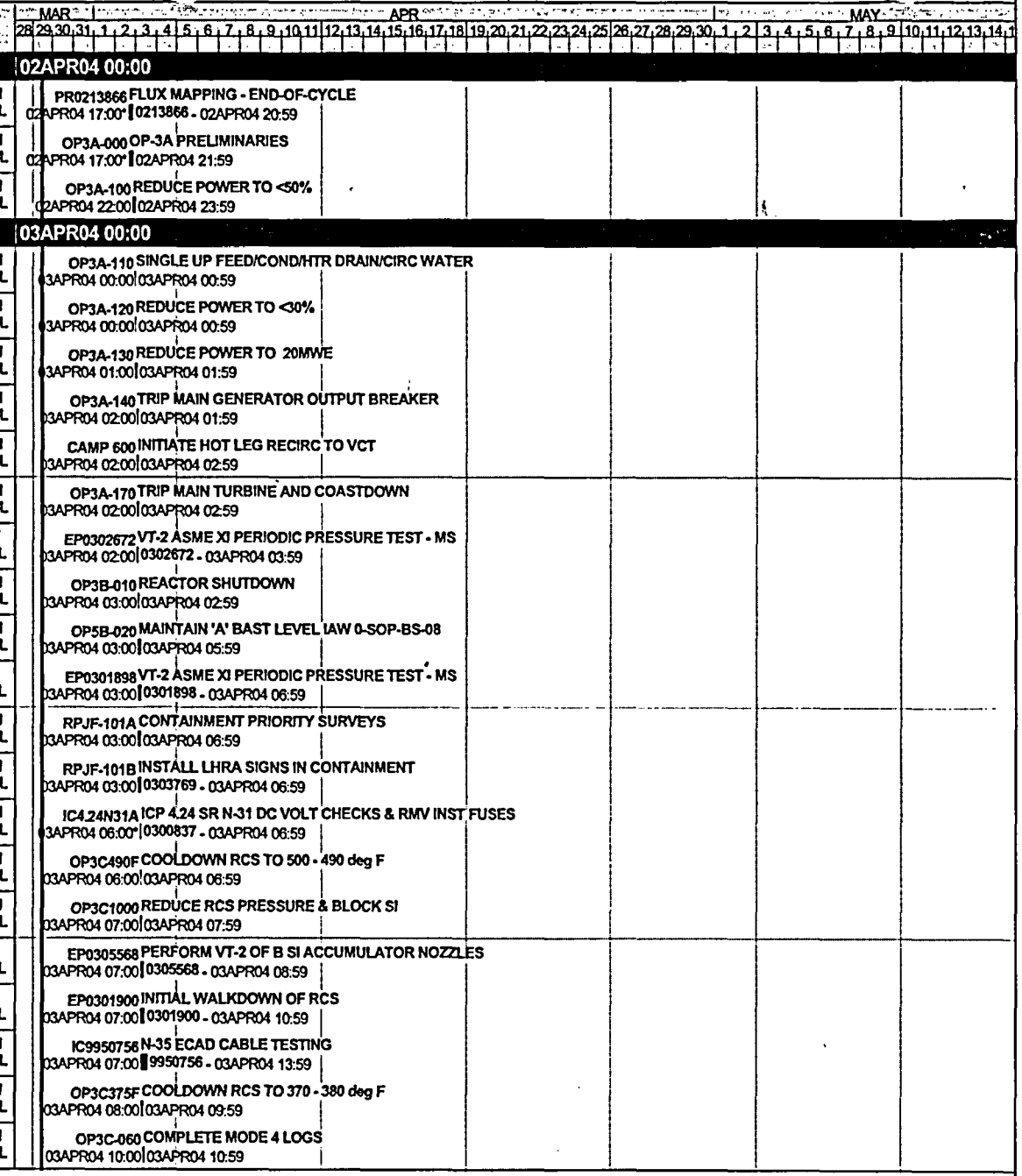
Defined Critical Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EQID	TF	RSK
02APR04 00:00										
1	PR0213866	FLUX MAPPING - END-OF-CYCLE	4	4	1	1	FM	RESP 6.1	1	DR-N ML-N ORT3-Y R-L
1	OP3A-000	OP-3A PRELIMINARIES	5	5	1	1	XX	OP-3A	0	DR-N ML-N ORT3-N R-L
1	OP3A-100	REDUCE POWER TO <50%	2	2	1	1	TU	OP-3A	0	DR-N ML-N ORT3-N R-L
03APR04 00:00										
1	OP3A-110	SINGLE UP FEED/COND/HTR	1	1	1	1	CS	OP-3A	1	DR-N ML-N ORT3-N R-L
1	OP3A-120	REDUCE POWER TO <30%	1	1	1	1	TU	OP-3A	0	DR-N ML-N ORT3-N R-L
1	OP3A-130	REDUCE POWER TO 20MWE	1	1	1	1	TU	OP-3A	0	DR-N ML-N ORT3-N R-L
1	OP3A-140	TRIP MAIN GENERATOR OUTPUT BREAKER	0	0	1	1	TU	OP-3A	0	DR-N ML-N ORT3-N R-L
1	CAMP 600	INITIATE HOT LEG RECIRC TO VCT	1	1	1	1	RC	CAMP-600	1	DR-N ML-N ORT3-N R-L
1	OP3A-170	TRIP MAIN TURBINE AND COASTDOWN	1	1	1	1	TU	TG-01-G	0	DR-N ML-N ORT3-N R-L
1	EP0302672	VT-2 ASME XI PERIODIC PRESSURE TEST - MS	2	2	1	1	MS	MS	2	DR-Y ML-Y ORT3-Y R-L
1	OP3B-010	REACTOR SHUTDOWN	0	0	1	1	RDC	OP-3B	0	DR-N ML-N ORT3-N R-L
1	OP5B-020	MAINTAIN 'A' BAST LEVEL IAW 0-SOP-BS-08	3	3	1	1	BS	T-006A	0	DR-N ML-N ORT3-N R-L
1	EP0301898	VT-2 ASME XI PERIODIC PRESSURE TEST - MS	4	4	1	1	MS	MS	1	DR-Y ML-Y ORT3-Y R-L
1	RPJF-101A	CONTAINMENT PRIORITY SURVEYS	4	4	1	1	POST-(	CONT	0	DR-N ML-N ORT3-N R-L
1	RPJF-101B	INSTALL LHRA SIGNS IN CONTAINMENT	4	4	1	1	CONT	CONT	0	DR-N ML-N ORT3-N R-L
1	IC4.24N31A	ICP 4.24 SR N-31 DC VOLT CHECKS & RMV INST	1	1	5	1	NI	ICP-04.024	2	DR-N ML-N ORT3-N R-L
1	OP3C490F	COOLDOWN RCS TO 500 - 490 deg F	1	1	1	1	RC	OP-3C	0	DR-N ML-N ORT3-N R-L
1	OP3C1000	REDUCE RCS PRESSURE & BLOCK SI	1	1	1	1	RC	OP-3C	0	DR-N ML-N ORT3-N R-L
1	EP0305568	PERFORM VT-2 OF B SI ACCUMULATOR NOZZLES	2	2	1	1	SI	T-034B	3	DR-Y ML-Y ORT3-Y R-L
1	EP0301900	INITIAL WALKDOWN OF RCS	4	4	1	1	RC	RC	1	DR-Y ML-Y ORT3-Y R-L
1	IC9950756	N-35 ECAD CABLE TESTING	7	7	5	1	NI	N-00035	2	DR-N ML-N ORT3-N R-L
1	OP3C375F	COOLDOWN RCS TO 370 - 380 deg F	2	2	1	1	RC	OP-3C	0	DR-N ML-N ORT3-N R-L
1	OP3C-060	COMPLETE MODE 4 LOGS	1	1	1	1	ADMIN	OI-31	1	DR-N ML-N ORT3-N R-L



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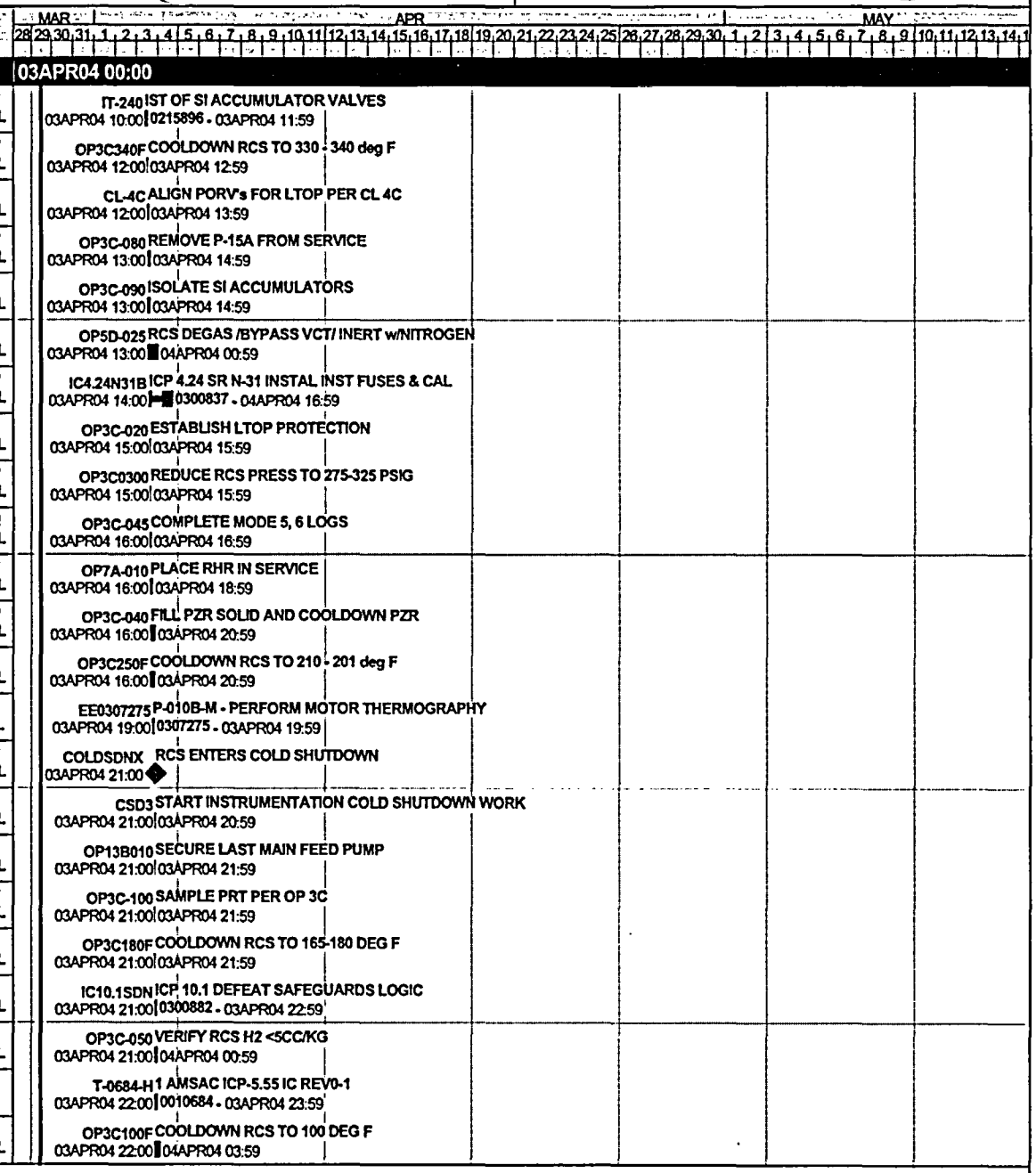
Defined Critical Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EOID	TF	RISK
03APR04 00:00										
1	IT-240	IST OF SI ACCUMULATOR VALVES	2	2	1	1	SI	O-IT-0240	0	DR-N ML-N ORT3-N R-L
1	OP3C340F	COOLDOWN RCS TO 330 - 340 deg F	1	1	1	1	RC	OP-3C	0	DR-N ML-N ORT3-N R-L
1	CL-4C	ALIGN PORV's FOR LTOP PER CL 4C	2	2	1	1	RC	CL-04C	1	DR-N ML-N ORT3-N R-L
1	OP3C-080	REMOVE P-15A FROM SERVICE	2	2	1	1	SI	P-015A	0	DR-N ML-N ORT3-N R-L
1	OP3C-090	ISOLATE SI ACCUMULATORS	2	2	1	1	SI	OP-3C	1	DR-N ML-N ORT3-N R-L
1	OP5D-025	RCS DEGAS /BYPASS VCT/ INERT w/NITROGEN	12	12	1	1	CV	OP-5D	0	DR-N ML-N ORT3-N R-L
1	IC4.24N31B	ICP 4.24 SR N-31 INSTAL INST FUSES & CAL	15	15	5	1	NI	ICP-04.024	2	DR-N ML-N ORT3-N R-L
1	OP3C-020	ESTABLISH LTOP PROTECTION	1	1	1	1	RC	OP-3C	0	DR-N ML-N ORT3-N R-L
1	OP3C0300	REDUCE RCS PRESS TO 275-325 PSIG	1	1	1	1	RC	OP-3C	1	DR-N ML-N ORT3-N R-L
1	OP3C-045	COMPLETE MODE 5, 6 LOGS	1	1	1	1	ADMIN	OP-3C	4	DR-N ML-N ORT3-N R-L
1	OP7A-010	PLACE RHR IN SERVICE	3	3	1	1	RH	OP-7A	1	DR-N ML-N ORT3-N R-L
1	OP3C-040	FILL PZR SOLID AND COOLDOWN PZR	5	5	1	1	RC	OP-3C	0	DR-N ML-N ORT3-N R-L
1	OP3C250F	COOLDOWN RCS TO 210 - 201 deg F	5	5	1	1	RC	OP-3C	0	DR-N ML-N ORT3-N R-L
1	EE0307275	P-010B-M - PERFORM MOTOR THERMOGRAPHY	1	1	1	1	RH	P-010B-M	1	DR-Y ML-Y ORT3-Y R-L
1	COLDSDNX	RCS ENTERS COLD SHUTDOWN	0	0	1	1	XX	MILESTONE	0	DR-N ML-N ORT3-N R-L
2	CSD3	START INSTRUMENTATION COLD SHUTDOWN WORK	0	0	1	2	XX	MILESTONE	2	DR-N ML-N ORT3-N R-L
	OP13B010	SECURE LAST MAIN FEED PUMP	1	1	1		CS	OP-13B	1	DR-N ML-N ORT3-N R-L
1	OP3C-100	SAMPLE PRT PER OP 3C	1	1	1	1	RC	T-002	3	DR-N ML-N ORT3-N R-L
1	OP3C180F	COOLDOWN RCS TO 165-180 DEG F	1	1	1	1	RC	OP-3C	0	DR-N ML-N ORT3-N R-L
1	IC10.1SDN	ICP 10.1 DEFEAT SAFEGUARDS LOGIC	2	2	1	1	ESF	ICP-10.001	2	DR-Y ML-Y ORT3-N R-L
1	OP3C-050	VERIFY RCS H2 <5CC/KG	4	4	1	1	RC	OP-3C	0	DR-N ML-N ORT3-N R-L
1	T-0684-H	1 AMSAC ICP-5.55 IC REV0-1	2	2	1	1	AMSAC	ICP-5.55	1	
1	OP3C100F	COOLDOWN RCS TO 100 DEG F	6	6	1	1	RC	OP-3C	3	DR-N ML-N ORT3-N R-L



