drawings	**01JUN04**	*01JUN04*	**30JUN04**	*30JUN04*	***212***		0.00	0.00	0.00
1501-217	Update build to spec / sow	**01JUL04**	*01JUL04*	**29JUL04**	*29JUL04*	***212***		0.00	0.00	0.00
1501-225	Update design basis document	**30JUL04**	*30JUL04*	**26AUG04**	*26AUG04*	***212***		0.00	0.00	0.00
1501-229	Update cost & schedule estimates	**13AUG04**	*13AUG04*	**28SEP04**	*28SEP04*	***212***		0.00	0.00	0.00
1501-233	Prepare FDR documentation / presentations	**13AUG04**	*13AUG04*	**28SEP04**	*28SEP04*	***212***		0.00	0.00	0.00
1501-237	Prepare ECP for FDR	**13AUG04**	*13AUG04*	**28SEP04**	*28SEP04*	***212***		0.00	0.00	0.00
1501-241	Hold FDR			**28SEP04**	*28SEP04*	***212***		0.00	0.00	0.00
Subtotal		**07OCT03**	*07OCT03A*	**28SEP04**	*28SEP04*	***212***		30,529.60	251,607.80	14,058.70
17 - Cryostat and Base Support Structure										
Job:1701-Cryost&Base Sprt Strct Dsn-GETTLEFINGER										
FY03 Actual Cost										
1701-001	Apr-Sept MIE Costs PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	12,180.00	12,180.00	0.00
151-001	Title I design WBS 171 cryostat shell & struct	**03MAY04***	*03MAY04**	**22SEP04**	*22SEP04*	***358***		0.00	110,056.40	0.00
151-002	Cryostat PDR PDR			**22SEP04**	*22SEP04*	***358***		0.00	0.00	0.00
161-001	Title I design WBS 172 base support struct	**03MAY04***	*03MAY04**	**22SEP04**	*22SEP04*	***299***		0.00	50,507.00	0.00
Subtotal		**01APR03A**	*01APR03A*	**22SEP04**	*22SEP04*	***358***		12,180.00	172,743.40	0.00
18 - Field Period Assembly										
Job: 1801-FP Assy Oversight&Support-CHRZANOWSKI										
FY03 Actual Cost										
1801-001	Apr-Sept MIE Costs PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	7,750.00	7,750.00	0.00
1801-002	Apr-Sept MIE Costs ORNL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	53,050.00	53,050.00	0.00
Subtotal		**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	60,800.00	60,800.00	0.00
Job: 1802-FP Assy Oversight&Support-CHRZANOWSKI										
Oversight and Supervision										
181.100	PPPL EM LOE FY04	**13OCT03***	*13OCT03A*	**30SEP04**	*30SEP04*	***2,053***	***LOE***	2,103.01	33,919.50	0.56



Run Date 10NOV03 13:21

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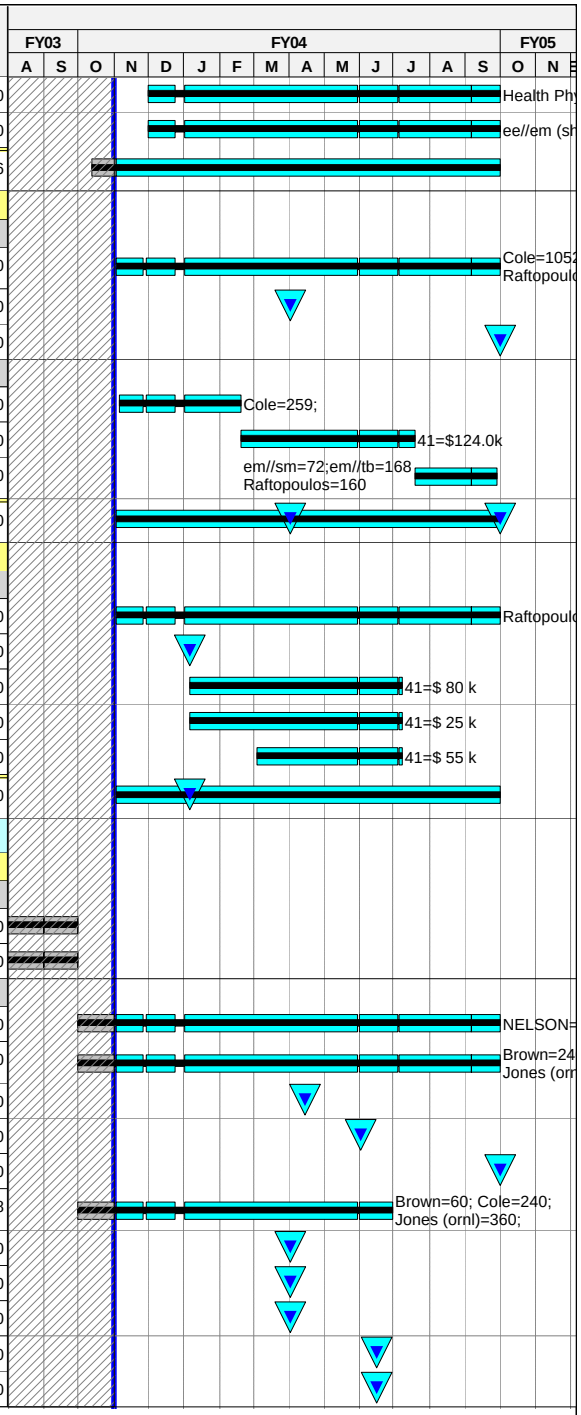
current schedule
november03 waf's
Progress Bar
Critical Activity