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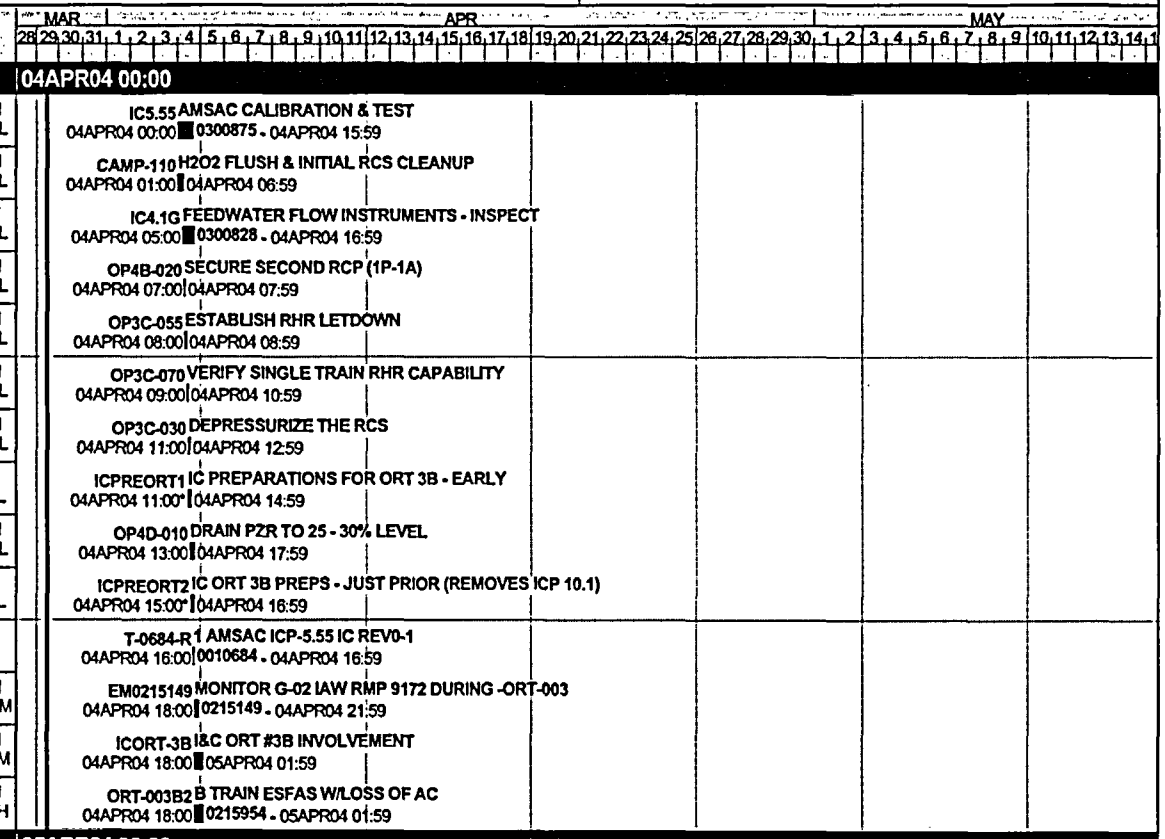
Defined Critical Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EQID	TF	RISK
04APR04 00:00										
1	IC5.55	AMSAC CALIBRATION & TEST	16	16	1	1	AMSAC	ICP-05.055	1	DR-N ML-N ORT3-N R-L
1	CAMP-110	H2O2 FLUSH & INITIAL RCS CLEANUP	6	6	1	1	RC	CAMP-110	0	DR-N ML-N ORT3-N R-L
1	IC4.1G	FEEDWATER FLOW INSTRUMENTS - INSPECT	12	12	K	1	RP	ICP-04.001	0	DR-N ML-Y ORT3-N R-L
1	OP4B-020	SECURE SECOND RCP (1P-1A)	1	1	1	1	RC	OP-4B	0	DR-N ML-N ORT3-N R-L
1	OP3C-055	ESTABLISH RHR LETDOWN	1	1	1	1	RH	OP-3C	0	DR-N ML-N ORT3-N R-L
1	OP3C-070	VERIFY SINGLE TRAIN RHR CAPABILITY	2	2	1	1	RH	OP-3C	0	DR-N ML-N ORT3-N R-L
1	OP3C-030	DEPRESSURIZE THE RCS	2	2	1	1	RC	OP-3C	0	DR-N ML-N ORT3-N R-L
1	ICPREORT1	IC PREPARATIONS FOR ORT 3B - EARLY	4	4	1	1	SI	ESF	1	DR-Y ML-Y ORT3-Y R-L
1	OP4D-010	DRAIN PZR TO 25 - 30% LEVEL	5	5	1	1	RC	OP-4D	0	DR-N ML-N ORT3-N R-L
1	ICPREORT2	IC ORT 3B PREPS - JUST PRIOR (REMOVES ICP 10.1)	2	2	1	1	SI	ESF	1	DR-Y ML-Y ORT3-Y R-L
1	T-0684-R	1 AMSAC ICP-5.55 IC REV0-1	1	1	1	1	AMSAC	ICP-5.55	1	
0	EM0215149	MONITOR G-02 IAW RMP 9172 DURING -ORT-003	4	4	1	0	DG	G-02	4	DR-N ML-N ORT3-N R-M
1	ICORT-3B	I&C ORT #3B INVOLVEMENT	8	8	1	1	SI	ESF-B	1	DR-N ML-N ORT3-Y R-M
1	ORT-003B2	B TRAIN ESFAS W/LOSS OF AC	8	8	1	1	SI	O-RT-003B	0	DR-N ML-N ORT3-Y R-H
05APR04 00:00										
1	ICPOSTORT1	IC RECOVERY FROM ORT 3B - ICP 10.1 IN EFFECT	2	2	1	1	SI	ESF	1	DR-Y ML-Y ORT3-Y R-L
1	ORT-003B3	RESTORE B TRAIN ESFAS	8	8	1	1	SI	O-RT-003B	0	DR-N ML-N ORT3-N R-L
1	IC4.1E-1	STEAM PRESSURE INSTRUMENTS - INSPECT	11	11	1	1	RP	ICP-04.001	1	DR-Y ML-Y ORT3-N R-L
1	IC4.24N32A	ICP 4.24 SR N-32 DC VOLT CHECKS & RMV INST	1	1	5	1	NI	ICP-04.024	2	DR-N ML-N ORT3-N R-L
1	IC9950757	N-36 ECAD CABLE TESTING	7	7	5	1	NI	N-00036	2	DR-N ML-N ORT3-N R-L
1	ORT-003A1	PREP FOR A TRAIN ESFAS TESTING	8	8	1	1	SI	O-RT-003A	0	DR-N ML-N ORT3-N R-L
1	IC4.24N32B	ICP 4.24 NI SR N-32 INSTAL INST FUSES & CAL	15	15	5	1	NI	ICP-04.024	2	DR-N ML-N ORT3-N R-L
0	EM0215148	MONITOR G-01 IAW RMP 9172 DURING -ORT-003	4	4	1	0	DG	G-01	4	DR-N ML-N ORT3-N R-M
1	ORT-003A2	A TRAIN ESFAS W/LOSS OF AC	8	8	1	1	SI	O-RT-003A	0	DR-N ML-N ORT3-Y R-H



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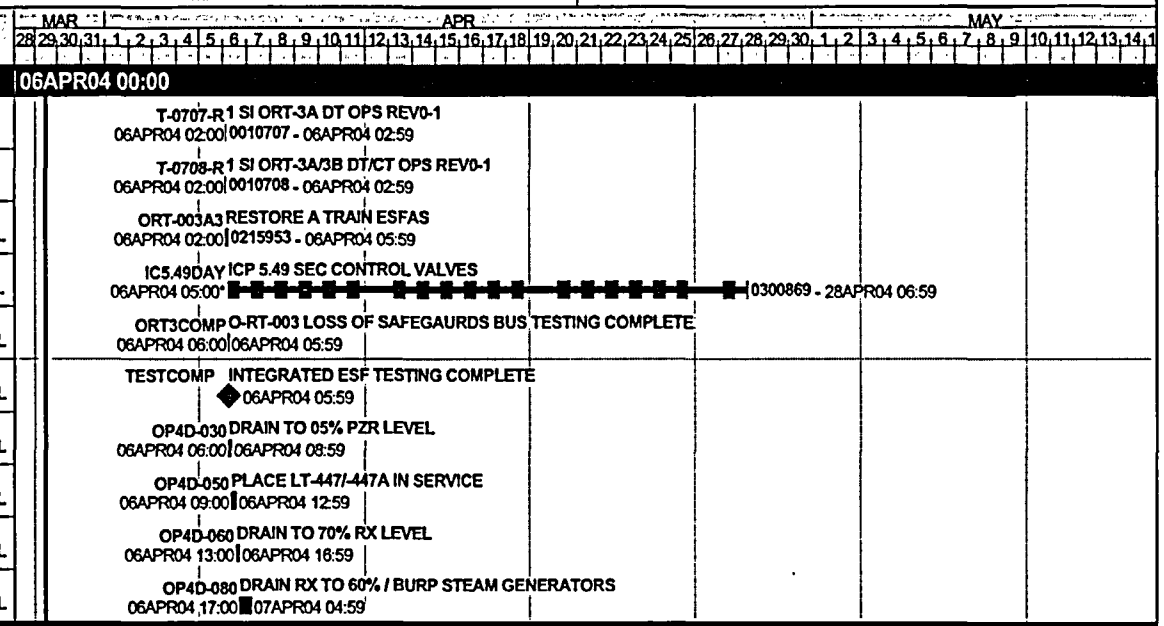
Defined Critical Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EQID	TF	RISK
06APR04 00:00										
1	T-0707-R	1 SI ORT-3A DT OPS REV0-1	1	1	1	1	SI	O-RT-003A	3	
1	T-0708-R	1 SI ORT-3A/3B DT/CT OPS REV0-1	1	1	1	1	SI	ORT-3A/3B	3	
1	ORT-003A3	RESTORE A TRAIN ESFAS	4	4	1	1	SI	O-RT-003A	0	DR-N ML-N ORT3-N R-L
1	IC5.49DAY	ICP 5.49 SEC CONTROL VALVES	230	230	B	1	MMS	ICP-05.049	4	DR-Y ML-Y ORT3-Y R-L
1	ORT3COMP	O-RT-003 LOSS OF SAFEGAURDS BUS	0	0	1	1	ESF	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	TESTCOMP	INTEGRATED ESF TESTING COMPLETE	0	0	1	1	ESF	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	OP4D-030	DRAIN TO 05% PZR LEVEL	3	3	1	1	RC	OP-4D	0	DR-N ML-N ORT3-N R-L
1	OP4D-050	PLACE LT-447/-447A IN SERVICE	4	4	1	1	RC	OP-4D	0	DR-N ML-N ORT3-N R-L
1	OP4D-060	DRAIN TO 70% RX LEVEL	4	4	1	1	RC	OP-4D	0	DR-N ML-N ORT3-N R-L
1	OP4D-080	DRAIN RX TO 60% / BURP STEAM GENERATORS	12	12	1	1	RC	OP-4D	0	DR-N ML-N ORT3-N R-L
07APR04 00:00										
1	MM0212765	VALVE FOR NITROGEN LINE ON Z-16 LEAKS, REPLACE	6	6	1	1	FH	FH	3	DR-Y ML-Y ORT3-Y R-L
1	OP4D-090	VENT/BURP/ALIGN RCDT	2	2	1	1	RC	OP-4D	0	DR-N ML-N ORT3-N R-L
1	OI56-010	DRAIN TRANSFER CANAL	16	16	1	1	FH	OI-56	2	DR-Y ML-Y ORT3-N R-L
1	T-1675-R	1 FH Z-16 INTEGRATED REV0-1	2	2	1	1	FH	Z-016	3	DR-Y ML-Y ORT3-Y R-L
1	T-3718-H	1 SI SI-844A MMV REV0-1	3	3	1	1	SI	SI-844A	4	DR-Y ML-Y ORT3-Y R-L
1	OP4D-098	DRAIN TO 55% RX LEVEL	4	4	1	1	RC	OP-4D	0	DR-N ML-N ORT3-N R-L
1	IC10.9	ICP 10.9 FUEL MANIPULATOR LOAD CELL	6	6	D	1	FH	ICP-10.009	3	DR-Y ML-Y ORT3-Y R-L
1	MM0216334	1SI-844A SEAT LEAKAGE	36	36	1	1	SI	SI-00844A	4	DR-Y ML-Y ORT3-Y R-L
1	RCX02A1	ENTER RCS REDUCED INVENTORY (1ST)	0	0	1	1	XX	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	OP4D-097	DRAIN TO 40% RX LEVEL	1	1	1	1	RC	OP-4D	0	DR-Y ML-N ORT3-N R-L
1	OP4D-096	PLACE LI-447B IN SERVICE	1	1	1	1	RC	OP-4D	0	DR-Y ML-N ORT3-N R-L
1	OP4D-099	VERIFY SINGLE TRAIN RHR CAPABILITY	2	2	1	1	RH	OP-4D	0	DR-Y ML-N ORT3-N R-L
1	OP4D-100	DRAIN TO 22 TO 25% (MIDLOOP LEVEL)	3	3	1	1	RC	OP-4D	0	DR-Y ML-Y ORT3-N R-L



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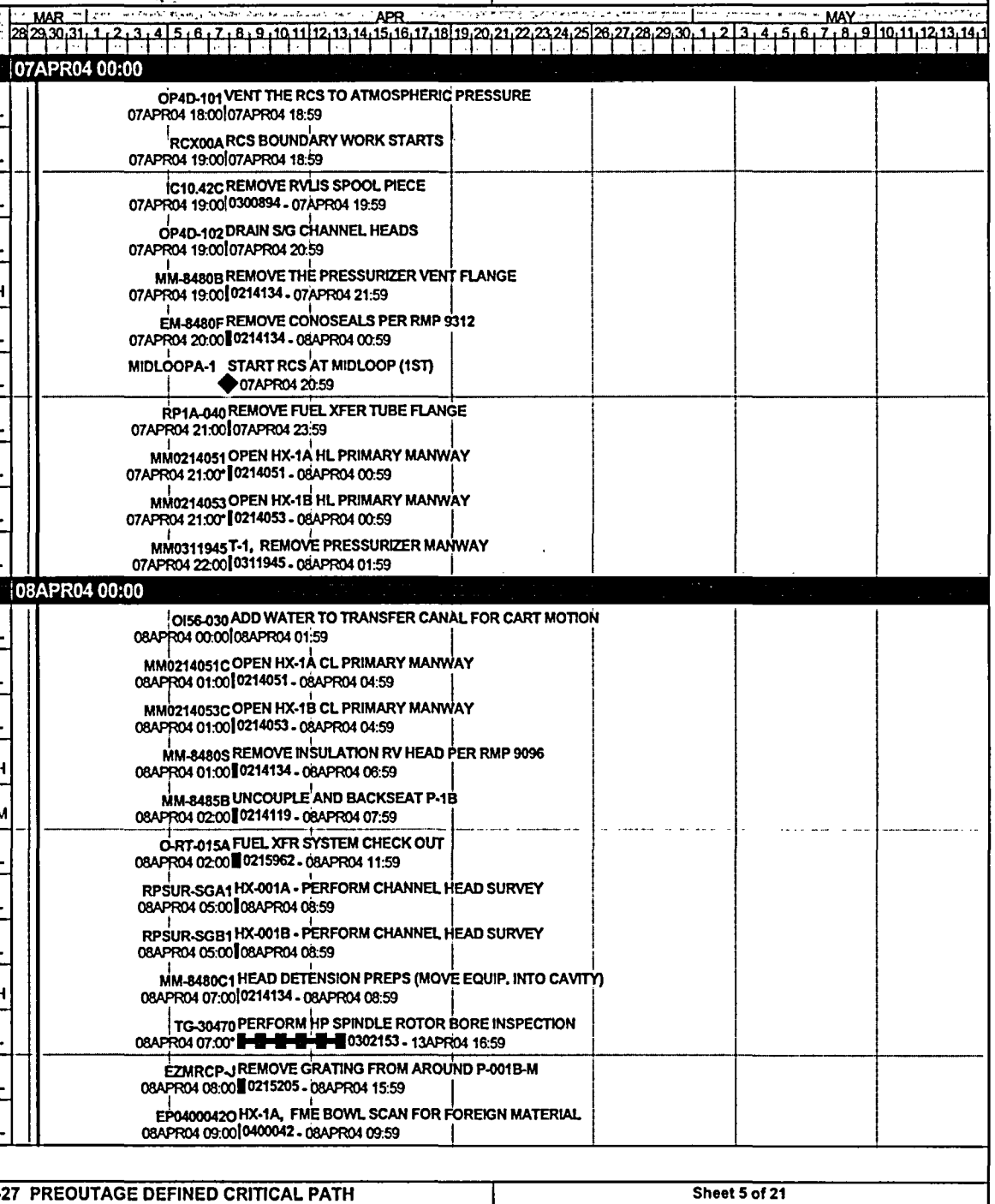
Defined Critical Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EQID	TF	RISK
07APR04 00:00										
1	OP4D-101	VENT THE RCS TO ATMOSPHERIC PRESSURE	1	1	1	1	RC	OP-4D	0	DR-Y ML-Y ORT3-N R-L
1	RCX00A	RCS BOUNDARY WORK STARTS	0	0	1	1	RC	CONDITION	0	DR-N ML-N ORT3-N R-L
1	IC10.42C	REMOVE RVLIS SPOOL PIECE	1	1	1	1	XX	ICP-10.042	0	DR-N ML-N ORT3-N R-L
1	OP4D-102	DRAIN S/G CHANNEL HEADS	2	2	1	1	RC	OP-4D	0	DR-Y ML-Y ORT3-N R-L
1	MM-8480B	REMOVE THE PRESSURIZER VENT	3	3	1	1	RC	R-1	4	DR-Y ML-Y ORT3-Y R-H
1	EM-8480F	REMOVE CONOSEALS PER RMP 9312	5	5	1	1	RC	R-1	0	DR-Y ML-Y ORT3-N R-L
1	MIDLOOPA-1	START RCS AT MIDLOOP (1ST)	0	0	1	1	XX	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	RP1A-040	REMOVE FUEL XFER TUBE FLANGE	3	3	1	1	FH	O-RP-001A	2	DR-Y ML-Y ORT3-N R-L
1	MM0214051	OPEN HX-1A HL PRIMARY MANWAY	4	4	1	1	MS	HX-001A	0	DR-N ML-Y ORT3-Y R-L
1	MM0214053	OPEN HX-1B HL PRIMARY MANWAY	4	4	1	1	MS	HX-001B	0	DR-N ML-Y ORT3-Y R-L
1	MM0311945	T-1, REMOVE PRESSURIZER MANWAY	4	4	1	1	RC	T-001	4	DR-Y ML-Y ORT3-Y R-L
08APR04 00:00										
1	OI56-030	ADD WATER TO TRANSFER CANAL FOR CART MOTION	2	2	1	1	FH	OI-56	2	DR-Y ML-Y ORT3-N R-L
1	MM0214051C	OPEN HX-1A CL PRIMARY MANWAY	4	4	1	1	MS	HX-001A	0	DR-Y ML-Y ORT3-Y R-L
1	MM0214053C	OPEN HX-1B CL PRIMARY MANWAY	4	4	1	1	MS	HX-001B	0	DR-Y ML-Y ORT3-Y R-L
1	MM-8480S	REMOVE INSULATION RV HEAD PER RMP 9096	6	6	1	1	RC	R-1	0	DR-Y ML-Y ORT3-Y R-H
1	MM-8485B	UNCOUPLE AND BACKSEAT P-1B	6	6	1	1	RC	P-001B	4	DR-Y ML-Y ORT3-Y R-M
1	O-RT-015A	FUEL XFR SYSTEM CHECK OUT	10	10	1	1	FH	O-RT-015	2	DR-Y ML-Y ORT3-N R-L
2	RPSUR-SGA1	HX-001A - PERFORM CHANNEL HEAD SURVEY	4	4	1	2	RC	HX-001A	0	DR-Y ML-Y ORT3-Y R-L
2	RPSUR-SGB1	HX-001B - PERFORM CHANNEL HEAD SURVEY	4	4	1	2	RC	HX-001B	0	DR-Y ML-Y ORT3-Y R-L
1	MM-8480C1	HEAD DETENSION PREPS (MOVE EQUIP. INTO	2	2	1	1	RC	R-1	0	DR-Y ML-Y ORT3-Y R-H
1	TG-30470	PERFORM HP SPINDLE ROTOR BORE INSPECTION	70	70	5	1	TU	TG-01-T	0	DR-Y ML-Y ORT3-Y R-L
1	EZMRCP-J	REMOVE GRATING FROM AROUND P-001B-M	8	8	1	1	RC	P-001B-M	4	DR-Y ML-Y ORT3-N R-L
1	EP0400042O	HX-1A, FME BOWL SCAN FOR FOREIGN MATERIAL	1	1	1	1	MS	HX-001A	3	DR-N ML-Y ORT3-N R-L