0310

NCSX
FY04 WAF BASELINE
**** 11/1/03 STATUS ****

Activity ID	Activity Description	Baseline Start	Forecast Start	Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Budget at Completion (BAC)	Sched Var (BCWP - BCWS)
181.200	HP Coverage in the TFTR TC LOE FY04	01DEC03*	01DEC03*	30SEP04	30SEP04	2,053		0.00	115,320.00	0.00
181.201	D-Site Shift Supervisor LOE FY04	01DEC03*	01DEC03*	30SEP04	30SEP04	2,053		0.00	25,920.40	0.00
Subtotal		13OCT03	13OCT03A	30SEP04	30SEP04	2,053		2,103.01	175,159.90	0.56
Job: 1803-FP Assy Tooling /Constructability-COLE										
Toolling Design & Fabrication										
713A.010	Design Tooling	03NOV03*	03NOV03*	30SEP04	30SEP04	231		0.00	368,661.45	0.00
713A.010A	Requirements & Constructability PDR			01APR04*	01APR04*	2,180		0.00	0.00	0.00
713.010B	Tooling & Constructability FDR			30SEP04	30SEP04	231		0.00	0.00	0.00
Tooling R&D										
713A.011	Tooling R&D-Design VV/MCWF Mockups	06NOV03*	06NOV03*	19FEB04	19FEB04	2,055		0.00	33,330.71	0.00
713A.012	Tooling R&D-Procure VV & MCWF Mockups [A/9]	20FEB04	20FEB04	19JUL04	19JUL04	2,055		0.00	157,976.00	0.00
713A.013	Tooling R&D-Inspection & assy trails	20JUL04	20JUL04	28SEP04	28SEP04	2,055		0.00	46,196.00	0.00
Subtotal		03NOV03	03NOV03	30SEP04	30SEP04	2,053		0.00	606,164.16	0.00
Job: 1804-FP Assy Measurement Systs-RAFTOPOULOS										
Metrology										
740.010	Final Design Measurement systems	03NOV03*	03NOV03*	30SEP04	30SEP04	2,053		0.00	69,422.40	0.00
740.011	3-D Scanner FDR			05JAN04*	05JAN04*	123		0.00	0.00	0.00
740.030	Purchase-3-D Scanner	06JAN04*	06JAN04*	07JUL04	07JUL04	123		0.00	101,920.00	0.00
740.035	Purchase- Metrology Software	06JAN04*	06JAN04*	07JUL04	07JUL04	123		0.00	31,850.00	0.00
1407-120	Procure Faro arm	04MAR04*	04MAR04*	07JUL04	07JUL04	123		0.00	70,070.00	0.00
Subtotal		03NOV03	03NOV03	30SEP04	30SEP04	2,053		0.00	273,262.40	0.00
19 - Stellarator Core Management and Integration										
Job: 1901 - Stellarator Core Mngtt&Integr-NELSON										
FY03 Actual Cost										
1901-002	Apr-Sept MIE Costs ORNL	01APR03A	01APR03A	30SEP03A	30SEP03A		100	187,090.00	187,090.00	0.00
1901-003	Apr-Sept MIE Costs PPPL	01APR03A	01APR03A	30SEP03A	30SEP03A		100	67,070.00	67,070.00	0.00
Stellarator Core management										
191-4	LOE-FY04 WBS 191-4 Management Activities	01OCT03*	01OCT03A	30SEP04	30SEP04	2,053	LOE	13,404.39	145,699.85	0.00
192-4	LOE-FY05 WBS 192-4 Design Integration Activities	01OCT03*	01OCT03A	30SEP04	30SEP04	2,053	LOE	28,597.29	310,840.08	0.00
192-4.1	Self consistent models/dwgs f/ Mod Coil & VV FDR			14APR04*	14APR04*	2,171		0.00	0.00	0.00
192-4.2	Self consistent models/dwgs Conv Coils&sprt strc			01JUN04*	01JUN04*	2,138		0.00	0.00	0.00
192-4.4	Stellarator Core Assy dwgs & assy sequence			30SEP04*	30SEP04*	2,053		0.00	0.00	0.00
192-5	LOE-FY05 WBS 192-5 VV & Coil Services Integr	01OCT03*	01OCT03A	30JUN04	30JUN04	2,117	LOE	10,770.14	86,856.00	29.88
192-5.1	\VV Helium Line Models			01APR04*	01APR04*	2,180		0.00	0.00	0.00
192-5.2	Mod Coil LN2 Lines Layouts			01APR04*	01APR04*	2,180		0.00	0.00	0.00
192-5.3	Mod Coil Leads Layouts			01APR04*	01APR04*	2,180		0.00	0.00	0.00
192-5.4	PF Coil Leads & Services Layouts			15JUN04*	15JUN04*	2,128		0.00	0.00	0.00
192-5.5	TF Coil leads & Services Layouts			15JUN04*	15JUN04*	2,128		0.00	0.00	0.00



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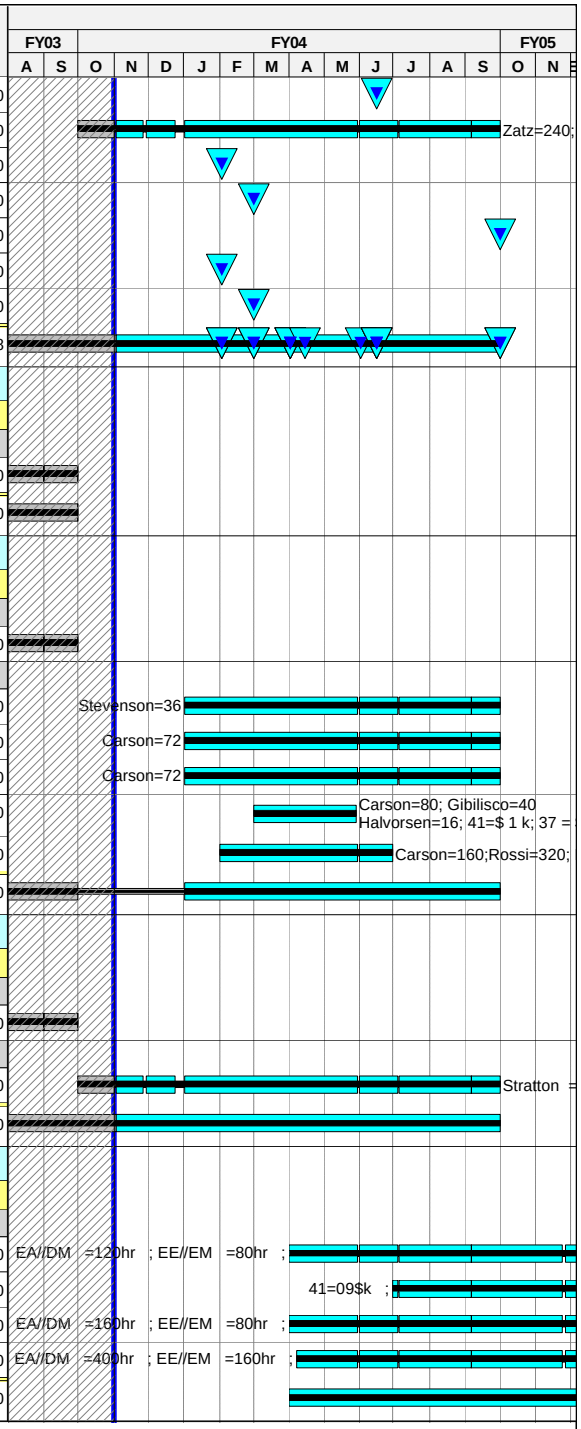
Activity ID	Activity Description	Baseline Start	Forecast Start	Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Budget at Completion (BAC)	Sched Var (BCWP - BCWS)
192-5.6	External Trim Coil Leads /services Layouts			**15JUN04***	*15JUN04**	***2,128***		0.00	0.00	0.00
192-6	LOE-FY05 WBS 192-6 Integrated Analysis	**01OCT03***	*01OCT03A*	**30SEP04**	*30SEP04*	***2,053***	***LOE***	17,149.91	186,412.00	0.00
192-6.1	Final Analysis coil geometry to field error			**02FEB04***	*02FEB04**	***2,223***		0.00	0.00	0.00
192-6.2	Final Mod Coil Trajectories			**01MAR04***	*01MAR04**	***2,203***		0.00	0.00	0.00
192-6.3	Best fit for mod coil assy on winding measuremen			**30SEP04***	*30SEP04**	***2,053***		0.00	0.00	0.00
192-6.5	Stellarator Core Assy Design criteria			**02FEB04***	*02FEB04**	***2,223***		0.00	0.00	0.00
192-6.6	Stellarator Core Materials Database			**01MAR04***	*01MAR04**	***2,203***		0.00	0.00	0.00
Subtotal		**01APR03A**	*01APR03A*	**30SEP04**	*30SEP04*	***2,053***		324,081.73	983,967.93	29.88
22 - Torus Vacuum Pumping Systems										
Job: 2001-VPS,Gas& Cond Sys Oversight-BLANCHARD										
FY03 Actual Cost										
2001-001	Apr-Sept MIE Cost	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	57,500.00	57,500.00	0.00
Subtotal		**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	57,500.00	57,500.00	0.00
25 - Neutral Beam Injection System										
Job: 2501 - Neutral Beam Refurbishment-STEVENSON										
FY03 Actual Cost										
2501-001	Apr-Sept MIE Cost	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	146,310.00	146,310.00	0.00
FY04 Work Plan										
2501-015	Design & Work Planning	**02JAN04***	*02JAN04**	**30SEP04**	*30SEP04*	***2,053***	***100***	0.00	5,425.20	0.00
2501-020	Layout & Routing	**02JAN04***	*02JAN04**	**30SEP04**	*30SEP04*	***2,053***	***100***	0.00	7,732.80	0.00
2501-025	Systems Interfaces	**02JAN04***	*02JAN04**	**30SEP04**	*30SEP04*	***2,053***	***100***	0.00	7,732.80	0.00
2501-030	Power System Local testing	**01MAR04***	*01MAR04**	**28MAY04**	*28MAY04*	***2,139***	***100***	0.00	15,805.45	0.00
2501-035	Controls Development	**02FEB04***	*02FEB04**	**30JUN04**	*30JUN04*	***2,117***	***100***	0.00	64,292.00	0.00
Subtotal		**01APR03A**	*01APR03A*	**30SEP04**	*30SEP04*	***2,053***	***100***	146,310.00	247,298.25	0.00
39 - Diagnostics Integration										
Job: 3901 - Diagnostics sys Integration-JOHNSON										
FY03 Actual Cost										
390-001	LOE Support FY03	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	155,450.00	155,450.00	0.00
390-010	LOE Support FY04	**01OCT03***	*01OCT03A*	**30SEP04**	*30SEP04*	***2,053***	***LOE***	7,178.17	78,023.50	0.00
Subtotal		**01APR03A**	*01APR03A*	**30SEP04**	*30SEP04*	***2,053***		162,628.17	233,473.50	0.00
41 - AC Power										
Job: 4101 - AC Power-RAMAKRISHNAN										
411 - Auxliary AC Power Systems										
411-1-2	Ex-Test Cell AC Power Dist-Dsn	**01APR04***	*01APR04**	**17MAR05**	*17MAR05*	***317***		0.00	24,997.67	0.00
411-1-4	Ex-Test Cell AC Power Dist-Procure	**01JUL04***	*01JUL04**	**06JUL06**	*06JUL06*	***230***		0.00	11,651.40	0.00
411-2-2	Grounding-Dsn	**01APR04***	*01APR04**	**25FEB05**	*25FEB05*	***200***		0.00	29,232.89	0.00
411-3-2	Test Cell AC Power Distr-Dsn	**08APR04***	*08APR04**	**22APR05**	*22APR05*	***138***		0.00	67,157.32	0.00
Subtotal		**01APR04**	*01APR04*	**06JUL06**	*06JUL06*	***230***		0.00	133,039.28	0.00