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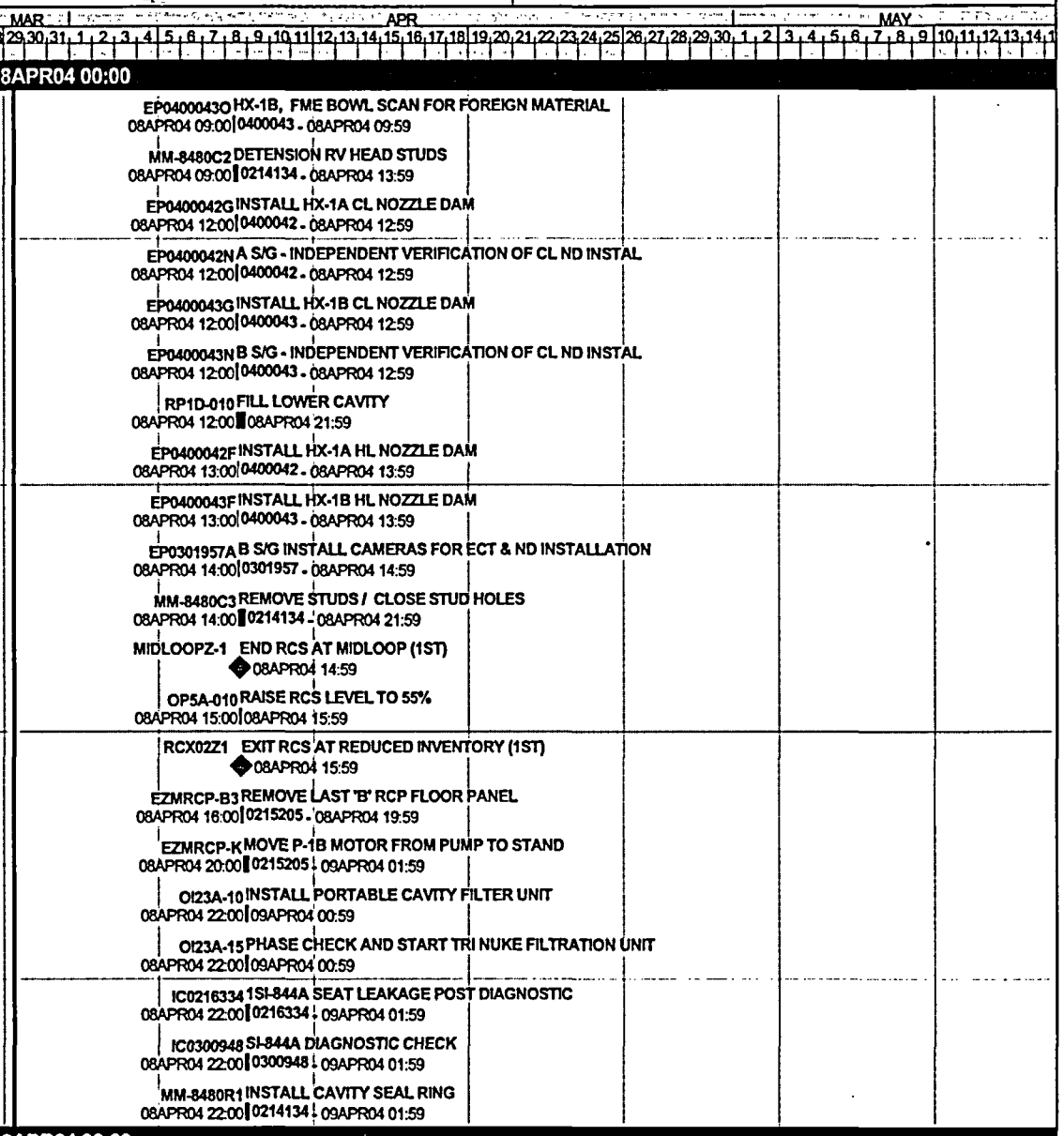
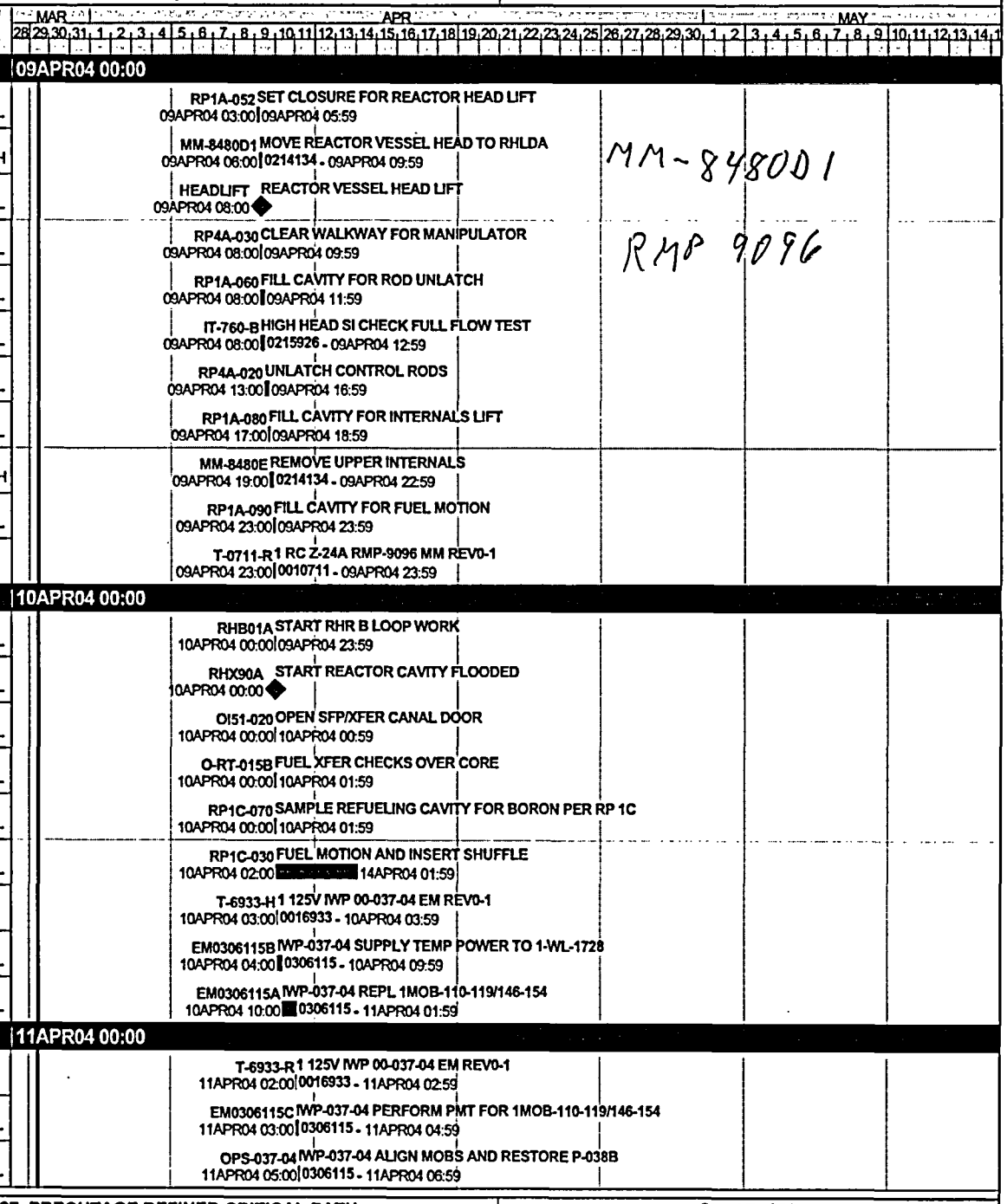
U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EQID	TF	RISK
08APR04 00:00										
1	EP0400043O	HX-1B, FME BOWL SCAN FOR FOREIGN MATERIAL	1	1	1	1	MS	HX-001B	3	DR-N ML-Y ORT3-N R-L
1	MM-8480C2	DETENSION RV HEAD STUDS	5	5	1	1	RC	R-1	0	DR-Y ML-Y ORT3-Y R-H
1	EP0400042G	INSTALL HX-1A CL NOZZLE DAM	1	1	1	1	MS	HX-001A	0	DR-N ML-Y ORT3-N R-L
1	EP0400042N	A S/G - INDEPENDENT VERIFICATION OF CL ND	1	1	1	1	MS	HX-001A	2	DR-N ML-Y ORT3-N R-L
1	EP0400043G	INSTALL HX-1B CL NOZZLE DAM	1	1	1	1	MS	HX-001B	0	DR-N ML-Y ORT3-N R-L
1	EP0400043N	B S/G - INDEPENDENT VERIFICATION OF CL ND	1	1	1	1	MS	HX-001B	1	DR-N ML-Y ORT3-N R-L
1	RP1D-010	FILL LOWER CAVITY	10	10	1	1	FH	O-RP-001D	2	DR-Y ML-Y ORT3-N R-L
1	EP0400042F	INSTALL HX-1A HL NOZZLE DAM	1	1	1	1	MS	HX-001A	1	DR-N ML-Y ORT3-N R-L
1	EP0400043F	INSTALL HX-1B HL NOZZLE DAM	1	1	1	1	MS	HX-001B	0	DR-N ML-Y ORT3-N R-L
1	EP0301957A	B S/G INSTALL CAMERAS FOR ECT & ND	1	1	1	1	MS	HX-001B	0	DR-N ML-Y ORT3-N R-L
1	MM-8480C3	REMOVE STUDS / CLOSE STUD HOLES	8	8	1	1	RC	R-1	0	DR-Y ML-Y ORT3-Y R-H
1	MIDLOOPZ-1	END RCS AT MIDLOOP (1ST)	0	0	1	1	XX	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	OP5A-010	RAISE RCS LEVEL TO 55%	1	1	1	1	RC	OP-5A	0	DR-N ML-Y ORT3-N R-L
1	RCX02Z1	EXIT RCS AT REDUCED INVENTORY (1ST)	0	0	1	1	XX	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	EZMRCP-B3	REMOVE LAST 'B' RCP FLOOR PANEL	4	4	1	1	RC	P-001B-M	4	DR-Y ML-Y ORT3-N R-L
1	EZMRCP-K	MOVE P-1B MOTOR FROM PUMP TO STAND	6	6	1	1	RC	P-001B-M	4	DR-Y ML-Y ORT3-N R-L
1	OI23A-10	INSTALL PORTABLE CAVITY FILTER UNIT	3	3	1	1	FH	OI-23A	2	DR-N ML-Y ORT3-N R-L
1	OI23A-15	PHASE CHECK AND START TRI NUKE FILTRATION UNIT	3	3	1	1	FH	OI-23A	2	DR-Y ML-Y ORT3-N R-L
1	IC0216334	1SI-844A SEAT LEAKAGE POST DIAGNOSTIC	4	4	1	1	SI	SI-00844A	4	DR-N ML-Y ORT3-Y R-L
1	IC0300948	SI-844A DIAGNOSTIC CHECK	4	4	1	1	SI	SI-00844A-	4	DR-N ML-Y ORT3-Y R-L
1	MM-8480R1	INSTALL CAVITY SEAL RING	4	4	1	1	RC	R-1	0	DR-Y ML-Y ORT3-Y R-H
09APR04 00:00										
1	MM-8480R2	CHECK SANDBOX & TOP HAT COVER BOLT TORQUE	1	1	1	1	RC	R-1	0	DR-Y ML-Y ORT3-Y R-H
1	MM-8480D	BRIEF/PREPS FOR HEAD LIFT	3	3	1	1	RC	R-1	0	DR-Y ML-Y ORT3-Y R-H



Defined Critical Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EQID	TF	RSK
09APR04 00:00										
1	RP1A-052	SET CLOSURE FOR REACTOR HEAD LIFT	3	3	1	1	FH	O-RP-001A	0	DR-Y ML-Y ORT3-N R-L
1	MM-8480D1	MOVE REACTOR VESSEL HEAD TO RHLDA	4	4	1	1	RC	R-1	0	DR-N ML-N ORT3-Y R-H
1	HEADLIFT	REACTOR VESSEL HEAD LIFT	0	0	1	1	RC	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	RP4A-030	CLEAR WALKWAY FOR MANIPULATOR	2	2	1	1	CONT	O-RP-004A	3	DR-N ML-N ORT3-N R-L
1	RP1A-060	FILL CAVITY FOR ROD UNLATCH	4	4	1	1	FH	O-RP-001A	0	DR-N ML-N ORT3-N R-L
1	IT-760-B	HIGH HEAD SI CHECK FULL FLOW TEST	5	5	1	1	SI	O-IT-0760	0	DR-N ML-N ORT3-N R-L
1	RP4A-020	UNLATCH CONTROL RODS	4	4	1	1	FH	O-RP-004A	0	DR-N ML-N ORT3-N R-L
1	RP1A-080	FILL CAVITY FOR INTERNALS LIFT	2	2	1	1	FH	O-RP-001A	0	DR-N ML-N ORT3-N R-L
1	MM-8480E	REMOVE UPPER INTERNALS	4	4	1	1	RC	R-1	0	DR-N ML-N ORT3-N R-H
1	RP1A-090	FILL CAVITY FOR FUEL MOTION	1	1	1	1	FH	O-RP-001A	0	DR-N ML-N ORT3-N R-L
1	T-0711-R	1 RC Z-24A RMP-9096 MM REV0-1	1	1	1	1	RC	Z-024A	2	
10APR04 00:00										
1	RHB01A	START RHR B LOOP WORK	0	0	1	1	RH	MILESTONE	3	DR-N ML-N ORT3-N R-L
1	RHX90A	START REACTOR CAVITY FLOODED	0	0	1	1	RH	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	OI51-020	OPEN SFP/XFER CANAL DOOR	1	1	1	1	FH	OI-51	1	DR-N ML-N ORT3-N R-L
1	O-RT-015B	FUEL XFER CHECKS OVER CORE	2	2	1	1	FH	Z-016	0	DR-N ML-N ORT3-N R-L
1	RP1C-070	SAMPLE REFUELING CAVITY FOR BORON PER	2	2	1	1		O-RP-001C	2	DR-N ML-N ORT3-N R-L
1	RP1C-030	FUEL MOTION AND INSERT SHUFFLE	96	96	1	1	FH	O-RP-001C	0	DR-N ML-N ORT3-N R-L
1	T-6933-H	1 125V IWP 00-037-04 EM REV0-1	1	1	1	1	125V	D72-19-03	0	
0	EM0306115B	IWP-037-04 SUPPLY TEMP POWER TO 1-WL-1728	6	6	1	0	125V	D72-19-03	0	DR-N ML-N ORT3-N R-L
0	EM0306115A	IWP-037-04 REPL 1MOB-110-119/146-154	16	16	1	0	125V	D72-19-03	0	DR-N ML-N ORT3-N R-L
11APR04 00:00										
1	T-6933-R	1 125V IWP 00-037-04 EM REV0-1	1	1	1	1	125V	D72-19-03	0	
0	EM0306115C	IWP-037-04 PERFORM PMT FOR 1MOB-110-119/146-154	2	2	1	0	125V	D72-19-03	0	DR-N ML-N ORT3-N R-L
0	OPS-037-04	IWP-037-04 ALIGN MOBS AND RESTORE P-038B	2	2	1	0	125V	D72-19-03	0	DR-N ML-N ORT3-N R-L