Run Date 10NOV03 13:21

current schedule
november03 waf's
Progress Bar
Critical Activity

0310

NCSX
FY04 WAF BASELINE
**** 11/1/03 STATUS ****

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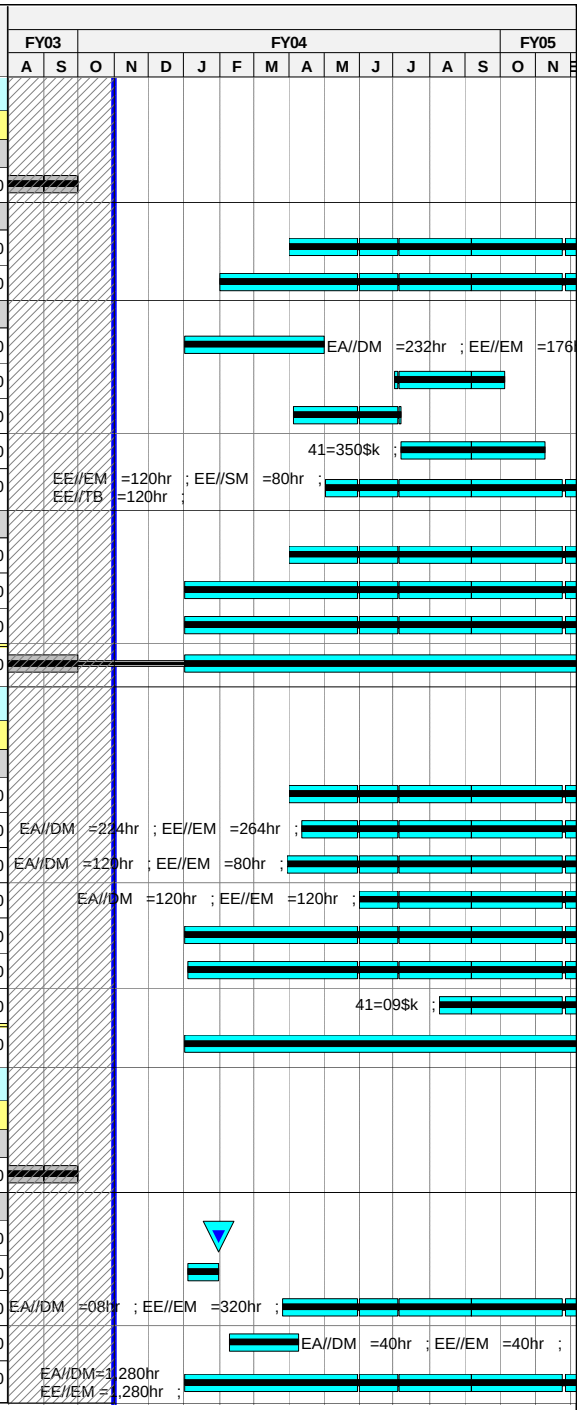
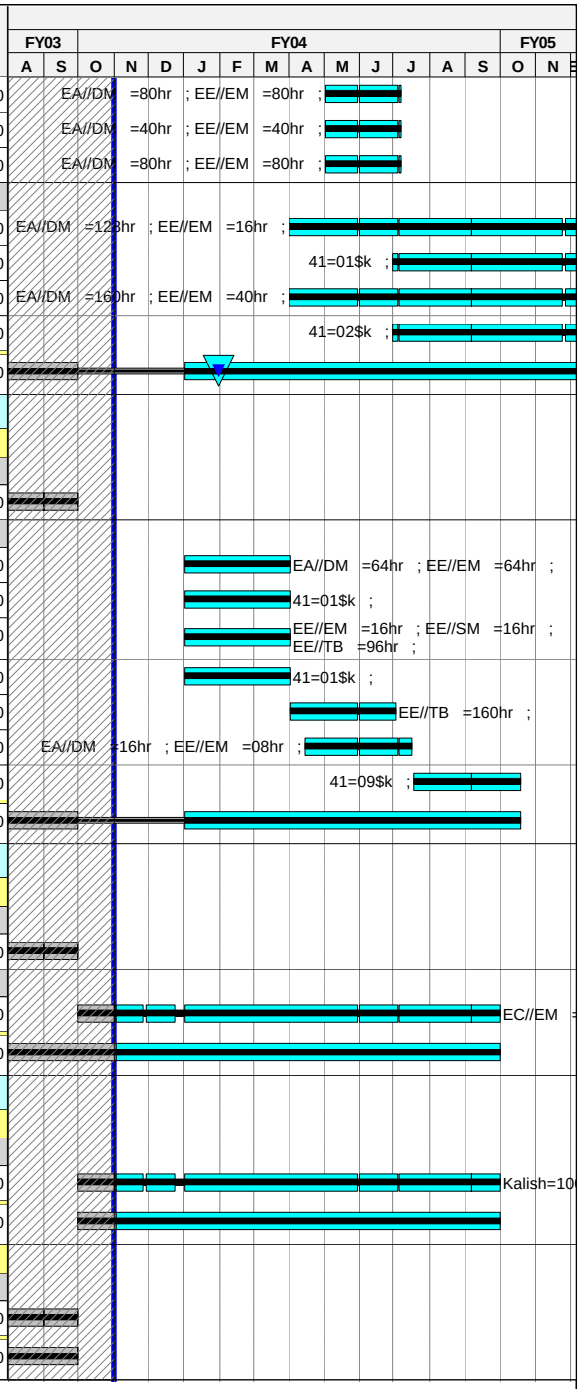
Activity ID	Activity Description	Baseline Start	Forecast Start	Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Budget at Completion (BAC)	Sched Var (BCWP - BCWS)
43 - DC Systems										
Job: 4301 - DC Systems-RAMAKRISHNAN										
FY03 Actual Cost										
4301-001	Apr-Sept MIE Cost	01APR03A	01APR03A	30SEP03A	30SEP03A		100	2,390.00	2,390.00	0.00
431 - C-Site DC Systems										
431-1-2	Coil DC Cabling to (PCTB)-Dsn	01APR04*	01APR04*	30SEP05	30SEP05	289		0.00	75,715.54	0.00
431-2-2	DC Cabling to Coils in TC-Dsn	02FEB04*	02FEB04*	03JAN06	03JAN06	230		0.00	58,675.20	0.00
432 - D to C-Site DC Systems										
432-1-2	DC Cabling-Dsn	02JAN04*	02JAN04*	30APR04	30APR04	474		0.00	50,929.60	0.00
432-1-4.1	Spec,Bid,Eval,Award (SBEA)- Cable	02JUL04*	02JUL04*	04OCT04	04OCT04	431		0.00	0.00	0.00
432-1-4.3	SBEA-Tower Installation	05APR04	05APR04	06JUL04	06JUL04	532		0.00	0.00	0.00
432-1-4.4	S/C Tower Installation [A/1]	07JUL04	07JUL04	08NOV04	08NOV04	532		0.00	445,900.00	0.00
432-1-6	DC Cabling-Installation Support	03MAY04	03MAY04	02AUG05	02AUG05	1,846		0.00	36,426.63	0.00
433 - D-Site DC Systems										
433-1-2	DC Cabling-Dsn	01APR04*	01APR04*	10JAN05	10JAN05	445		0.00	72,626.65	0.00
433-3-2	NSTX OH PS changes-Dsn	02JAN04*	02JAN04*	30SEP05	30SEP05	174		0.00	17,603.82	0.00
433-4-2	NSTX TF Power Supply changes-Dsn	02JAN04*	02JAN04*	30SEP05	30SEP05	174		0.00	17,603.82	0.00
Subtotal		01APR03A	01APR03A	03JAN06	03JAN06	1,745		2,390.00	777,871.26	0.00
44 - Control and protection Systems										
Job: 4401 - Control & Protection-RAMAKRISHNAN										
441-1-2	C-site-Dsn	01APR04*	01APR04*	15JUL05	15JUL05	175		0.00	118,760.04	0.00
441-2-2	D-site-Dsn	12APR04*	12APR04*	25MAR05	25MAR05	231		0.00	64,214.02	0.00
441-3-2	D-to-C-site-Dsn	31MAR04*	31MAR04*	28APR05	28APR05	207		0.00	25,037.20	0.00
442-1-2	Kirk Keys-Dsn	01JUN04*	01JUN04*	30JUN05	30JUN05	226		0.00	31,289.62	0.00
444-3-2	DC Shunts-Dsn	02JAN04*	02JAN04*	01APR05	01APR05	240		0.00	14,599.41	0.00
444-4-2	Signal Conditioning & Cabling-Dsn	05JAN04*	05JAN04*	01APR05	01APR05	267		0.00	51,160.81	0.00
444-4-4	Signal Conditioning & Cabling-Procure	10AUG04*	10AUG04*	15MAY06	15MAY06	129		0.00	11,655.12	0.00
Subtotal		02JAN04	02JAN04	15MAY06	15MAY06	129		0.00	316,716.22	0.00
45 - Power System Design and Integration										
Job: 4501 - Power Sys Dsn & Integr-RAMAKRISHNAN										
FY03 Actual Cost										
4501-001	Apr-Sept MIE Cost	01APR03A	01APR03A	30SEP03A	30SEP03A		100	112,340.00	112,340.00	0.00
451 - System Design & Interfaces										
451-0-1	C-Site Decision			30JAN04*	30JAN04*	2,224		0.00	0.00	0.00
451-0-2	Develop SRD	05JAN04*	05JAN04*	30JAN04	30JAN04	2,224		0.00	0.00	0.00
451-1-2	Calculations-Dsn	26MAR04*	26MAR04*	29SEP06	29SEP06	1,555		0.00	50,481.19	0.00
451-2-2	PDR Power system -Dsn	09FEB04*	09FEB04*	09APR04	09APR04	2,109		0.00	10,236.00	0.00
451-3-2	Drawings,changes,asbuilts -Elect Dsn Integration	02JAN04*	02JAN04*	31MAY07	31MAY07	1,390		0.00	342,501.50	0.00