MM-8480D1

RMP 9096

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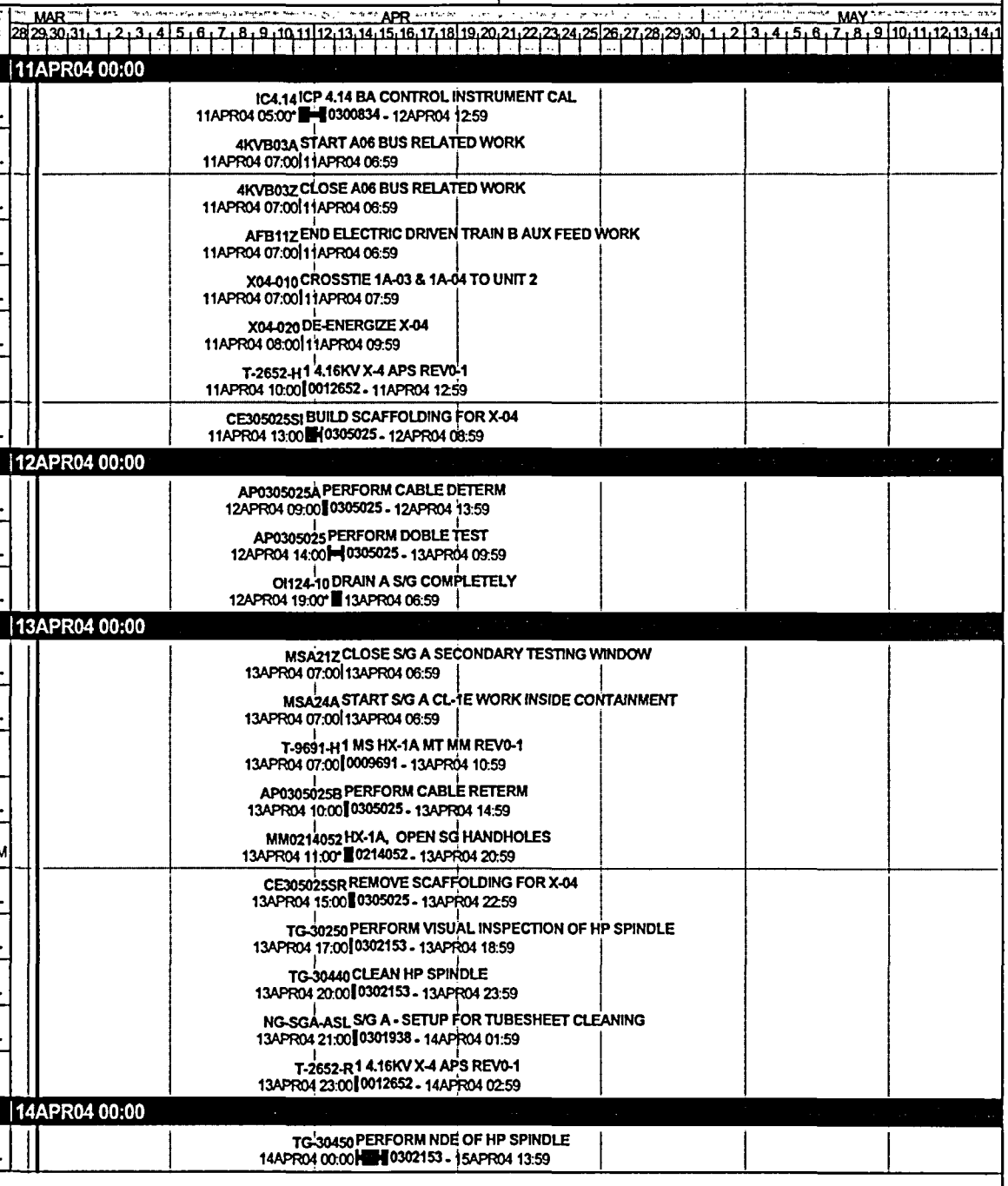
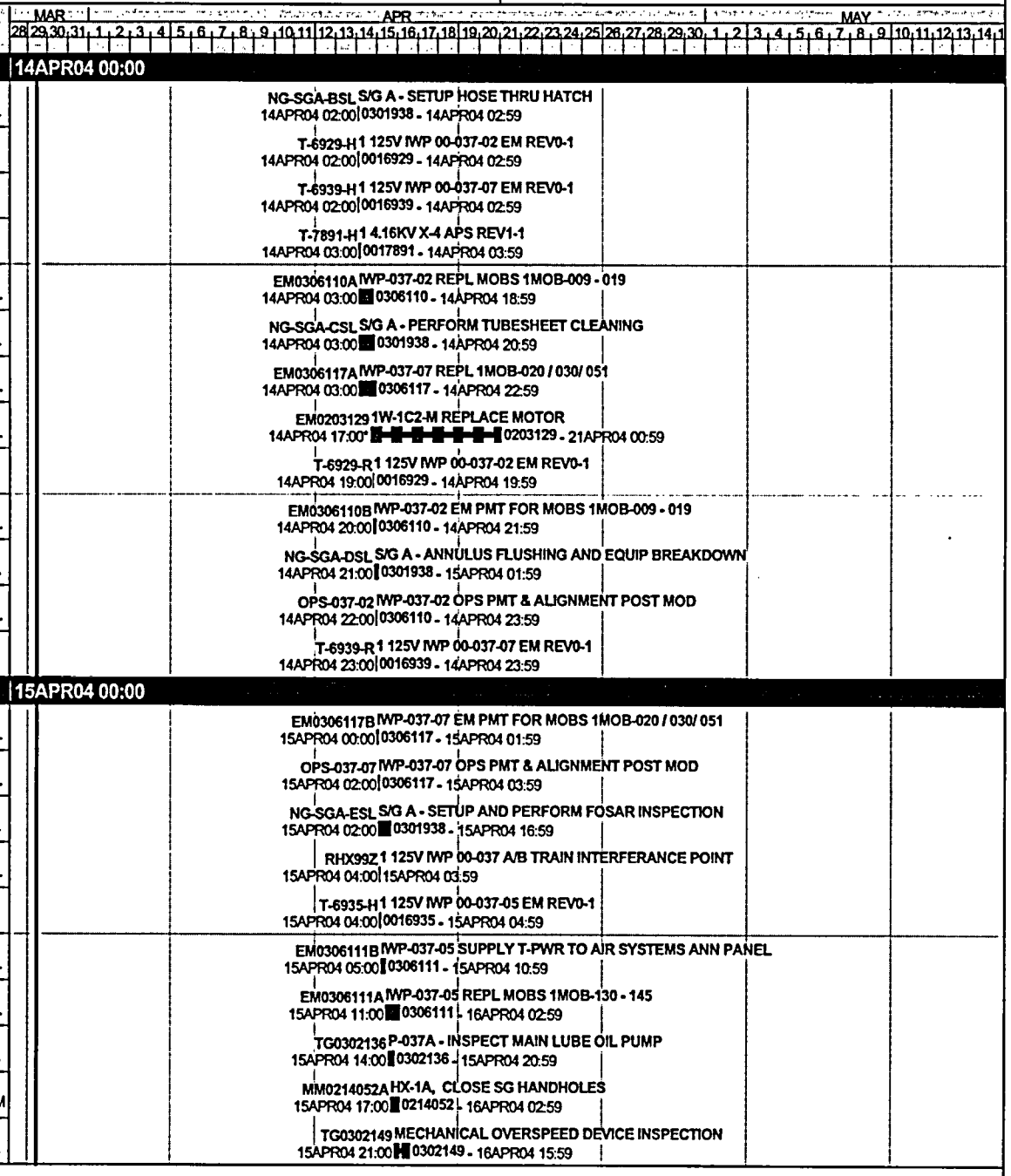
Defined Critical Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EQID	TF	RISK
11APR04 00:00										
1	IC4.14	ICP 4.14 BA CONTROL INSTRUMENT CAL	20	20	D	1	CV	ICP-04.014	4	DR-N ML-N ORT3-N R-L
1	4KVB03A	START A06 BUS RELATED WORK	0	0	1	1	4.16KV	4.16KV	0	DR-N ML-N ORT3-N R-L
1	4KVB03Z	CLOSE A06 BUS RELATED WORK	0	0	1	1	4.16KV	4.16KV	0	DR-N ML-N ORT3-N R-L
1	AFB11Z	END ELECTRIC DRIVEN TRAIN B AUX FEED WORK	0	0	1	1	AF	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	X04-010	CROSSTIE 1A-03 & 1A-04 TO UNIT 2	1	1	1	1	4.16KV	X-04	0	DR-N ML-N ORT3-N R-L
1	X04-020	DE-ENERGIZE X-04	2	2	1	1	4.16KV	X-04	0	DR-N ML-N ORT3-N R-L
1	T-2652-H	1 4.16KV X-4 APS REV0-1	3	3	1	1	4.16KV	X-04	0	
1	CE305025SI	BUILD SCAFFOLDING FOR X-04	16	16	7	1	4.16KV	X-04	0	DR-N ML-N ORT3-N R-L
12APR04 00:00										
1	AP0305025A	PERFORM CABLE DETERM	5	5	8	1	4.16KV	X-04	0	DR-N ML-N ORT3-N R-L
1	AP0305025	PERFORM DOBLE TEST	6	6	8	1	4.16KV	X-04	0	DR-N ML-N ORT3-N R-L
1	OI124-10	DRAIN A S/G COMPLETELY	12	12	1	1	MS	HX-001A	3	DR-N ML-N ORT3-N R-L
13APR04 00:00										
1	MSA21Z	CLOSE S/G A SECONDARY TESTING WINDOW	0	0	1	1	SG	MILESTONE	3	DR-N ML-N ORT3-N R-L
1	MSA24A	START S/G A CL-1E WORK INSIDE CONTAINMENT	0	0	1	1	MS	MILESTONE	3	DR-N ML-N ORT3-N R-L
1	T-9691-H	1 MS HX-1A MT MM REV0-1	4	4	1	1	MS	HX-001A	3	
1	AP0305025B	PERFORM CABLE RETERM	5	5	8	1	4.16KV	X-04	0	DR-N ML-N ORT3-N R-L
1	MM0214052	HX-1A, OPEN SG HANDHOLES	10	10	1	1	MS	HX-001A	3	DR-N ML-N ORT3-N R-M
1	CE305025SR	REMOVE SCAFFOLDING FOR X-04	8	8	7	1	4.16KV	X-04	0	DR-N ML-N ORT3-N R-L
1	TG-30250	PERFORM VISUAL INSPECTION OF HP	2	2	P	1	TU	TG-01-T	4	DR-Y ML-Y ORT3-Y R-L
1	TG-30440	CLEAN HP SPINDLE	4	4	P	1	TU	TG-01-T	4	DR-Y ML-Y ORT3-Y R-L
1	NG-SGA-ASL	S/G A - SETUP FOR TUBESHEET CLEANING	5	5	1	1	MS	HX-001A	3	DR-N ML-N ORT3-Y R-L
1	T-2652-R	1 4.16KV X-4 APS REV0-1	4	4	1	1	4.16KV	X-04	0	
14APR04 00:00										
1	TG-30450	PERFORM NDE OF HP SPINDLE	30	30	P	1	TU	TG-01-T	4	DR-Y ML-Y ORT3-Y R-L



Defined C[illegible]cal Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EQID	TF	RISK
14APR04 00:00										
1	NG-SGA-BSL	S/G A - SETUP HOSE THRU HATCH	1	1	1	1	MS	HX-001A	3	DR-Y ML-Y ORT3-Y R-L
1	T-6929-H	1 125V IWP 00-037-02 EM REV0-1	1	1	1	1	125V	D72-16-08	0	
1	T-6939-H	1 125V IWP 00-037-07 EM REV0-1	1	1	1	1	125V	D72-21-08	0	
1	T-7891-H	1 4.16KV X-4 APS REV1-1	1	1	1	1	4.16KV	X-4	0	
0	EM0306110A	IWP-037-02 REPL MOBS 1MOB-009 - 019	16	16	1	0	125V	D72-16-08	0	DR-N ML-N ORT3-N R-L
1	NG-SGA-CSL	S/G A - PERFORM TUBESHEET CLEANING	18	18	1	1	MS	HX-001A	3	DR-N ML-N ORT3-Y R-L
0	EM0306117A	IWP-037-07 REPL 1MOB-020 / 030/ 051	20	20	1	0	125V	D72-21-08	0	DR-N ML-N ORT3-N R-L
1	EM0203129	1W-1C2-M REPLACE MOTOR	80	80	6	1	VNCC	W-001C2-M	4	DR-N ML-N ORT3-N R-L
1	T-6929-R	1 125V IWP 00-037-02 EM REV0-1	1	1	1	1	125V	D72-16-08	4	
0	EM0306110B	IWP-037-02 EM PMT FOR MOBS 1MOB-009 - 019	2	2	1	0	125V	D72-16-08	4	DR-N ML-N ORT3-N R-L
1	NG-SGA-DSL	S/G A - ANNULUS FLUSHING AND EQUIP	5	5	1	1	MS	HX-001A	3	DR-Y ML-Y ORT3-Y R-L
0	OPS-037-02	IWP-037-02 OPS PMT & ALIGNMENT POST MOD	2	2	1	0	125V	D72-16-08	4	DR-N ML-N ORT3-N R-L
1	T-6939-R	1 125V IWP 00-037-07 EM REV0-1	1	1	1	1	125V	D72-21-08	0	
15APR04 00:00										
0	EM0306117B	IWP-037-07 EM PMT FOR MOBS 1MOB-020 / 030/ 051	2	2	1	0	125V	D72-21-08	0	DR-N ML-N ORT3-N R-L
0	OPS-037-07	IWP-037-07 OPS PMT & ALIGNMENT POST MOD	2	2	1	0	125V	D72-21-08	0	DR-N ML-N ORT3-N R-L
1	NG-SGA-ESL	S/G A - SETUP AND PERFORM FOSAR	15	15	1	1	MS	HX-001A	3	DR-Y ML-Y ORT3-Y R-L
1	RHX99Z	1 125V IWP 00-037 A/B TRAIN INTERFERANCE	0	0	1	1	RH	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	T-6935-H	1 125V IWP 00-037-05 EM REV0-1	1	1	1	1	125V	D72-16-11	0	
0	EM0306111B	IWP-037-05 SUPPLY T-PWR TO AIR SYSTEMS ANN	6	6	1	0	125V	D72-16-11	0	DR-N ML-N ORT3-N R-L
0	EM0306111A	IWP-037-05 REPL MOBS 1MOB-130 - 145	16	16	1	0	125V	D72-16-11	0	DR-N ML-N ORT3-N R-L
1	TG0302136	P-037A - INSPECT MAIN LUBE OIL PUMP	7	7	P	1	LO	P-037A	4	DR-Y ML-Y ORT3-Y R-L
1	MM0214052A	HX-1A, CLOSE SG HANDHOLES	10	10	1	1	MS	HX-001A	3	DR-N ML-N ORT3-N R-M
1	TG0302149	MECHANICAL OVERSPEED DEVICE INSPECTION	15	15	P	1	TU	TG-01	4	DR-Y ML-Y ORT3-Y R-L



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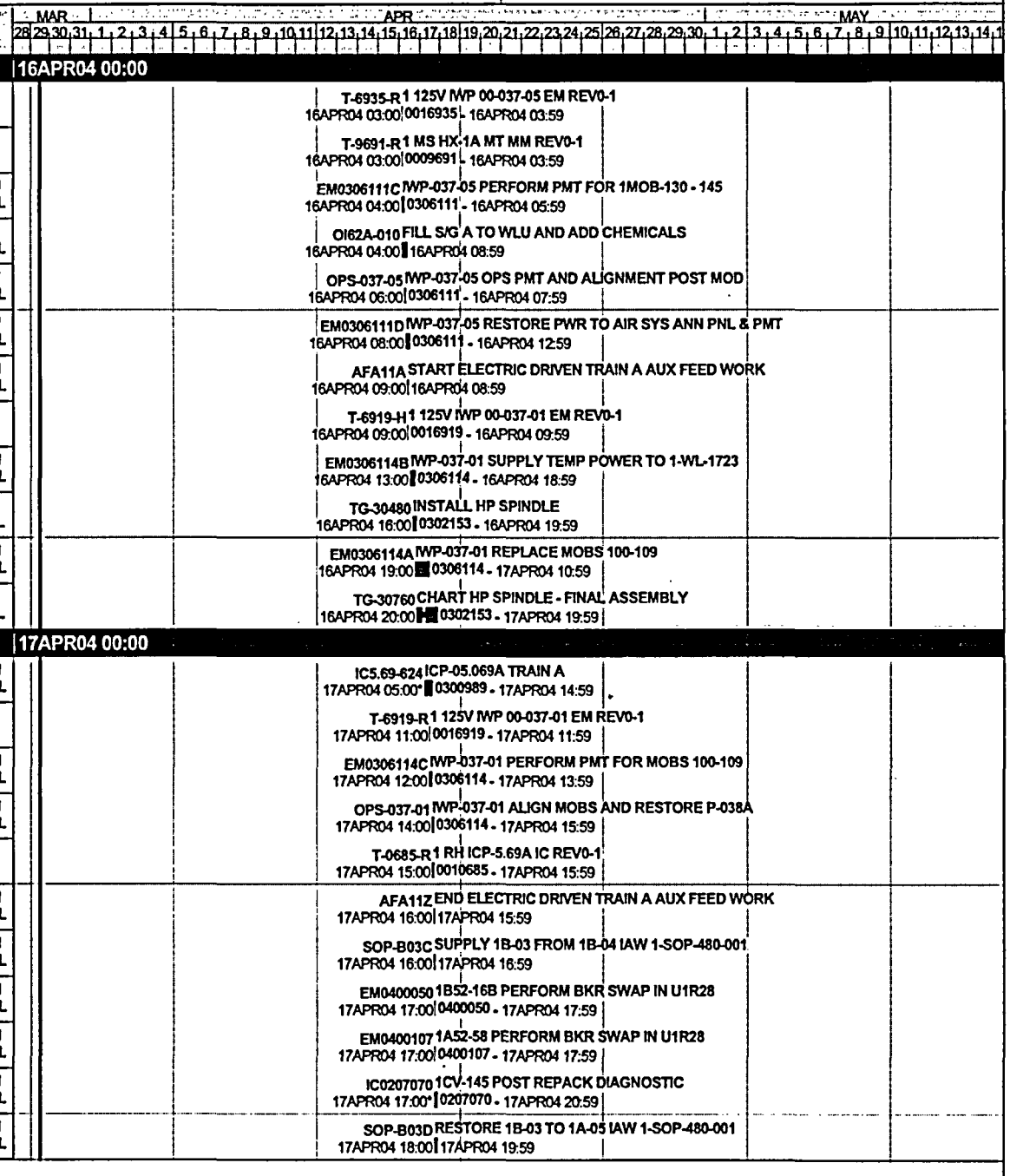
Defined Critical Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EQID	TF	RISK
16APR04 00:00										
1	T-6935-R	1 125V IWP 00-037-05 EM REV0-1	1	1	1	1	125V	D72-16-11	0	
1	T-9691-R	1 MS HX-1A MT MM REV0-1	1	1	1	1	MS	HX-001A	3	
0	EM0306111C	IWP-037-05 PERFORM PMT FOR 1MOB-130 - 145	2	2	1	0	125V	D72-16-11	0	DR-N ML-N ORT3-N R-L
1	OI62A-010	FILL S/G A TO WLU AND ADD CHEMICALS	5	5	1	1	SG	HX-001A	3	DR-N ML-N ORT3-N R-L
0	OPS-037-05	IWP-037-05 OPS PMT AND ALIGNMENT POST MOD	2	2	1	0	125V	D72-16-11	0	DR-N ML-N ORT3-N R-L
0	EM0306111D	IWP-037-05 RESTORE PWR TO AIR SYS ANN PNL & PMT	5	5	1	0	125V	D72-16-11	0	DR-N ML-N ORT3-N R-L
1	AFA11A	START ELECTRIC DRIVEN TRAIN A AUX FEED WORK	0	0	1	1	AF	MILESTONE	3	DR-N ML-N ORT3-N R-L
1	T-6919-H	1 125V IWP 00-037-01 EM REV0-1	1	1	1	1	125V	D72-17-03	3	
0	EM0306114B	IWP-037-01 SUPPLY TEMP POWER TO 1-WL-1723	6	6	1	0	125V	D72-17-03	0	DR-N ML-N ORT3-N R-L
1	TG-30480	INSTALL HP SPINDLE	4	4	P	1	TU	TG-01-T	4	DR-Y ML-Y ORT3-Y R-L
0	EM0306114A	IWP-037-01 REPLACE MOBS 100-109	16	16	1	0	125V	D72-17-03	0	DR-N ML-N ORT3-N R-L
1	TG-30760	CHART HP SPINDLE - FINAL ASSEMBLY	20	20	P	1	TU	TG-01-T	4	DR-Y ML-Y ORT3-Y R-L
17APR04 00:00										
1	IC5.69-624	ICP-05.069A TRAIN A	10	10	1	1	RH	1ICP-05.06	4	DR-N ML-N ORT3-N R-L
1	T-6919-R	1 125V IWP 00-037-01 EM REV0-1	1	1	1	1	125V	D72-17-03	0	
0	EM0306114C	IWP-037-01 PERFORM PMT FOR MOBS 100-109	2	2	1	0	125V	D72-17-03	0	DR-N ML-N ORT3-N R-L
0	OPS-037-01	IWP-037-01 ALIGN MOBS AND RESTORE P-038A	2	2	1	0	125V	D72-17-03	0	DR-N ML-N ORT3-N R-L
1	T-0685-R	1 RH ICP-5.69A IC REV0-1	1	1	1	1	RH	ICP-5.69A	4	
1	AFA11Z	END ELECTRIC DRIVEN TRAIN A AUX FEED WORK	0	0	1	1	AF	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	SOP-B03C	SUPPLY 1B-03 FROM 1B-04 IAW 1-SOP-480-001	1	1	1	1	4.16KV	B-03	0	DR-N ML-N ORT3-N R-L
1	EM0400050	1B52-16B PERFORM BKR SWAP IN U1R28	1	1	1	1	480V	B52-16B	0	DR-N ML-N ORT3-N R-L
1	EM0400107	1A52-58 PERFORM BKR SWAP IN U1R28	1	1	1	1	4.16KV	A52-58	0	DR-N ML-N ORT3-N R-L
1	IC0207070	1CV-145 POST REPACK DIAGNOSTIC	4	4	1	1	CV	CV-00145	1	DR-N ML-N ORT3-N R-L
1	SOP-B03D	RESTORE 1B-03 TO 1A-05 IAW 1-SOP-480-001	2	2	1	1	4.16KV	B-03	0	DR-N ML-N ORT3-N R-L



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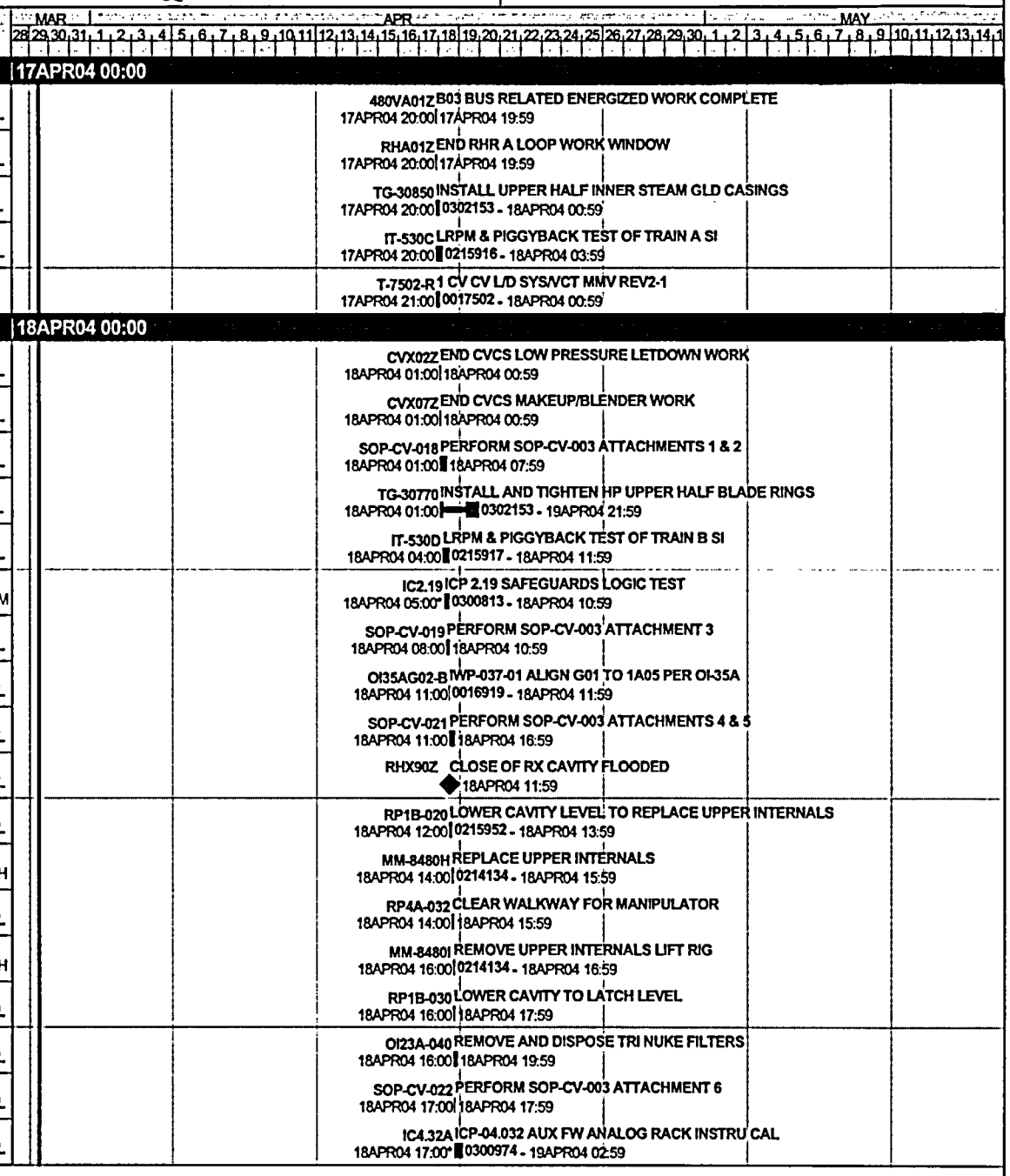
Defined Critical Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EOID	TF	RSK
17APR04 00:00										
1	480VA01Z	B03 BUS RELATED ENERGIZED WORK	0	0	1	1	480V	B-03	0	DR-N ML-N ORT3-N R-L
1	RHA01Z	END RHR A LOOP WORK WINDOW	0	0	1	1	RH	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	TG-30850	INSTALL UPPER HALF INNER STEAM GLD	5	5	P	1	TU	TG-01-T	4	DR-Y ML-Y ORT3-Y R-L
1	IT-530C	LRPM & PIGGYBACK TEST OF TRAIN A SI	8	8	1	1	RH	O-IT-0530C	0	DR-N ML-N ORT3-N R-L
1	T-7502-R	1 CV CV L/D SYS/VCT MMV REV2-1	4	4	1	1	CV	CV L/D	1	
18APR04 00:00										
1	CVX02Z	END CVCS LOW PRESSURE LETDOWN WORK	0	0	1	1	CV	MILESTONE	1	DR-N ML-N ORT3-N R-L
2	CVX07Z	END CVCS MAKEUP/BLENDER WORK	0	0	1	2	CV	MILESTONE	1	DR-N ML-N ORT3-N R-L
1	SOP-CV-018	PERFORM SOP-CV-003 ATTACHMENTS 1 & 2	7	7	1	1	MMS		1	DR-N ML-N ORT3-N R-L
1	TG-30770	INSTALL AND TIGHTEN HP UPPER HALF BLADE RINGS	17	17	P	1	TU	TG-01-T	4	DR-Y ML-Y ORT3-Y R-L
1	IT-530D	LRPM & PIGGYBACK TEST OF TRAIN B SI	8	8	1	1	RH	O-IT-0530D	0	DR-N ML-N ORT3-N R-L
1	IC2.19	ICP 2.19 SAFEGUARDS LOGIC TEST	6	6	B	1	ESF	ICP-02.019	0	DR-N ML-N ORT3-N R-M
1	SOP-CV-019	PERFORM SOP-CV-003 ATTACHMENT 3	3	3	1	1	MMS		1	DR-N ML-N ORT3-N R-L
1	OI35AG02-B	IWP-037-01 ALIGN G01 TO 1A05 PER OI-35A	1	1	1	1	4.16KV	G-01	0	DR-N ML-N ORT3-N R-L
1	SOP-CV-021	PERFORM SOP-CV-003 ATTACHMENTS 4 & 5	6	6	1	1	MMS		1	DR-N ML-N ORT3-N R-L
1	RHX90Z	CLOSE OF RX CAVITY FLOODED	0	0	1	1	RH	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	RP1B-020	LOWER CAVITY LEVEL TO REPLACE UPPER	2	2	1	1	MMS	O-RP-001B	0	DR-N ML-N ORT3-N R-L
1	MM-8480H	REPLACE UPPER INTERNALS	2	2	1	1	RC	R-1	0	DR-N ML-N ORT3-N R-H
1	RP4A-032	CLEAR WALKWAY FOR MANIPULATOR	2	2	1	1	CONT	O-RP-004A	2	DR-N ML-N ORT3-N R-L
1	MM-8480I	REMOVE UPPER INTERNALS LIFT RIG	1	1	1	1	RC	R-1	1	DR-N ML-N ORT3-N R-H
1	RP1B-030	LOWER CAVITY TO LATCH LEVEL	2	2	1	1	RC	O-RP-001B	0	DR-N ML-N ORT3-N R-L
1	OI23A-040	REMOVE AND DISPOSE TRI NUKE FILTERS	4	4	1	1	FH	OI-23A	2	DR-N ML-N ORT3-N R-L
1	SOP-CV-022	PERFORM SOP-CV-003 ATTACHMENT 6	1	1	1	1	MMS	CL-05A	1	DR-N ML-N ORT3-N R-L
1	IC4.32A	ICP-04.032 AUX FW ANALOG RACK INSTRU CAL	10	10	J	1	AF	1ICP-04.03	2	DR-N ML-Y ORT3-N R-L



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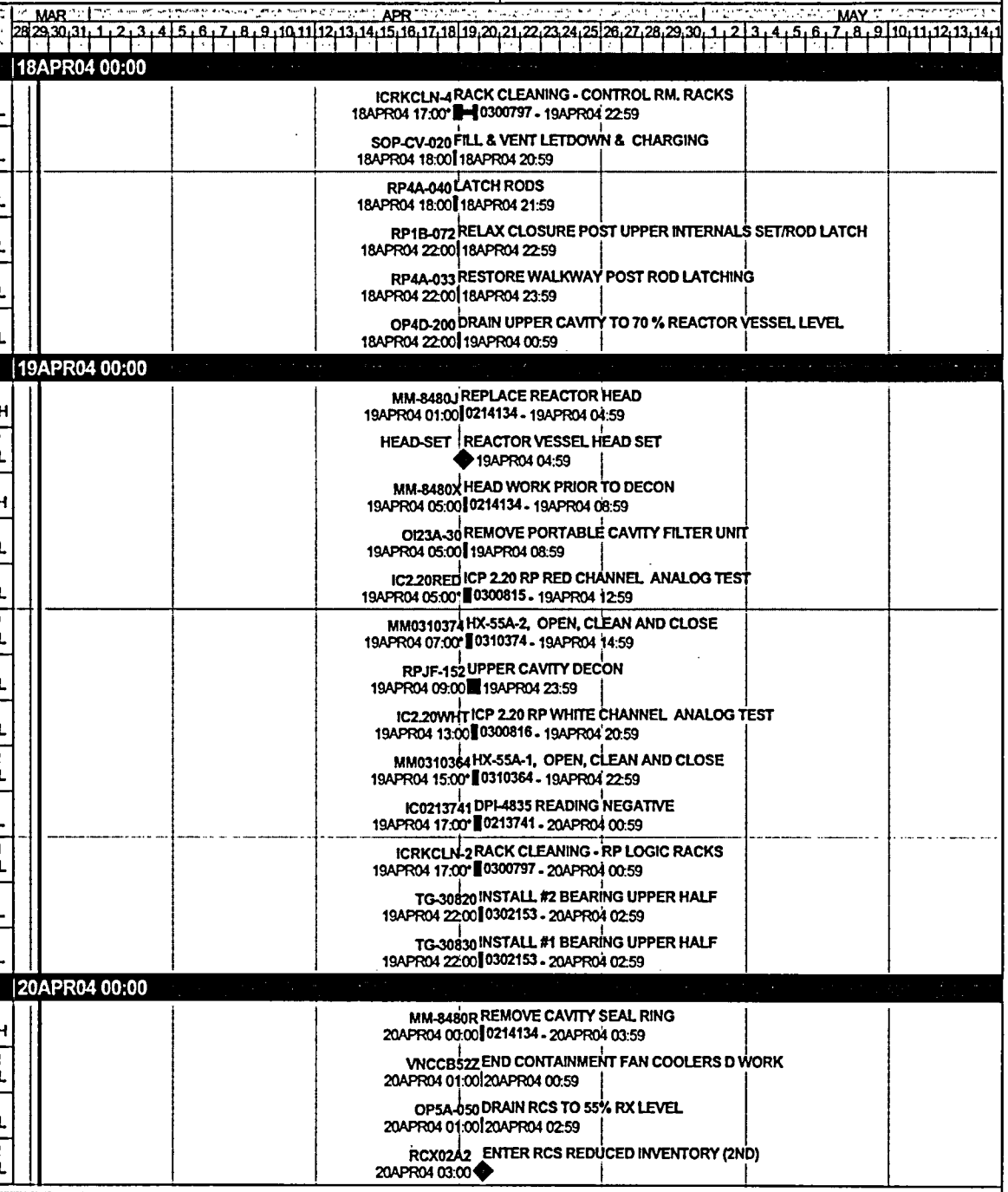
Defined Critical Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EQID	TF	RISK
18APR04 00:00										
1	ICRKCLN-4	RACK CLEANING - CONTROL RM. RACKS	18	18	G	1	MMS	I&C MISC	2	DR-N ML-N ORT3-N R-L
1	SOP-CV-020	FILL & VENT LETDOWN & CHARGING	3	3	1	1	CV	SOP-CV-003	1	DR-N ML-N ORT3-N R-L
1	RP4A-040	LATCH RODS	4	4	1	1	RC	O-RP-004A	0	DR-N ML-N ORT3-N R-L
1	RP1B-072	RELAX CLOSURE POST UPPER INTERNALS	1	1	1	1	FH	O-RP-001B	2	DR-N ML-N ORT3-N R-L
1	RP4A-033	RESTORE WALKWAY POST ROD LATCHING	2	2	1	1	CONT	O-RP-004A	1	DR-Y ML-Y ORT3-N R-L
1	OP4D-200	DRAIN UPPER CAVITY TO 70 % REACTOR VESSEL	3	3	1	1	FH	O-RP-001B	0	DR-Y ML-N ORT3-N R-L
19APR04 00:00										
1	MM-8480J	REPLACE REACTOR HEAD	4	4	1	1	RC	R-1	0	DR-Y ML-N ORT3-N R-H
1	HEAD-SET	REACTOR VESSEL HEAD SET	0	0	1	1	XX	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	MM-8480X	HEAD WORK PRIOR TO DECON	4	4	1	1	RC	R-1	0	DR-Y ML-Y ORT3-Y R-H
1	OI23A-30	REMOVE PORTABLE CAVITY FILTER UNIT	4	4	1	1	FH	OI-23A	0	DR-Y ML-Y ORT3-N R-L
1	IC2.20RED	ICP 2.20 RP RED CHANNEL ANALOG TEST	8	8	1	1	MMS	ICP-02.020	4	DR-N ML-Y ORT3-N R-L
0	MM0310374	HX-55A-2, OPEN, CLEAN AND CLOSE	8	8	1	0	DG	HX-055A-2	3	DR-N ML-N ORT3-N R-L
1	RPJF-152	UPPER CAVITY DECON	15	15	1	1	CONT	JOB FILE 1	0	DR-Y ML-Y ORT3-N R-L
1	IC2.20WHT	ICP 2.20 RP WHITE CHANNEL ANALOG TEST	8	8	1	1	MMS	ICP-02.020	4	DR-N ML-Y ORT3-N R-L
0	MM0310364	HX-55A-1, OPEN, CLEAN AND CLOSE	8	8	1	0	DG	HX-055A-1	3	DR-N ML-N ORT3-N R-L
1	IC0213741	DPI-4835 READING NEGATIVE	8	8	6	1	VNCC	DPI-04835	3	DR-Y ML-Y ORT3-Y R-L
1	ICRKCLN-2	RACK CLEANING - RP LOGIC RACKS	8	8	6	1	MMS	I&C MISC	0	DR-N ML-N ORT3-N R-L
1	TG-30820	INSTALL #2 BEARING UPPER HALF	5	5	P	1	TU	TG-01-T	4	DR-Y ML-Y ORT3-Y R-L
1	TG-30830	INSTALL #1 BEARING UPPER HALF	5	5	P	1	TU	TG-01-T	4	DR-Y ML-Y ORT3-Y R-L
20APR04 00:00										
1	MM-8480R	REMOVE CAVITY SEAL RING	4	4	1	1	RC	R-1	0	DR-Y ML-Y ORT3-Y R-H
1	VNCCB52Z	END CONTAINMENT FAN COOLERS D WORK	0	0	1	1	VNCC	MILESTONE	3	DR-N ML-N ORT3-N R-L
1	OP5A-050	DRAIN RCS TO 55% RX LEVEL	2	2	1	1	RC	OP-5A	0	DR-Y ML-N ORT3-N R-L
1	RCX02A2	ENTER RCS REDUCED INVENTORY (2ND)	0	0	1	1	XX	MILESTONE	0	DR-N ML-N ORT3-N R-L