Activity ID	Activity Description	Baseline Start	Forecast Start	Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Budget at Completion (BAC)	Sched Var (BCWP - BCWS)
451-6-2	FDR C-Site -Dsn	03MAY04*	03MAY04*	06JUL04	06JUL04	2,114		0.00	20,472.00	0.00
451-7-2	FDR DC transmission-Dsn	03MAY04*	03MAY04*	06JUL04	06JUL04	532		0.00	10,236.00	0.00
451-8-2	FDR D-Site -Dsn	03MAY04*	03MAY04*	06JUL04	06JUL04	2,114		0.00	20,472.00	0.00
452 - Electrical System Support										
452-1-2	Diagnostics AC Power Distr-Dsn	01APR04*	01APR04*	08JUL05	08JUL05	189		0.00	16,138.74	0.00
452-1-4	Diagnostics AC Power Distr-Procure	01JUL04*	01JUL04*	02OCT06	02OCT06	129		0.00	1,295.81	0.00
452-2-2	Diagnostics sensor cabling-Dsn	01APR04*	01APR04*	01JUL05	01JUL05	193		0.00	23,234.37	0.00
452-2-4	Diagnostics sensor cabling-Procure	01JUL04*	01JUL04*	08MAY06	08MAY06	231		0.00	2,587.35	0.00
Subtotal		01APR03A	01APR03A	31MAY07	31MAY07	1,390		112,340.00	609,994.96	0.00
46 - FCPC Building Modifications										
Job: 4601 - FCPC Bldg Mods-RAMAKRISHNAN										
FY03 Actual Cost										
4601-001	Apr-Sept MIE Cost	01APR03A	01APR03A	30SEP03A	30SEP03A		100	1,300.00	1,300.00	0.00
460-1-2	Clear area in West wing)-Dsn	02JAN04*	02JAN04*	01APR04	01APR04	2,180		0.00	16,377.60	0.00
460-1-4	Clear area in West wing -Procure	02JAN04*	02JAN04*	01APR04	01APR04	2,180		0.00	1,274.00	0.00
460-1-6	Clear area in West wing)-Install	02JAN04*	02JAN04*	01APR04	01APR04	2,180		0.00	11,396.80	0.00
460-2-4	Clear the small Vacuum prep lab -Procure	02JAN04*	02JAN04*	01APR04	01APR04	2,115		0.00	637.00	0.00
460-2-6	Clear the small Vacuum prep lab -Install	02APR04	02APR04	02JUL04	02JUL04	2,115		0.00	12,112.00	0.00
460-3-2	Floor & Wall Penetrations-Dsn	15APR04*	15APR04*	16JUL04	16JUL04	431		0.00	2,888.80	0.00
460-3-4	Floor & Wall Penetrations-Procure	19JUL04	19JUL04	18OCT04	18OCT04	431		0.00	11,495.91	0.00
Subtotal		01APR03A	01APR03A	18OCT04	18OCT04	2,041		1,300.00	57,482.11	0.00
51 - TCP/IP Infrastructure Systems										
Job: 5801 -Central I&C Integr & Oversight-OLIARO										
FY03 Actual Cost										
51-00	Apr-Sept MIE Cost	01APR03A	01APR03A	30SEP03A	30SEP03A		100	11,950.00	11,950.00	0.00
51-01	FY04 LOE support	01OCT03*	01OCT03A	30SEP04	30SEP04	2,053	LOE	1,150.40	12,504.40	0.00
Subtotal		01APR03A	01APR03A	30SEP04	30SEP04	2,053		13,100.40	24,454.40	0.00
65 - Facility Systems Integration										
Job: 6163 - Facility Systems FY03 support										
65-03	LOE WBS 6	01OCT03*	01OCT03A	30SEP04	30SEP04	2,053	LOE	2,964.24	32,220.00	0.00
Subtotal		01OCT03	01OCT03A	30SEP04	30SEP04	2,053	LOE	2,964.24	32,220.00	0.00
Job: 6501 - Facility Systems Integration-DUDEK										
FY03 Actual Cost										
6501-001	Apr-Sept MIE Cost PPPL	01APR03A	01APR03A	30SEP03A	30SEP03A		100	9,380.00	9,380.00	0.00
Subtotal		01APR03A	01APR03A	30SEP03A	30SEP03A		100	9,380.00	9,380.00	0.00



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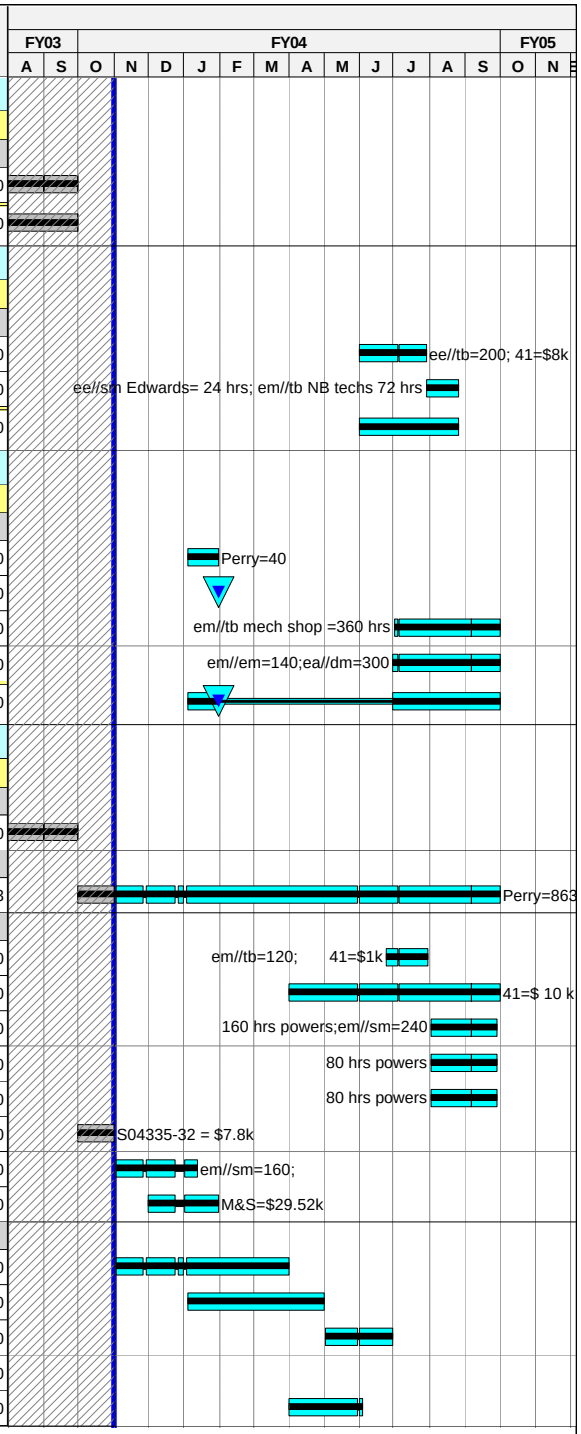
current schedule
november03 waf's
Progress Bar
Critical Activity