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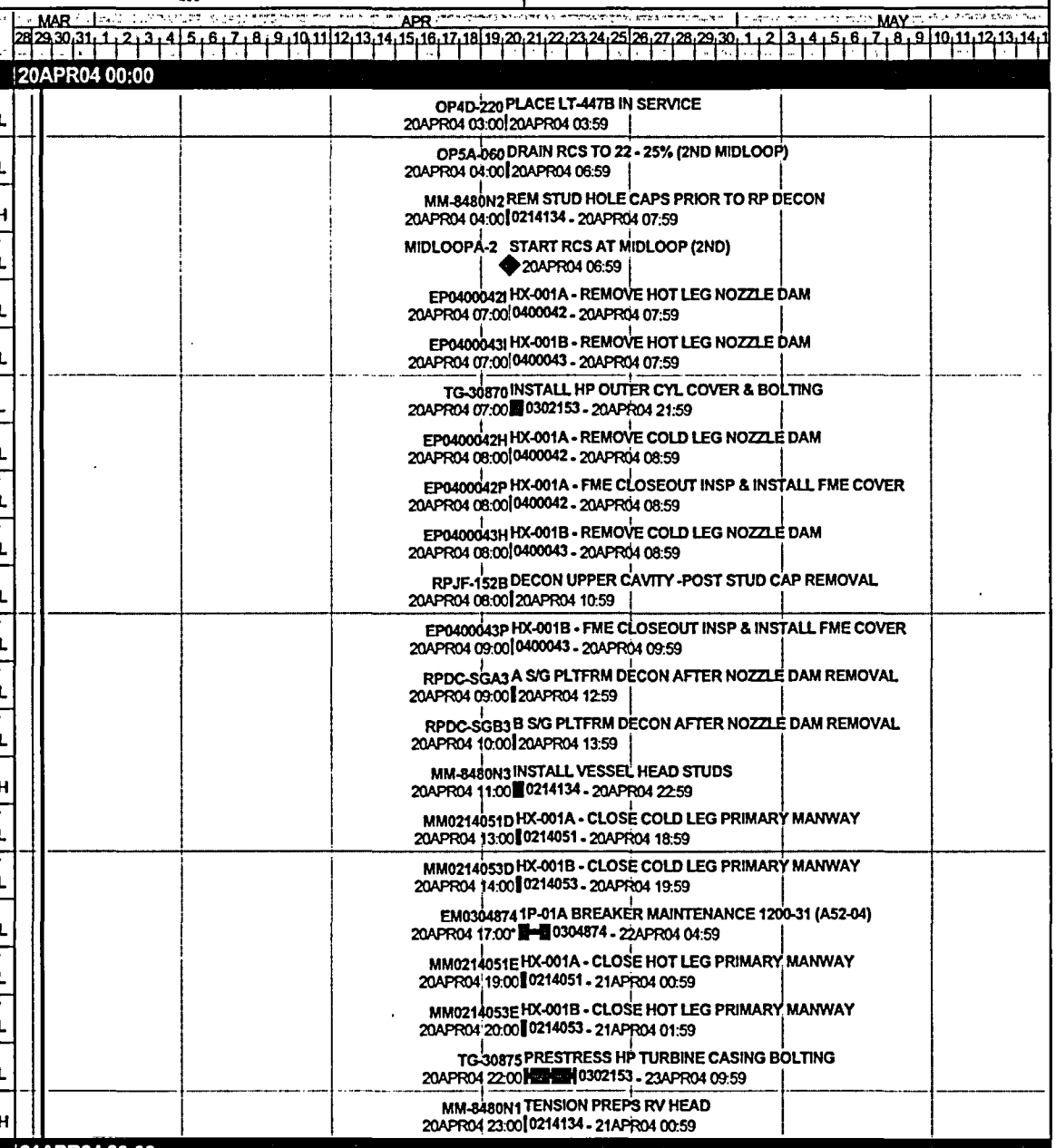
Defined Critical Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EQID	TF	RISK
20APR04 00:00										
1	OP4D-220	PLACE LT-447B IN SERVICE	1	1	1	1	RC	OP-4D	0	DR-Y ML-N ORT3-N R-L
1	OP5A-060	DRAIN RCS TO 22 - 25% (2ND MIDLOOP)	3	3	1	1	RC	OP-5A	0	DR-Y ML-N ORT3-N R-L
1	MM-8480N2	REM STUD HOLE CAPS PRIOR TO RP DECON	4	4	1	1	RC	R-1	0	DR-Y ML-Y ORT3-Y R-H
1	MIDLOOPA-2	START RCS AT MIDLOOP (2ND)	0	0	1	1	XX	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	EP0400042I	HX-001A - REMOVE HOT LEG NOZZLE DAM	1	1	1	1	MS	HX-001A	0	DR-N ML-Y ORT3-N R-L
1	EP0400043I	HX-001B - REMOVE HOT LEG NOZZLE DAM	1	1	1	1	MS	HX-001B	1	DR-N ML-Y ORT3-N R-L
1	TG-30870	INSTALL HP OUTER CYL COVER & BOLTING	15	15	P	1	TU	TG-01-T	4	DR-Y ML-Y ORT3-Y R-L
1	EP0400042H	HX-001A - REMOVE COLD LEG NOZZLE DAM	1	1	1	1	MS	HX-001A	0	DR-N ML-Y ORT3-N R-L
1	EP0400042P	HX-001A - FME CLOSEOUT INSP & INSTALL FME	1	1	1	1	MS	HX-001A	0	DR-N ML-Y ORT3-N R-L
1	EP0400043H	HX-001B - REMOVE COLD LEG NOZZLE DAM	1	1	1	1	MS	HX-001B	1	DR-N ML-Y ORT3-N R-L
2	RPJF-152B	DECON UPPER CAVITY -POST STUD CAP REMOVAL	3	3	1	2	CONT	JOB FILE 1	0	DR-Y ML-Y ORT3-N R-L
1	EP0400043P	HX-001B - FME CLOSEOUT INSP & INSTALL FME	1	1	1	1	MS	HX-001B	0	DR-N ML-Y ORT3-N R-L
1	RPDC-SGA3	A S/G PLTFRM DECON AFTER NOZZLE DAM	4	4	1	1	MS	HX-001A	1	DR-N ML-Y ORT3-N R-L
1	RPDC-SGB3	B S/G PLTFRM DECON AFTER NOZZLE DAM	4	4	1	1	MS	HX-001A	0	DR-N ML-Y ORT3-N R-L
1	MM-8480N3	INSTALL VESSEL HEAD STUDS	12	12	1	1	RC	R-1	0	DR-Y ML-Y ORT3-Y R-H
1	MM0214051D	HX-001A - CLOSE COLD LEG PRIMARY MANWAY	6	6	1	1	MS	HX-001A	1	DR-N ML-Y ORT3-Y R-L
1	MM0214053D	HX-001B - CLOSE COLD LEG PRIMARY MANWAY	6	6	1	1	MS	HX-001B	0	DR-N ML-Y ORT3-Y R-L
0	EM0304874	1P-01A BREAKER MAINTENANCE 1200-31	24	24	6	0	4.16KV	A52-DHVR-1	4	DR-Y ML-Y ORT3-N R-L
1	MM0214051E	HX-001A - CLOSE HOT LEG PRIMARY MANWAY	6	6	1	1	MS	HX-001A	1	DR-N ML-Y ORT3-Y R-L
1	MM0214053E	HX-001B - CLOSE HOT LEG PRIMARY MANWAY	6	6	1	1	MS	HX-001B	0	DR-N ML-Y ORT3-Y R-L
1	TG-30875	PRESTRESS HP TURBINE CASING BOLTING	48	48	P	1	TU	TG-01-T	4	DR-Y ML-Y ORT3-Y R-L
1	MM-8480N1	TENSION PREPS RV HEAD	2	2	1	1	RC	R-1	0	DR-Y ML-Y ORT3-Y R-H
21APR04 00:00										
1	MM-8480N	TENSION RV HEAD	4	4	1	1	RC	R-1	0	DR-Y ML-Y ORT3-Y R-H



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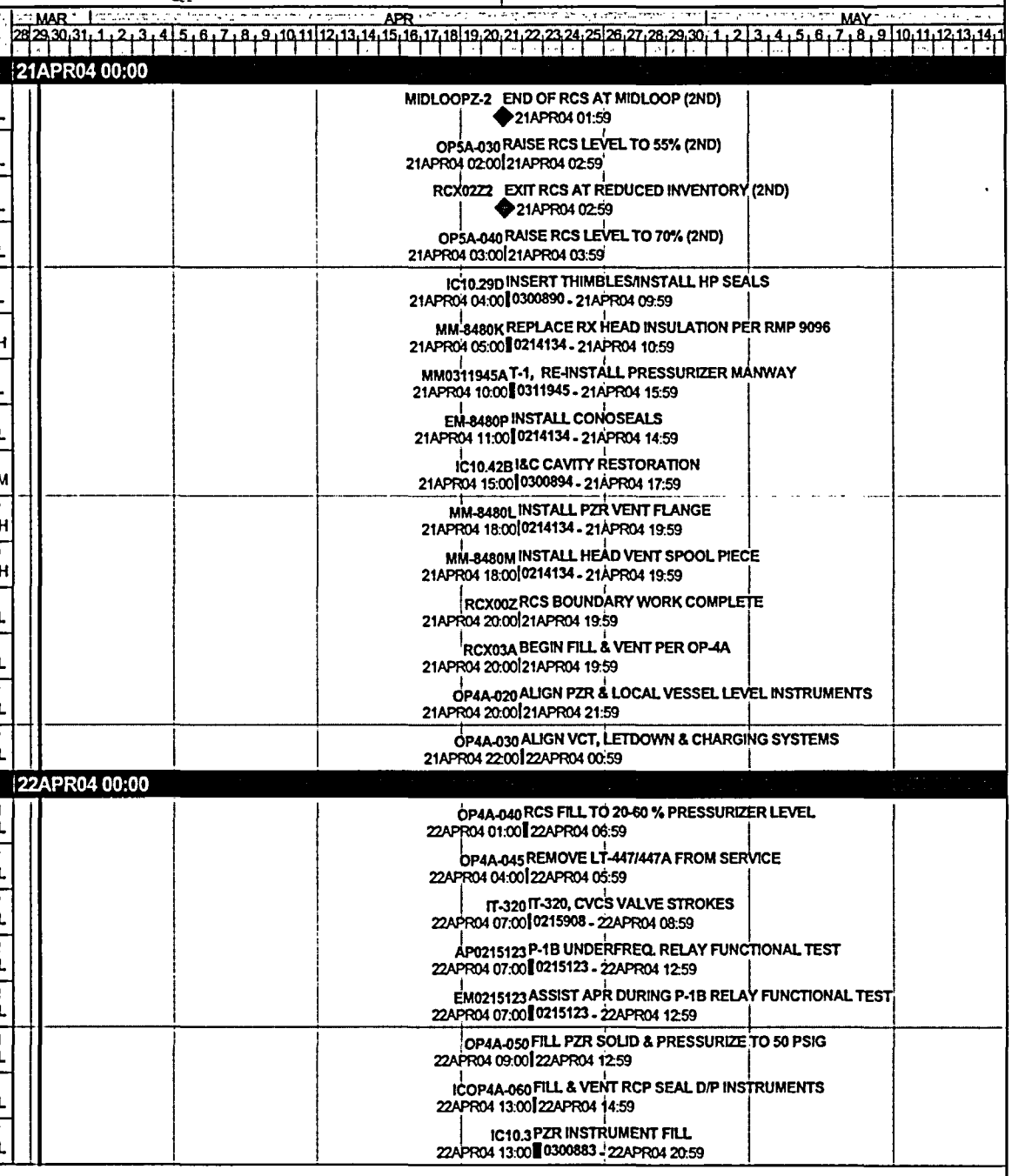
Defined Critical Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EQID	TF	RISK
21APR04 00:00										
1	MIDLOOPZ-2	END OF RCS AT MIDLOOP (2ND)	0	0	1	1	XX	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	OP5A-030	RAISE RCS LEVEL TO 55% (2ND)	1	1	1	1	CV	OP-5A	0	DR-N ML-Y ORT3-N R-L
1	RCX02Z2	EXIT RCS AT REDUCED INVENTORY (2ND)	0	0	1	1	XX	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	OP5A-040	RAISE RCS LEVEL TO 70% (2ND)	1	1	1	1	CV	OP-5A	4	DR-N ML-N ORT3-N R-L
1	IC10.29D	INSERT THIMBLES/INSTALL HP SEALS	6	6	1	1	FM	ICP-10.029	4	DR-N ML-N ORT3-Y R-L
1	MM-8480K	REPLACE RX HEAD INSULATION PER RMP 9096	6	6	1	1	RC	R-1	0	DR-Y ML-Y ORT3-Y R-H
1	MM0311945A	T-1, RE-INSTALL PRESSURIZER MANWAY	6	6	1	1	RC	T-001	4	DR-N ML-Y ORT3-Y R-L
1	EM-8480P	INSTALL CONOSEALS	4	4	1	1	RC	R-1	0	DR-N ML-N ORT3-N R-L
1	IC10.42B	I&C CAVITY RESTORATION	3	3	1	1	XX	ICP-10.042	0	DR-Y ML-Y ORT3-Y R-M
1	MM-8480L	INSTALL PZR VENT FLANGE	2	2	1	1	RC	R-1	0	DR-N ML-N ORT3-N R-H
1	MM-8480M	INSTALL HEAD VENT SPOOL PIECE	2	2	1	1	RC	R-1	0	DR-N ML-N ORT3-N R-H
1	RCX00Z	RCS BOUNDARY WORK COMPLETE	0	0	1	1	RC	CONDITION	0	DR-N ML-N ORT3-N R-L
1	RCX03A	BEGIN FILL & VENT PER OP-4A	0	0	1	1	RC	CONDITION	0	DR-N ML-N ORT3-N R-L
1	OP4A-020	ALIGN PZR & LOCAL VESSEL LEVEL	2	2	1	1	CV	OP-4A	0	DR-N ML-N ORT3-N R-L
1	OP4A-030	ALIGN VCT, LETDOWN & CHARGING SYSTEMS	3	3	1	1	CV	OP-4A	0	DR-N ML-N ORT3-N R-L
22APR04 00:00										
1	OP4A-040	RCS FILL TO 20-60 % PRESSURIZER LEVEL	6	6	1	1	RC	OP-4A	0	DR-N ML-N ORT3-N R-L
1	OP4A-045	REMOVE LT-447/447A FROM SERVICE	2	2	1	1	RC	OP-4A	3	DR-N ML-N ORT3-N R-L
1	IT-320	IT-320, CVCS VALVE STROKES	2	2	1	1	CV	O-IT-0320	0	DR-N ML-N ORT3-N R-L
1	AP0215123	P-1B UNDERFREQ. RELAY FUNCTIONAL TEST	6	6	8	1	4.16KV	A52-14	4	DR-N ML-N ORT3-N R-L
1	EM0215123	ASSIST APR DURING P-1B RELAY FUNCTIONAL TEST	6	6	8	1	4.16KV	A52-14	4	DR-N ML-N ORT3-N R-L
1	OP4A-050	FILL PZR SOLID & PRESSURIZE TO 50 PSIG	4	4	1	1	RC	OP-4A	0	DR-N ML-N ORT3-N R-L
1	ICOP4A-060	FILL & VENT RCP SEAL D/P INSTRUMENTS	2	2	1	1	RC	OP-4A	0	DR-N ML-N ORT3-N R-L
1	IC10.3	PZR INSTRUMENT FILL	8	8	1	1	RC	ICP-10.003	0	DR-N ML-N ORT3-N R-L



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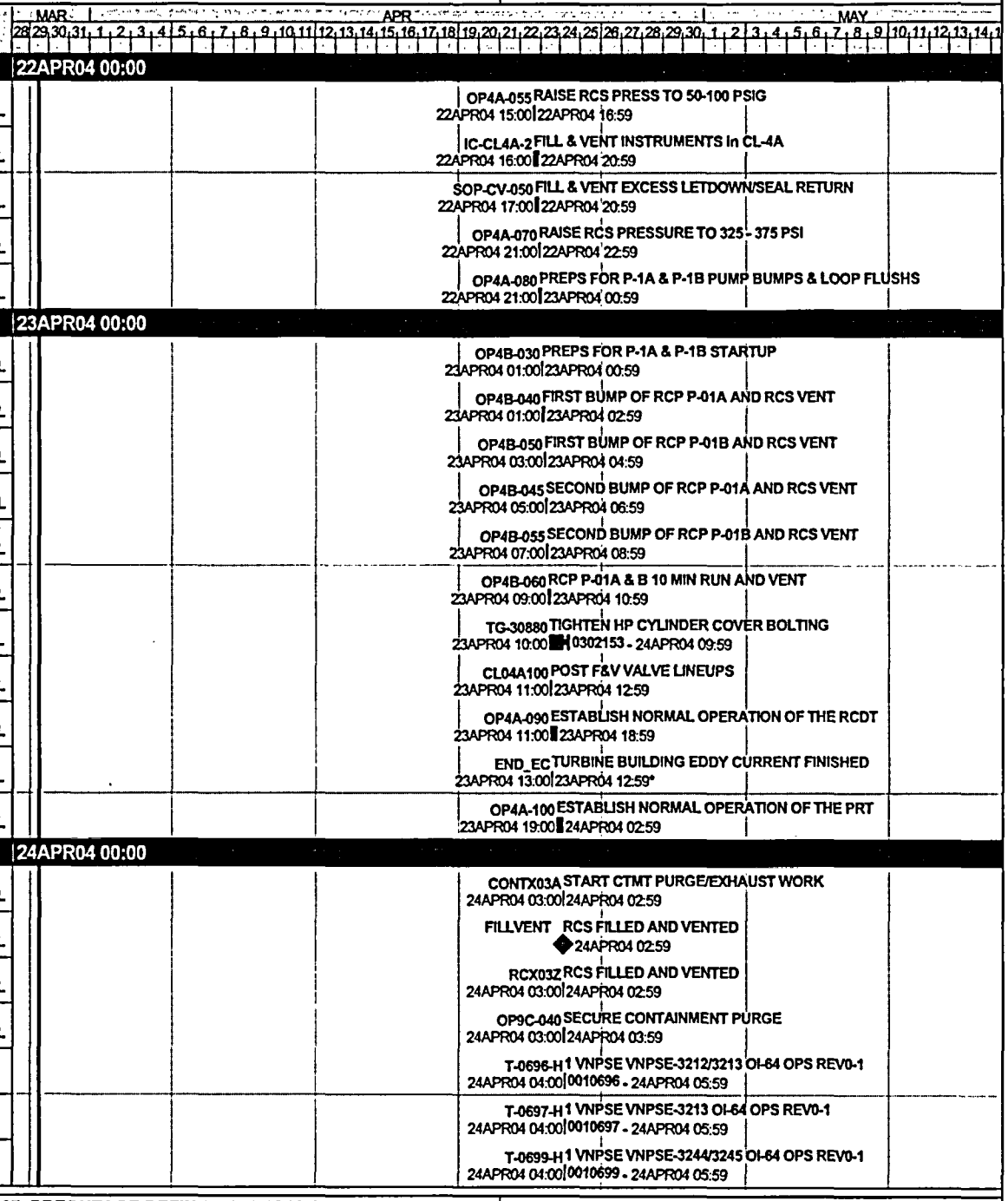
Defined Critical Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EQID	TF	RISK
22APR04 00:00										
1	OP4A-055	RAISE RCS PRESS TO 50-100 PSIG	2	2	1	1	RC	OP-4A	0	DR-N ML-N ORT3-N R-L
1	IC-CL4A-2	FILL & VENT INSTRUMENTS in CL-4A	5	5	1	1	RC	OP-4A	0	DR-N ML-N ORT3-N R-L
1	SOP-CV-050	FILL & VENT EXCESS LETDOWN/SEAL RETURN	4	4	1	1	CV	SOP-CV-050	0	DR-N ML-N ORT3-N R-L
1	OP4A-070	RAISE RCS PRESSURE TO 325 - 375 PSI	2	2	1	1	RC	OP-4A	0	DR-N ML-N ORT3-N R-L
1	OP4A-080	PREPS FOR P-1A & P-1B PUMP BUMPS & LOOP	4	4	1	1	RC	OP-4A	0	DR-N ML-N ORT3-N R-L
23APR04 00:00										
1	OP4B-030	PREPS FOR P-1A & P-1B STARTUP	0	0	1	1	RC	OP-4B	0	DR-N ML-N ORT3-N R-L
1	OP4B-040	FIRST BUMP OF RCP P-01A AND RCS VENT	2	2	1	1	RC	OP-4B	0	DR-N ML-N ORT3-N R-L
1	OP4B-050	FIRST BUMP OF RCP P-01B AND RCS VENT	2	2	1	1	RC	OP-4B	0	DR-N ML-N ORT3-N R-L
1	OP4B-045	SECOND BUMP OF RCP P-01A AND RCS VENT	2	2	1	1	RC	OP-4B	0	DR-N ML-N ORT3-N R-L
1	OP4B-055	SECOND BUMP OF RCP P-01B AND RCS VENT	2	2	1	1	RC	OP-4B	0	DR-N ML-N ORT3-N R-L
1	OP4B-060	RCP P-01A & B 10 MIN RUN AND VENT	2	2	1	1	RC	OP-4B	0	DR-N ML-N ORT3-N R-L
1	TG-30880	TIGHTEN HP CYLINDER COVER BOLTING	20	20	P	1	TU	TG-01-T	4	DR-Y ML-Y ORT3-Y R-L
1	CL04A100	POST F&V VALVE LINEUPS	2	2	1	1	RC	CL-4A	0	DR-N ML-N ORT3-N R-L
1	OP4A-090	ESTABLISH NORMAL OPERATION OF THE RCDT	8	8	1	1	RC	OP-4A	0	DR-N ML-N ORT3-N R-L
1	END_EC	TURBINE BUILDING EDDY CURRENT FINISHED	0	0	1	1	CS	CS	0	DR-Y ML-Y ORT3-Y R-L
1	OP4A-100	ESTABLISH NORMAL OPERATION OF THE PRT	8	8	1	1	RC	OP-4A	0	DR-N ML-N ORT3-N R-L
24APR04 00:00										
1	CONTX03A	START CTMT PURGE/EXHAUST WORK	0	0	1	1	VNPSE	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	FILLVENT	RCS FILLED AND VENTED	0	0	1	1	RC	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	RCX03Z	RCS FILLED AND VENTED	0	0	1	1	RC	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	OP9C-040	SECURE CONTAINMENT PURGE	1	1	1	1	VNPSE	OP-9C	0	DR-N ML-N ORT3-N R-L
1	T-0696-H	1 VNPSE VNPSE-3212/3213 OI-64 OPS REV0-1	2	2	1	1	VNPSE	VNPSE-3212	4	
1	T-0697-H	1 VNPSE VNPSE-3213 OI-64 OPS REV0-1	2	2	1	1	VNPSE	VNPSE-3213	4	
1	T-0699-H	1 VNPSE VNPSE-3244/3245 OI-64 OPS REV0-1	2	2	1	1	VNPSE	VNPSE-3244	0	



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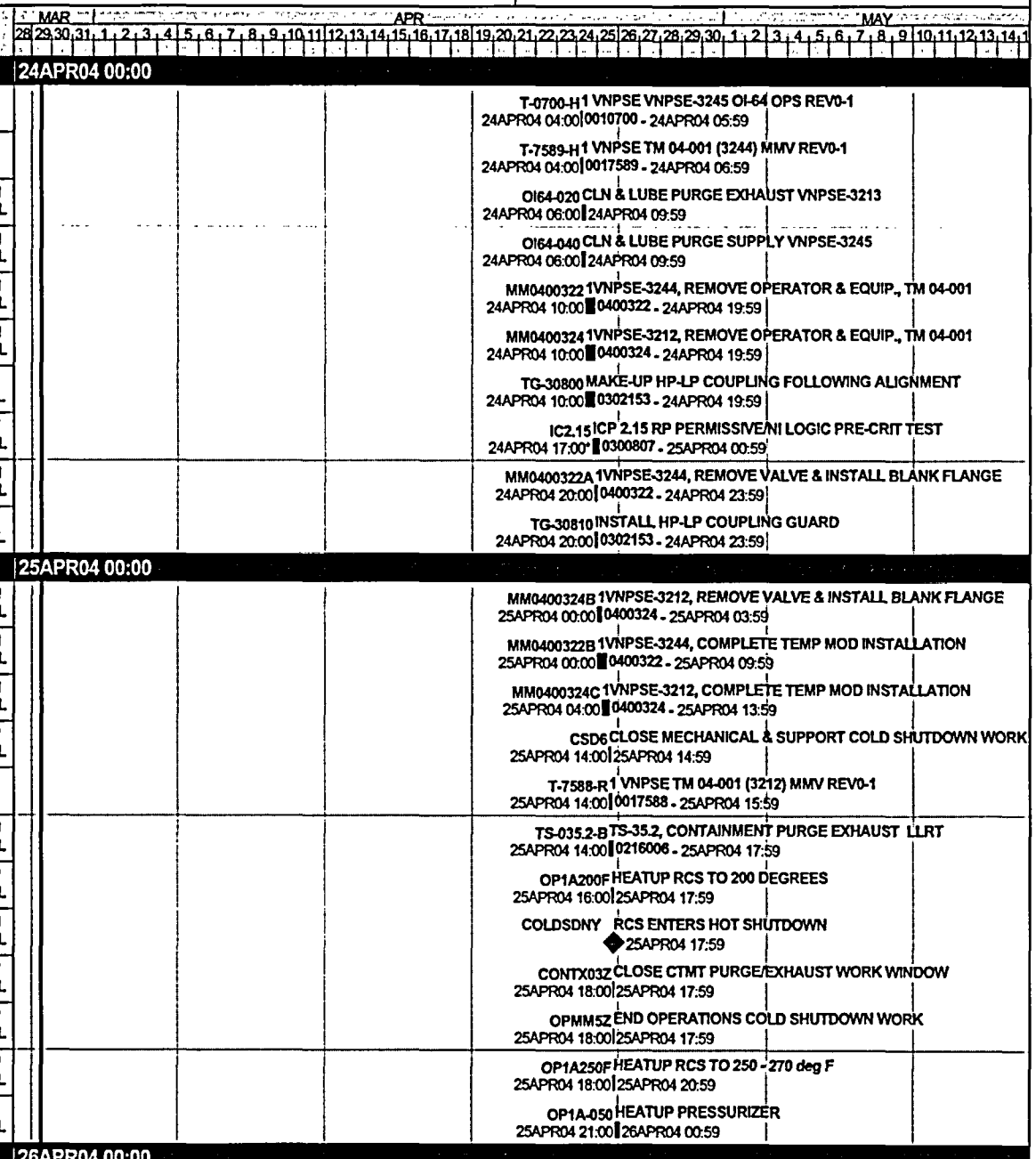
Defined Critical Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EQID	TF	RISK
24APR04 00:00										
1	T-0700-H	1 VNPSE VNPSE-3245 OI-64 OPS REV0-1	2	2	1	1	VNPSE	VNPSE-3245	0	
1	T-7589-H	1 VNPSE TM 04-001 (3244) MMV REV0-1	3	3	1	1	VNPSE	VNPSE-3244	3	
1	OI64-020	CLN & LUBE PURGE EXHAUST VNPSE-3213	4	4	1	1	VNPSE	VNPSE-3213	4	DR-N ML-N ORT3-N R-L
1	OI64-040	CLN & LUBE PURGE SUPPLY VNPSE-3245	4	4	1	1	VNPSE	VNPSE-3245	0	DR-N ML-N ORT3-N R-L
1	MM0400322	1VNPSE-3244, REMOVE OPERATOR & EQUIP., TM	10	10	1	1	VNPSE	VNPSE-0324	0	DR-N ML-N ORT3-N R-L
1	MM0400324	1VNPSE-3212, REMOVE OPERATOR & EQUIP., TM	10	10	1	1	VNPSE	VNPSE-0321	4	DR-N ML-N ORT3-N R-L
1	TG-30800	MAKE-UP HP-LP COUPLING FOLLOWING ALIGNMENT	10	10	P	1	TU	TG-01-T	4	DR-Y ML-Y ORT3-Y R-L
1	IC2.15	ICP 2.15 RP PERMISSIVE/NI LOGIC PRE-CRIT TEST	8	8	6	1	RP	ICP-02.015	4	DR-N ML-Y ORT3-N R-L
1	MM0400322A	1VNPSE-3244, REMOVE VALVE & INSTALL BLANK	4	4	1	1	VNPSE	VNPSE-0324	0	DR-N ML-N ORT3-N R-L
1	TG-30810	INSTALL HP-LP COUPLING GUARD	4	4	P	1	TU	TG-01-T	4	DR-Y ML-Y ORT3-Y R-L
25APR04 00:00										
1	MM0400324B	1VNPSE-3212, REMOVE VALVE & INSTALL BLANK	4	4	1	1	VNPSE	VNPSE-0321	0	DR-N ML-N ORT3-N R-L
1	MM0400322B	1VNPSE-3244, COMPLETE TEMP MOD INSTALLATION	10	10	1	1	VNPSE	VNPSE-0324	4	DR-N ML-N ORT3-N R-L
1	MM0400324C	1VNPSE-3212, COMPLETE TEMP MOD INSTALLATION	10	10	1	1	VNPSE	VNPSE-0321	0	DR-N ML-N ORT3-N R-L
2	CSD6	CLOSE MECHANICAL & SUPPORT COLD	1	1	1	2	XX	MILESTONE	3	DR-N ML-N ORT3-N R-L
1	T-7588-R	1 VNPSE TM 04-001 (3212) MMV REV0-1	2	2	1	1	VNPSE	TM 04-001	2	
1	TS-035.2-B	TS-35.2, CONTAINMENT PURGE EXHAUST LLRT	4	4	1	1	CONT	O-TS-035.2	0	DR-N ML-N ORT3-N R-L
1	OP1A200F	HEATUP RCS TO 200 DEGREES	2	2	1	1	RC	OP-1A	0	DR-N ML-N ORT3-N R-L
1	COLDSDNY	RCS ENTERS HOT SHUTDOWN	0	0	1	1	XX	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	CONTX03Z	CLOSE CTMT PURGE/EXHAUST WORK	0	0	1	1	VNPSE	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	OPMM5Z	END OPERATIONS COLD SHUTDOWN WORK	0	0	1	1	XX	ADMIN MS	0	DR-N ML-N ORT3-N R-L
1	OP1A250F	HEATUP RCS TO 250 - 270 deg F	3	3	1	1	RC	OP-1A	0	DR-N ML-N ORT3-N R-L
1	OP1A-050	HEATUP PRESSURIZER	4	4	1	1	RC	OP-1A	0	DR-N ML-N ORT3-N R-L
26APR04 00:00										
1	OP1A-060	ESTABLISH PZR BUBBLE	1	1	1	1	RC	OP-1A	0	DR-N ML-N ORT3-N R-L



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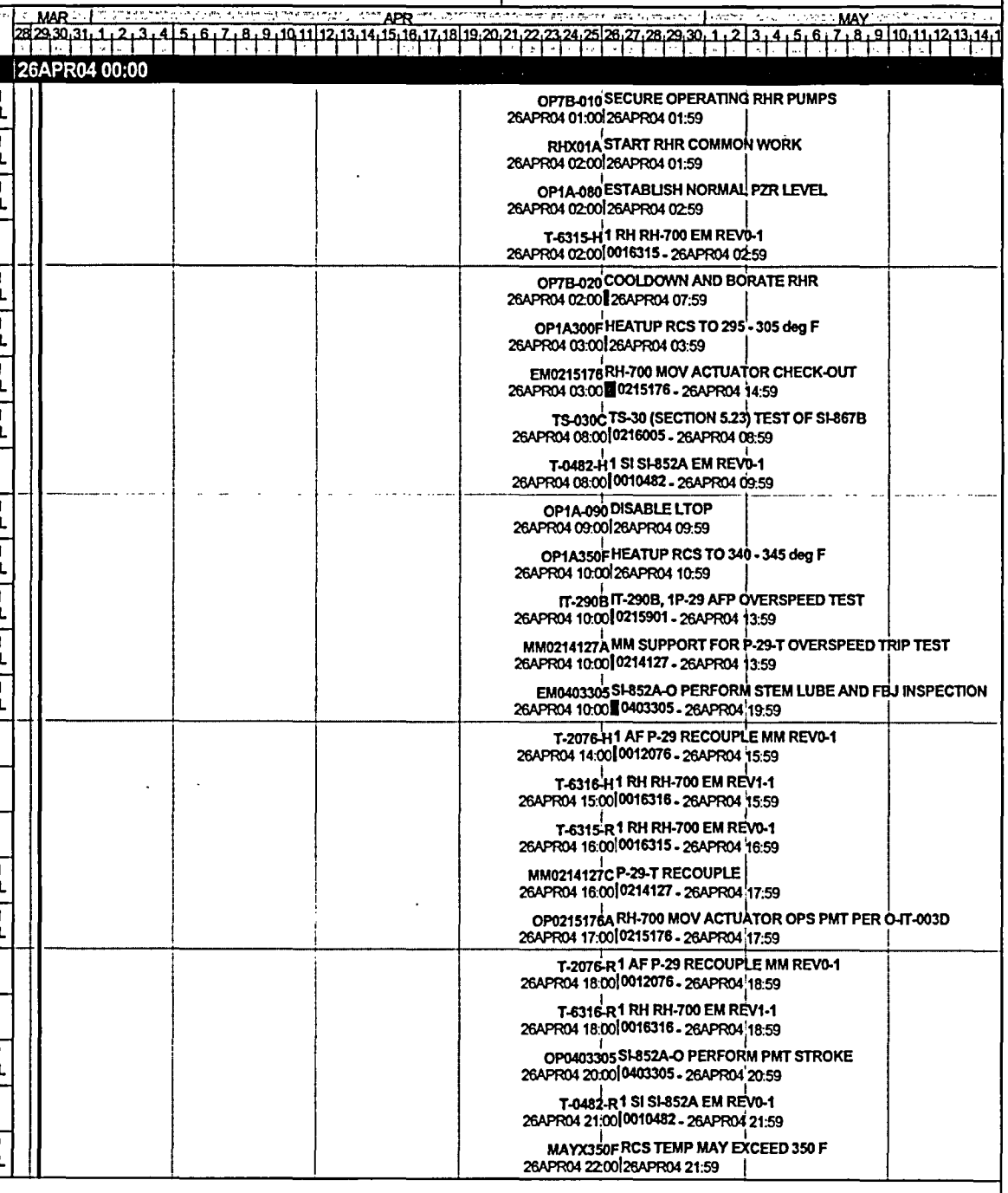
Defined Critical Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EQID	TF	RISK
26APR04 00:00										
1	OP7B-010	SECURE OPERATING RHR PUMPS	1	1	1	1	RH	OP-7B	0	DR-N ML-N ORT3-N R-L
1	RHX01A	START RHR COMMON WORK	0	0	1	1	RH	MILESTONE	3	DR-N ML-N ORT3-N R-L
1	OP1A-080	ESTABLISH NORMAL PZR LEVEL	1	1	1	1	CV	OP-1A	4	DR-N ML-N ORT3-N R-L
1	T-6315-H	1 RH RH-700 EM REV0-1	1	1	1	1	RH	RH-700	3	
1	OP7B-020	COOLDOWN AND BORATE RHR	6	6	1	1	RH	OP-7B	0	DR-N ML-N ORT3-N R-L
1	OP1A300F	HEATUP RCS TO 295 - 305 deg F	1	1	1	1	RC	OP-1A	4	DR-N ML-N ORT3-N R-L
1	EM0215176	RH-700 MOV ACTUATOR CHECK-OUT	12	12	1	1	RH	RH-00700-O	3	DR-N ML-N ORT3-N R-L
1	TS-030C	TS-30 (SECTION 5.23) TEST OF SI-867B	1	1	1	1	SI	O-TS-030	0	DR-N ML-N ORT3-N R-L
1	T-0482-H	1 SI SI-852A EM REV0-1	2	2	1	1	SI	SI-852A	0	
1	OP1A-090	DISABLE LTOP	1	1	1	1	RC	OP-1A	0	DR-N ML-N ORT3-N R-L
1	OP1A350F	HEATUP RCS TO 340 - 345 deg F	1	1	1	1	RC	OP-1A	0	DR-N ML-N ORT3-N R-L
1	IT-290B	IT-290B, 1P-29 AFP OVERSPEED TEST	4	4	1	1	AF	O-IT-0290B	3	DR-N ML-N ORT3-N R-L
1	MM0214127A	MM SUPPORT FOR P-29-T OVERSPEED TRIP TEST	4	4	1	1	AF	P-029	3	DR-N ML-N ORT3-N R-L
1	EM0403305	SI-852A-O PERFORM STEM LUBE AND FBJ INSPECTION	10	10	1	1	SI	SI-00852A-	0	DR-N ML-N ORT3-N R-L
1	T-2076-H	1 AF P-29 RECOUPLE MM REV0-1	2	2	1	1	AF	P-029	3	
1	T-6316-H	1 RH RH-700 EM REV1-1	1	1	1	1	RH	RH-700	3	
1	T-6315-R	1 RH RH-700 EM REV0-1	1	1	1	1	RH	RH-700	3	
1	MM0214127C	P-29-T RECOUPLE	2	2	1	1	AF	P-029	3	DR-N ML-N ORT3-N R-L
1	OP0215176A	RH-700 MOV ACTUATOR OPS PMT PER O-IT-003D	1	1	1	1	RH	RH-00700-O	3	DR-N ML-N ORT3-N R-L
1	T-2076-R	1 AF P-29 RECOUPLE MM REV0-1	1	1	1	1	AF	P-029	3	
1	T-6316-R	1 RH RH-700 EM REV1-1	1	1	1	1	RH	RH-700	3	
1	OP0403305	SI-852A-O PERFORM PMT STROKE	1	1	1	1	SI	SI-00852A-	0	DR-N ML-N ORT3-N R-L
1	T-0482-R	1 SI SI-852A EM REV0-1	1	1	1	1	SI	SI-852A	0	
1	MAYX350F	RCS TEMP MAY EXCEED 350 F	0	0	1	1	XX	ADMIN MS	0	DR-N ML-N ORT3-N R-L