0310

NCSX
FY04 WAF BASELINE
**** 11/1/03 STATUS ****

Activity ID	Activity Description	Baseline Start	Forecast Start	Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Budget at Completion (BAC)	Sched Var (BCWP - BCWS)
71 - Shield Wall Reconfiguration										
Job: 7101 - Shield Wall Modif Design-PERRY										
FY03 Actual Cost										
7101-000	Apr-Sept MIE Cost PPPL	01APR03A	01APR03A	30SEP03A	30SEP03A		100	32,150.00	32,150.00	0.00
Subtotal		01APR03A	01APR03A	30SEP03A	30SEP03A		100	32,150.00	32,150.00	0.00
72 - Control Room Refurbishment										
Job: 7201 - Control Room Walls/Floors-PERRY										
710.001	Block Wall east side control room	01JUN04*	01JUN04*	28JUL04	28JUL04	2,078		0.00	39,512.00	0.00
711B.050	Complete Control Room Flooring	29JUL04	29JUL04	25AUG04	25AUG04	2,078	85	0.00	8,107.20	0.00
Subtotal		01JUN04	01JUN04	25AUG04	25AUG04	2,078		0.00	47,619.20	0.00
73 - Platform Design & Fabrication										
Job: 7301 - Platform Design&Fab-PERRY										
712.008	Update Platform Specification	05JAN04*	05JAN04*	30JAN04	30JAN04	468		0.00	6,460.00	0.00
712.009	Platform PDR			30JAN04*	30JAN04*	468		0.00	0.00	0.00
711A.040	Platform nut plates	02JUL04*	02JUL04*	30SEP04	30SEP04	2,053	75	0.00	27,648.00	0.00
712.010	Final Design	01JUL04*	01JUL04*	30SEP04	30SEP04	367		0.00	54,170.00	0.00
Subtotal		05JAN04	05JAN04	30SEP04	30SEP04	2,065		0.00	88,278.00	0.00
74 - Machine Assembly Planning and Oversight										
Job: 7401 - TC Prep & Mach Assy Planning-PERRY										
FY03 Actual Cost										
7401-001	Apr-Sept MIE Cost PPPL	01APR03A	01APR03A	30SEP03A	30SEP03A		100	131,680.00	131,680.00	0.00
Oversight and Supervision										
711A.020	LOE FY04	01OCT03*	01OCT03A	30SEP04	30SEP04	2,065	LOE	13,640.40	149,894.50	13.63
Test Cell Modifications & Upgrades										
613.030	Test Cell copper ground plane cuts	25JUN04*	25JUN04*	30JUL04	30JUL04	360		0.00	10,490.00	0.00
713.010	General procurements	01APR04*	01APR04*	30SEP04	30SEP04	2,065		0.00	12,740.00	0.00
7502-001	Test Cell 110v outlets	02AUG04*	02AUG04*	27SEP04	27SEP04	476		0.00	39,540.80	0.00
7502-002	Test Cell 208v outlets	02AUG04*	02AUG04*	27SEP04	27SEP04	476		0.00	7,134.40	0.00
7502-010	Ready Rooms (under control room) 110v outlets	02AUG04*	02AUG04*	27SEP04	27SEP04	350		0.00	7,134.40	0.00
7502-011	Cable Removal in test cell (S04335-32)	01OCT03*	01OCT03A	31OCT03	31OCT03A		100	9,937.20	9,937.20	0.00
7502-025	TC Floor penetration covers	03NOV03*	03NOV03*	12JAN04	12JAN04	574		0.00	16,848.00	0.00
EXFAC001.2	Complete Crane Modifications (S04354)	01DEC03*	01DEC03*	30JAN04	30JAN04	2,224		0.00	37,608.48	0.00
FED/Infrastructure Support (non Project cost)										
613.010	Remove Shield Walls ** GPP **	03NOV03*	03NOV03*	31MAR04	31MAR04	566		0.00	0.00	0.00
613.015	Fabricate New Bottom Course of Blocks **GPP**	05JAN04*	05JAN04*	30APR04	30APR04	544		0.00	0.00	0.00
613.017	Install New Bottom Course **GPP**	03MAY04*	03MAY04*	30JUN04	30JUN04	2,129		0.00	0.00	0.00
613.020	Replace south PLT shielding **GPP**	12JAN07	12JAN07	15MAR07	15MAR07	100		0.00	0.00	0.00
613.025	Dispose of old south PLT shielding **GPP**	01APR04	01APR04	03JUN04	03JUN04	566		0.00	0.00	0.00



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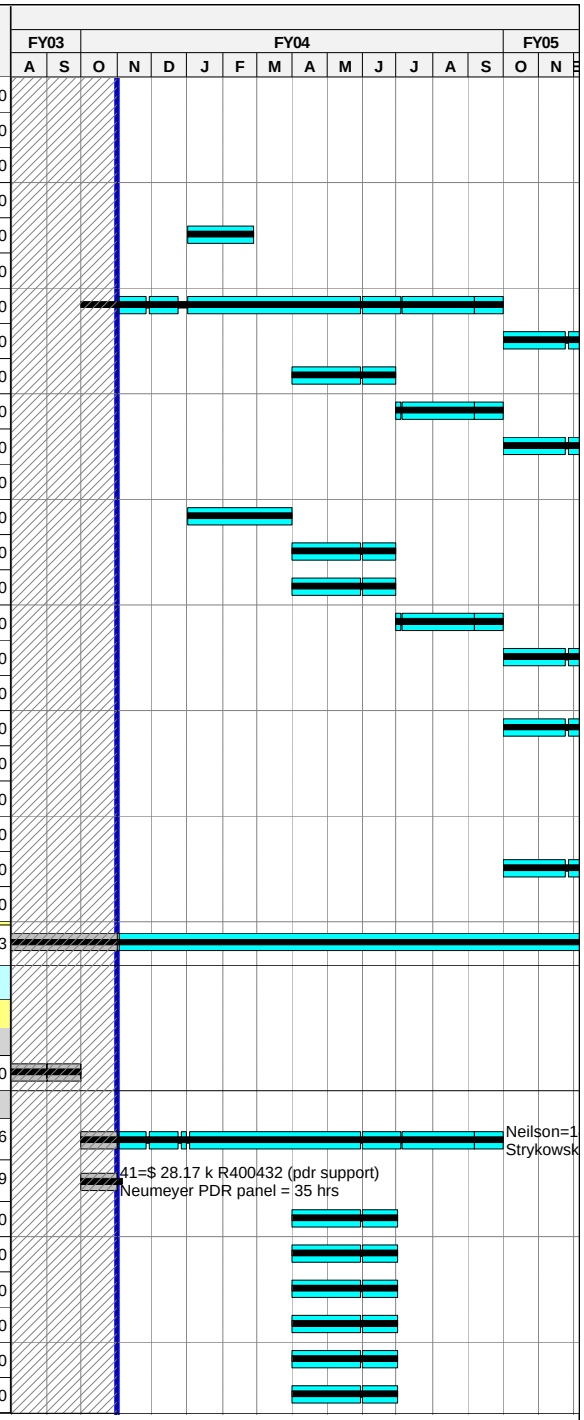
current schedule
november03 waf's
Progress Bar
Critical Activity

0310

NCSX
FY04 WAF BASELINE
**** 11/1/03 STATUS ****

Activity ID	Activity Description	Baseline Start	Forecast Start	Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Budget at Completion (BAC)	Sched Var (BCWP - BCWS)
EXFAC003	Clear PBX control room & Safe PBX (cc7230)	27JAN03A	27JAN03A	30JUN03A	30JUN03A		100	0.00	0.00	0.00
EXFAC004	Remove Fire protection PLT wall (cc7230)	01MAY03A	01MAY03A	09MAY03A	09MAY03A		100	0.00	0.00	0.00
EXFAC005	Remove Fire Protection under platform (cc7230)	01APR03A	01APR03A	30APR03A	30APR03A		100	0.00	0.00	0.00
EXFAC006	Remove Fire Protection Control rm walls(cc7230)	01MAY03A	01MAY03A	09MAY03A	09MAY03A		100	0.00	0.00	0.00
EXFAC007	Remove PBX Base Plates cc7230)	02JAN04*	02JAN04*	27FEB04	27FEB04	437	100	0.00	0.00	0.00
GPP001	GPP-Upgarde C-Site central chilled wtr plant*TBD	01OCT02A	01OCT02A	01OCT02A	01OCT02A			0.00	0.00	0.00
GPP004	GPP-Roofing Design	01OCT03*	03NOV03*	30SEP04	30SEP04	224		0.00	0.00	0.00
GPP004.1	GPP-Roofing Install	01OCT04*	01OCT04*	30SEP05	30SEP05	224		0.00	0.00	0.00
GPP005	GPP-Test Cell lighting Design	01APR04*	01APR04*	30JUN04	30JUN04	473		0.00	0.00	0.00
GPP005.1	GPP-Test Cell lighting Install	01JUL04	01JUL04	30SEP04	30SEP04	473		0.00	0.00	0.00
GPP006	GPP-Test Cell HVAC/dew point control Design	01OCT04*	01OCT04*	30MAR05	30MAR05	225		0.00	0.00	0.00
GPP006.1	GPP-Test Cell HVAC/dew point control Install	31MAR05	31MAR05	29SEP05	29SEP05	225		0.00	0.00	0.00
GPP007	GPP-C-Site elevators Design	02JAN04*	02JAN04*	31MAR04	31MAR04	537		0.00	0.00	0.00
GPP007.1	GPP-C-Site elevators Install	01APR04	01APR04	30JUN04	30JUN04	537		0.00	0.00	0.00
GPP008	GPP-Fire suppression high bay design	01APR04*	01APR04*	30JUN04	30JUN04	473		0.00	0.00	0.00
GPP008.1	GPP-Fire suppression high bay install	01JUL04	01JUL04	30SEP04	30SEP04	473		0.00	0.00	0.00
GPP009	Control Room Lights & Outlets design	01OCT04*	01OCT04*	31MAR05	31MAR05	372		0.00	0.00	0.00
GPP009.1	Control Room Lights & Outlets install	01APR05	01APR05	30JUN05	30JUN05	372		0.00	0.00	0.00
GPP010	Control Room HVAC Design	01OCT04*	01OCT04*	31MAR05	31MAR05	372		0.00	0.00	0.00
GPP010.1	Control Room HVAC Install	01APR05	01APR05	30JUN05	30JUN05	372		0.00	0.00	0.00
GPP011	Control Room Ceiling Design	01APR05*	01APR05*	30JUN05	30JUN05	372		0.00	0.00	0.00
GPP011.1	Control Room Ceiling Install	01JUL05	01JUL05	30SEP05	30SEP05	372		0.00	0.00	0.00
GPP012	Control Rm Fire Detection & Suppression Design	01OCT04*	01OCT04*	31MAR05	31MAR05	372		0.00	0.00	0.00
GPP012.1	Control RmFire Detection & Suppression Install	01APR05	01APR05	30JUN05	30JUN05	372		0.00	0.00	0.00
Subtotal		01OCT02A	01OCT02A	15MAR07	15MAR07	1,441		155,257.60	423,007.78	13.63
81 - Project Management and Control										
Job: 8101 - Project Management & Control-NEILSON										
FY03 Actual Cost										
810.001	Apr-Sept MIE Cost PPPL	01APR03A	01APR03A	30SEP03A	30SEP03A		100	387,340.00	387,340.00	0.00
810.002	Project Management Office PPPL FY04	01OCT03*	01OCT03A	30SEP04	30SEP04	2,065	LOE	62,713.09	689,154.82	62.66
810.009	PDR Support	01OCT03*	01OCT03A	05NOV03	31OCT03A		100	41,163.08	41,163.08	4,749.59
810.010	CD-3 Readiness - Update Assy & Installation plan	01APR04*	01APR04*	01JUL04	01JUL04	2,128		0.00	0.00	0.00
810.015	CD-3 Readiness - Update resource loaded schedule	01APR04*	01APR04*	01JUL04	01JUL04	2,128		0.00	0.00	0.00
810.020	CD-3 Readiness - Update risk management plan	01APR04*	01APR04*	01JUL04	01JUL04	2,128		0.00	0.00	0.00
810.025	CD-3 Readiness - Update Value mgt/engr doc.	01APR04*	01APR04*	01JUL04	01JUL04	2,128		0.00	0.00	0.00
810.028	CD-3 Readiness - Update Project Controls doc.	01APR04*	01APR04*	01JUL04	01JUL04	2,128		0.00	0.00	0.00
810.030	CD-3 Readiness - Update Acquisition Strategy	01APR04*	01APR04*	01JUL04	01JUL04	2,128		0.00	0.00	0.00



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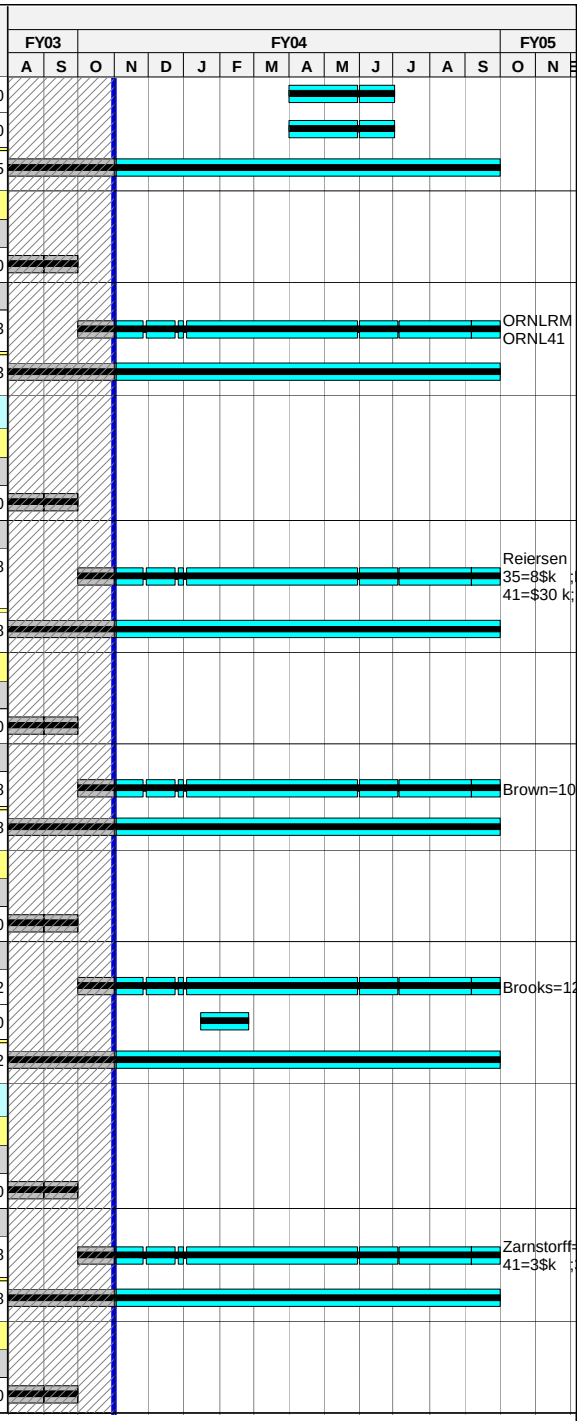
Activity ID	Activity Description	Baseline Start	Forecast Start	Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Budget at Completion (BAC)	Sched Var (BCWP - BCWS)
810.035	CD-3 Readiness - Update Proj Exec Plan (PEP)	**01APR04***	*01APR04**	**01JUL04**	*01JUL04*	***2,128***		0.00	0.00	0.00
810.040	CD-3 Readiness - Assess/Update Integr Proj Team	**01APR04***	*01APR04**	**01JUL04**	*01JUL04*	***2,128***		0.00	0.00	0.00
Subtotal		**01APR03A**	*01APR03A*	**30SEP04**	*30SEP04*	***2,065***		491,216.17	1,117,657.90	4,812.25
Job: 8102 - NCSX MIE Management ORNL-LYON										
FY03 Actual Cost										
810.101	Apr-Sept MIE Cost ORNL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	58,600.00	58,600.00	0.00
810.102	Project Management Office ORNL FY04	**01OCT03***	*01OCT03A*	**30SEP04**	*30SEP04*	***2,065***	***LOE***	10,940.77	120,228.22	10.93
Subtotal		**01APR03A**	*01APR03A*	**30SEP04**	*30SEP04*	***2,065***		69,540.77	178,828.22	10.93
82 - Project Engineering										
Job: 8202 - Engr Mgmt & Sys Eng Support-REIERSEN										
FY03 Actual Cost										
820.110	Apr-Sept MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	295,530.00	295,530.00	0.00
820.002	LOE FY04	**01OCT03***	*01OCT03A*	**30SEP04**	*30SEP04*	***2,065***	***LOE***	57,034.38	626,751.30	56.98
Subtotal		**01APR03A**	*01APR03A*	**30SEP04**	*30SEP04*	***2,065***		352,564.38	922,281.30	56.98
Job: 8203 - Design Integration-BROWN										
FY03 Actual Cost										
820.150	Apr-Sept MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	178,750.00	178,750.00	0.00
820.200	LOE FY04	**01OCT03***	*01OCT03A*	**30SEP04**	*30SEP04*	***2,065***	***LOE***	23,411.82	257,272.80	23.38
Subtotal		**01APR03A**	*01APR03A*	**30SEP04**	*30SEP04*	***2,065***		202,161.82	436,022.80	23.38
Job: 8204 - Systems Analysis-BROOKS										
FY03 Actual Cost										
820.173	Apr-Sept MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	44,620.00	44,620.00	0.00
820.174	LOE FY04	**01OCT03***	*01OCT03A*	**30SEP04**	*30SEP04*	***2,065***	***LOE***	18,937.69	208,106.50	18.92
1501-193	Perform seismic analyses	**16JAN04**	*16JAN04*	**26FEB04**	*26FEB04*	***2,217***		0.00	0.00	0.00
Subtotal		**01APR03A**	*01APR03A*	**30SEP04**	*30SEP04*	***2,065***		63,557.69	252,726.50	18.92
84 - Project Physics										
Job: 8401 - Project Physcis-ZARNSTORFF										
FY03 Actual Cost										
840.201	Apr-Sept MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	210,270.00	210,270.00	0.00
840.202	Project Physics/Engr Analysis FY04	**01OCT03***	*01OCT03A*	**30SEP04**	*30SEP04*	***2,065***	***LOE***	9,082.36	99,806.20	9.08
Subtotal		**01APR03A**	*01APR03A*	**30SEP04**	*30SEP04*	***2,065***		219,352.36	310,076.20	9.08
Job: 8402 - Project Physics MIE ORNL-LYON										
FY03 Actual Cost										
840.301	Apr-Sept MIE Cost ORNL	**01APR03A**	*01APR03A*		*30SEP03A*		***100***	40,980.00	40,980.00	0.00



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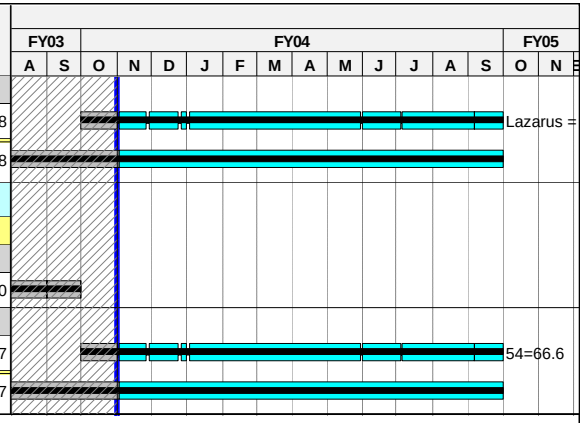
Activity ID	Activity Description	Baseline Start	Forecast Start	Baseline Finish	Forecast Finish	Total Float	% Cmplt	Earned value (BCWP)	Budget at Completion (BAC)	Sched Var (BCWP - BCWS)
840.302	Project Physics/Engr Analysis FY04	**01OCT03***	*01OCT03A*	**30SEP04**	*30SEP04*	***2,065***	***LOE***	2,780.55	30,555.48	2.78
Subtotal		**01APR03A**	*01APR03A*	**30SEP04**	*30SEP04*	***2,065***		43,760.55	71,535.48	2.78
PPPL Allocations										
Job: 8998 - Allocations										
FY03 Actual Cost										
99.03	Apr-Sept MIE Cost PPPL	**01APR03A**	*01APR03A*	**30SEP03A**	*30SEP03A*		***100***	60,670.00	60,670.00	0.00
99.04	PPPL Allocations FY04	**01OCT03***	*01OCT03A*	**30SEP04**	*30SEP04*	***2,065***	***LOE***	10,478.78	115,151.40	10.47
Subtotal		**01APR03A**	*01APR03A*	**30SEP04**	*30SEP04*	***2,065***		71,148.78	175,821.40	10.47



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current schedule
november03 waf's
Progress Bar
Critical Activity

0310

NCSX
FY04 WAF BASELINE
**** 11/1/03 STATUS ****