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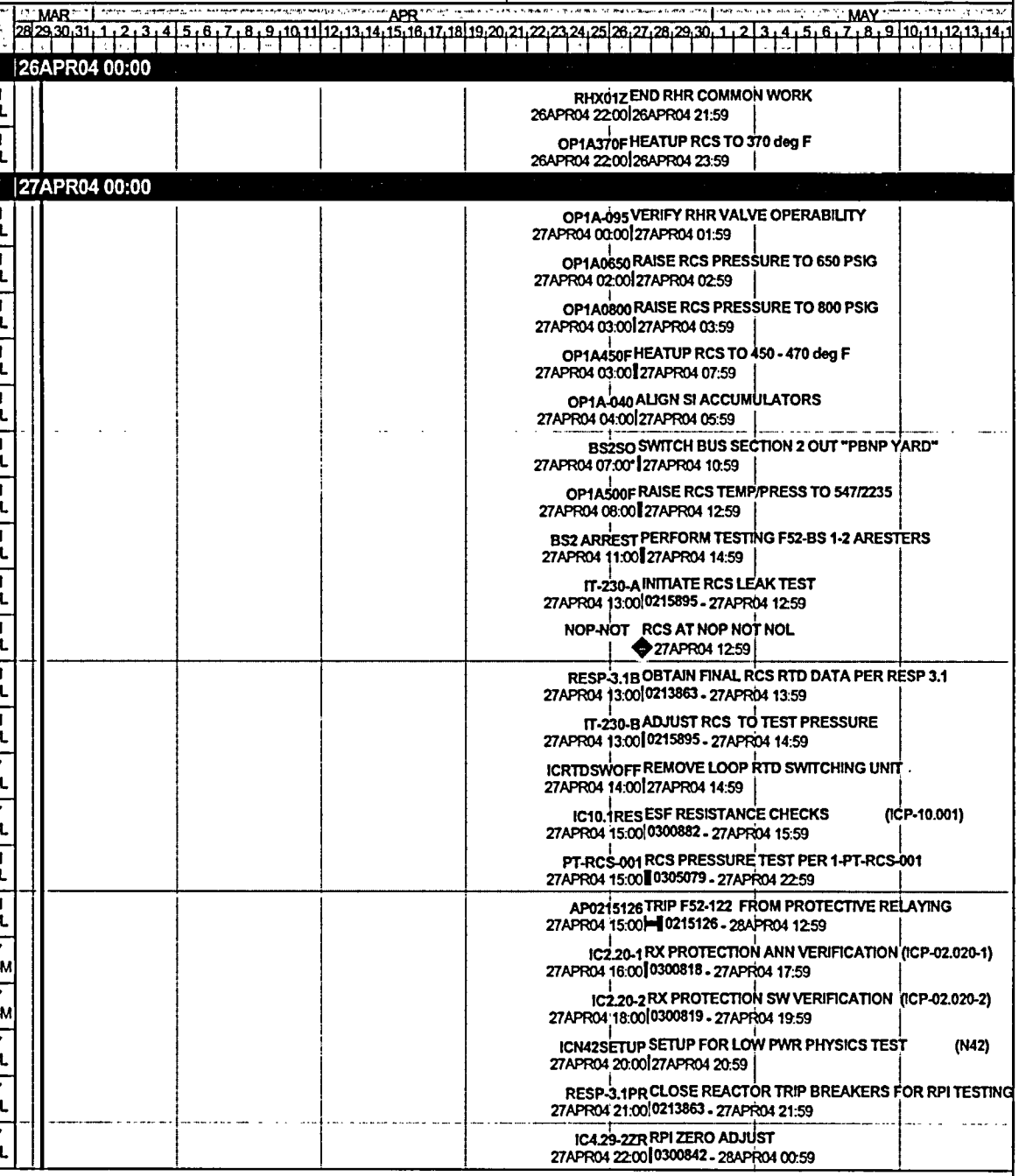
Defined Critical Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EOID	TF	RISK
26APR04 00:00										
1	RHX01Z	END RHR COMMON WORK	0	0	1	1	RH	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	OP1A370F	HEATUP RCS TO 370 deg F	2	2	1	1	RC	OP-1A	0	DR-N ML-N ORT3-N R-L
27APR04 00:00										
1	OP1A-095	VERIFY RHR VALVE OPERABILITY	2	2	1	1	RC	OP-1A ATT.	0	DR-N ML-N ORT3-N R-L
1	OP1A0650	RAISE RCS PRESSURE TO 650 PSIG	1	1	1	1	RC	OP-1A	0	DR-N ML-N ORT3-N R-L
1	OP1A0800	RAISE RCS PRESSURE TO 800 PSIG	1	1	1	1	RC	OP-1A	2	DR-N ML-N ORT3-N R-L
1	OP1A450F	HEATUP RCS TO 450 - 470 deg F	5	5	1	1	RC	OP-1A	0	DR-N ML-N ORT3-N R-L
1	OP1A-040	ALIGN SI ACCUMULATORS	2	2	1	1	SI	OP-1A	2	DR-N ML-N ORT3-N R-L
0	BS2SO	SWITCH BUS SECTION 2 OUT "PBNP YARD"	4	4	1	0	345KV	F52-BS 1-2	4	DR-N ML-N ORT3-N R-L
1	OP1A500F	RAISE RCS TEMP/PRESS TO 547/2235	5	5	1	1	RC	OP-1A	0	DR-N ML-N ORT3-N R-L
0	BS2 ARREST	PERFORM TESTING F52-BS 1-2 ARESTERS	4	4	8	0	345KV	F52-BS 1-2	4	DR-N ML-N ORT3-N R-L
1	IT-230-A	INITIATE RCS LEAK TEST	0	0	1	1	RC	O-IT-0230	0	DR-N ML-N ORT3-N R-L
1	NOP-NOT	RCS AT NOP NOT NOL	0	0	1	1	XX	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	RESP-3.1B	OBTAIN FINAL RCS RTD DATA PER RESP 3.1	1	1	1	1	MMS	RESP 3.1	2	DR-N ML-N ORT3-N R-L
1	IT-230-B	ADJUST RCS TO TEST PRESSURE	2	2	1	1	RC	O-IT-0230	0	DR-N ML-N ORT3-N R-L
1	CRTDSWOFF	REMOVE LOOP RTD SWITCHING UNIT	1	1	1	1	RP	RP	2	DR-N ML-Y ORT3-N R-L
1	IC10.1RES	ESF RESISTANCE CHECKS (ICP-10.001)	1	1	1	1	ESF	ICP-10.001	2	DR-N ML-Y ORT3-N R-L
1	PT-RCS-001	RCS PRESSURE TEST PER 1-PT-RCS-001	8	8	1	1	RC	PT-RCS-1	0	DR-N ML-N ORT3-Y R-L
1	AP0215126	TRIP F52-122 FROM PROTECTIVE RELAYING	8	8	8	1	345KV	F52-122	4	DR-N ML-N ORT3-N R-L
1	IC2.20-1	RX PROTECTION ANN VERIFICATION	2	2	1	1	MMS	ICP-02.020	2	DR-N ML-Y ORT3-N R-M
1	IC2.20-2	RX PROTECTION SW VERIFICATION	2	2	1	1	MMS	ICP-02.020	2	DR-N ML-Y ORT3-N R-M
1	ICN42SETUP	SETUP FOR LOW PWR PHYSICS TEST (N42)	1	1	1	1	NI	N-00042	2	DR-N ML-Y ORT3-N R-L
1	RESP-3.1PR	CLOSE REACTOR TRIP BREAKERS FOR RPI	1	1	1	1	MMS	RESP 3.1	2	DR-N ML-Y ORT3-N R-L
1	IC4.29-2ZR	RPI ZERO ADJUST	3	3	1	1	RPI	ICP-04.029	2	DR-N ML-Y ORT3-N R-L



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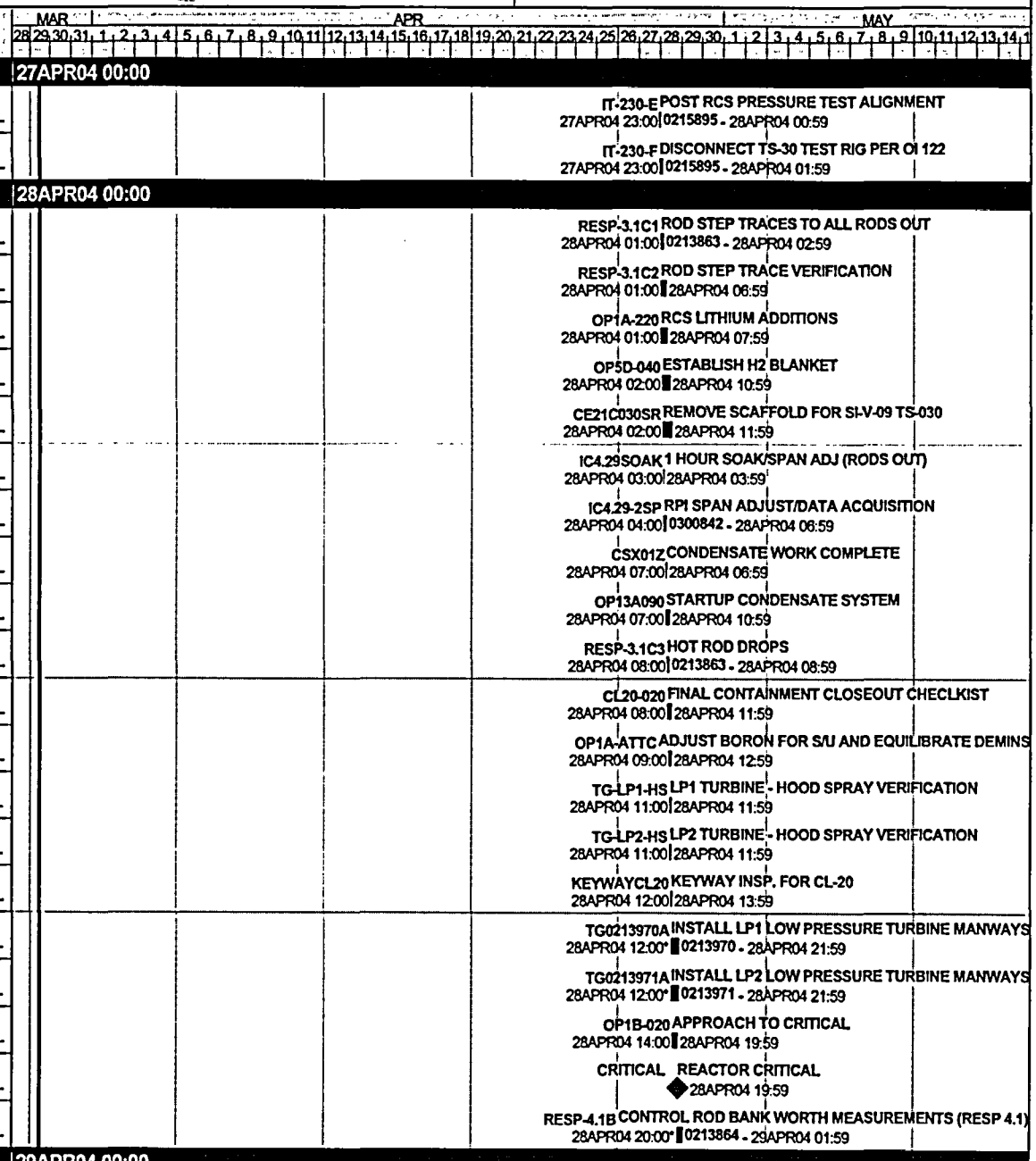
Defined Critical Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EQID	TF	RISK
27APR04 00:00										
1	IT-230-E	POST RCS PRESSURE TEST ALIGNMENT	2	2	1	1	RC	O-IT-0230	0	DR-N ML-N ORT3-N R-L
1	IT-230-F	DISCONNECT TS-30 TEST RIG PER OI 122	3	3	1	1	RC	O-IT-0230	0	DR-N ML-N ORT3-N R-L
28APR04 00:00										
1	RESP-3.1C1	ROD STEP TRACES TO ALL RODS OUT	2	2	1	1	MMS	RESP 3.1	2	DR-N ML-N ORT3-N R-L
2	RESP-3.1C2	ROD STEP TRACE VERIFICATION	6	6	1	2	MMS	RESP 3.1	2	DR-N ML-Y ORT3-N R-L
1	OP1A-220	RCS LITHIUM ADDITIONS	7	7	1	1	RC	OP-1C	1	DR-N ML-N ORT3-N R-L
1	OP5D-040	ESTABLISH H2 BLANKET	9	9	1	1	CV	OP-5D PART	3	DR-N ML-N ORT3-N R-L
1	CE21C030SR	REMOVE SCAFFOLD FOR SI-V-09 TS-030	10	10	1	1	SI	O-TS-030	0	DR-N ML-N ORT3-N R-L
1	IC4.29SOAK	1 HOUR SOAK/SPAN ADJ (RODS OUT)	1	1	1	1	RPI	RPI	2	DR-N ML-Y ORT3-N R-L
1	IC4.29-2SP	RPI SPAN ADJUST/DATA ACQUISITION	3	3	1	1	RPI	ICP-04.029	2	DR-N ML-Y ORT3-N R-L
1	CSX01Z	CONDENSATE WORK COMPLETE	0	0	1	1	CS	CS	4	DR-N ML-N ORT3-N R-L
1	OP13A090	STARTUP CONDENSATE SYSTEM	4	4	1	1	CS	OP-13A	4	DR-N ML-N ORT3-N R-L
1	RESP-3.1C3	HOT ROD DROPS	1	1	1	1	MMS	RESP 3.1	1	DR-N ML-N ORT3-N R-L
1	CL20-020	FINAL CONTAINMENT CLOSEOUT CHECLKIST	4	4	1	1	CONT	CL-20	0	DR-N ML-N ORT3-N R-L
1	OP1A-ATTC	ADJUST BORON FOR S/U AND EQUILIBRATE DEMINS	4	4	1	1	CV	OP-1A	1	DR-N ML-N ORT3-N R-L
1	TG-LP1-HS	LP1 TURBINE - HOOD SPRAY VERIFICATION	1	1	1	1	TU	TG-01-T1	4	DR-Y ML-Y ORT3-Y R-L
1	TG-LP2-HS	LP2 TURBINE - HOOD SPRAY VERIFICATION	1	1	1	1	TU	TG-01-T2	4	DR-Y ML-Y ORT3-Y R-L
1	KEYWAYCL20	KEYWAY INSP. FOR CL-20	2	2	1	1	CONT	CL-20	0	DR-N ML-N ORT3-N R-L
1	TG0213970A	INSTALL LP1 LOW PRESSURE TURBINE	10	10	1	1	TU	TG-01-T1	4	DR-Y ML-Y ORT3-Y R-L
1	TG0213971A	INSTALL LP2 LOW PRESSURE TURBINE	10	10	1	1	TU	TG-01-T2	4	DR-Y ML-Y ORT3-Y R-L
1	OP1B-020	APPROACH TO CRITICAL	6	6	1	1	FM	OP-1B/RESP	0	DR-N ML-N ORT3-N R-L
1	CRITICAL	REACTOR CRITICAL	0	0	1	1	XX	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	RESP-4.1B	CONTROL ROD BANK WORTH MEASUREMENTS	6	6	1	1	MMS	RESP 4.1	0	DR-N ML-N ORT3-N R-L
29APR04 00:00										
1	ICN42RSTR	RETURN CHANNEL N42 TO NORMAL	2	2	1	1	NI	N-00042	4	DR-N ML-Y ORT3-N R-L



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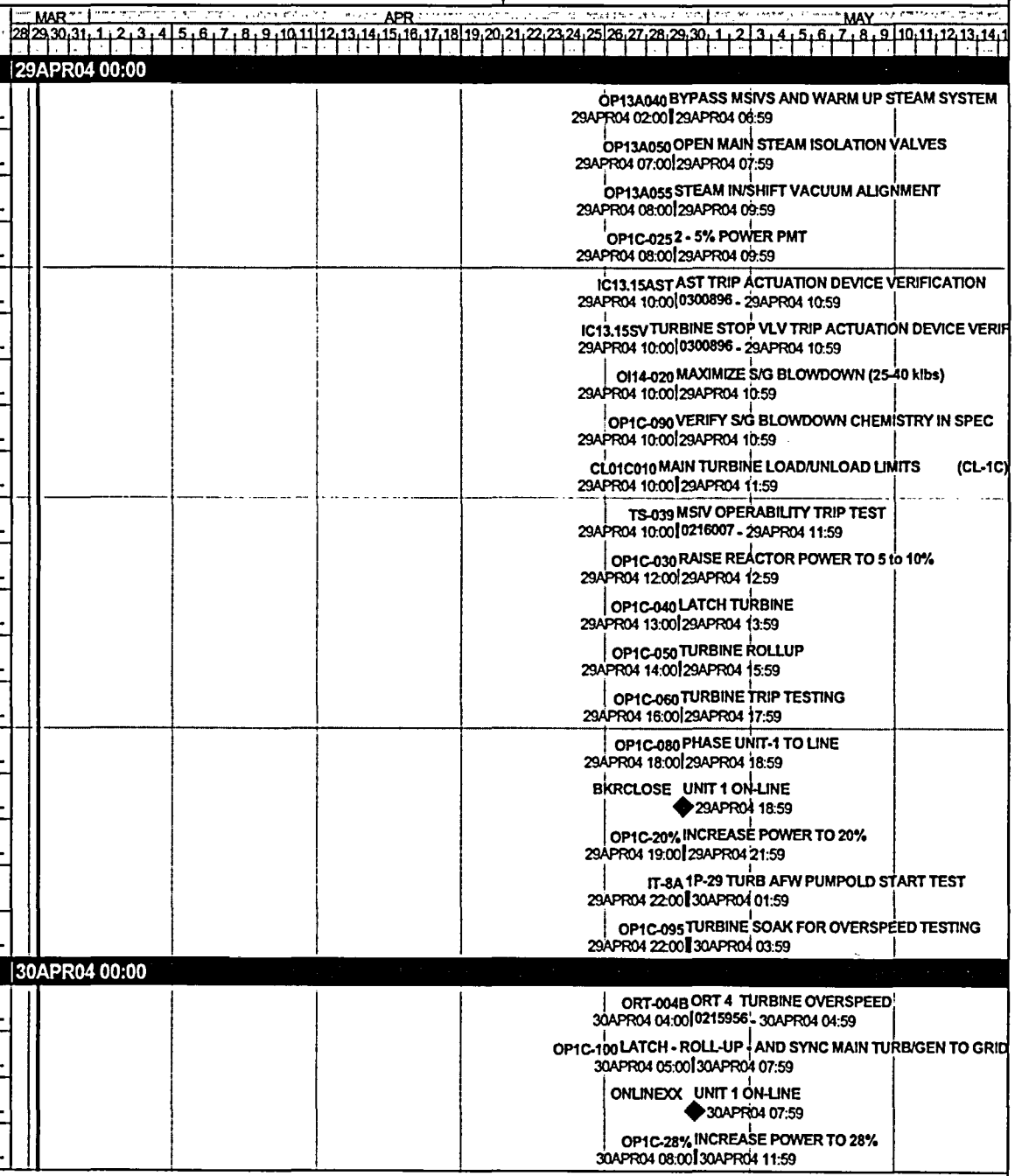
Defined Critical Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EQID	TF	RISK
29APR04 00:00										
1	OP13A040	BYPASS MSIVS AND WARM UP STEAM SYSTEM	5	5	1	1	MS	OP-13A	0	DR-N ML-N ORT3-N R-L
1	OP13A050	OPEN MAIN STEAM ISOLATION VALVES	1	1	1	1	MS	OP-13A	0	DR-N ML-N ORT3-N R-L
1	OP13A055	STEAM IN/SHIFT VACUUM ALIGNMENT	2	2	1	1	MS	OP-13A	0	DR-N ML-N ORT3-N R-L
1	OP1C-025	2 - 5% POWER PMT	2	2	1	1	XX	OP-1C	0	DR-N ML-N ORT3-N R-L
1	IC13.15AST	AST TRIP ACTUATION DEVICE VERIFICATION	1	1	1	1	RP	ICP-13.015	2	DR-N ML-N ORT3-N R-L
1	IC13.15SV	TURBINE STOP VLV TRIP ACTUATION DEVICE VERIF	1	1	1	1	RP	ICP-13.015	2	DR-N ML-N ORT3-N R-L
1	OI14-020	MAXIMIZE S/G BLOWDOWN (25-40 klbs)	1	1	1	1	BD	OI-14	1	DR-N ML-N ORT3-N R-L
1	OP1C-090	VERIFY S/G BLOWDOWN CHEMISTRY IN SPEC	1	1	1	1	MS	OP-1C	1	DR-N ML-N ORT3-N R-L
1	CL01C010	MAIN TURBINE LOAD/UNLOAD LIMITS	2	2	1	1	TU	CL-1C	2	DR-N ML-N ORT3-N R-L
1	TS-039	MSIV OPERABILITY TRIP TEST	2	2	1	1	MS	O-TS-039	0	DR-N ML-N ORT3-N R-L
1	OP1C-030	RAISE REACTOR POWER TO 5 to 10%	1	1	1	1	TU	OP-1C	0	DR-N ML-N ORT3-N R-L
1	OP1C-040	LATCH TURBINE	1	1	1	1	TU	OP-1C	0	DR-N ML-N ORT3-N R-L
1	OP1C-050	TURBINE ROLLUP	2	2	1	1	TU	OP-1C	0	DR-N ML-N ORT3-N R-L
1	OP1C-060	TURBINE TRIP TESTING	2	2	1	1	TU	OP-1C	0	DR-N ML-N ORT3-N R-L
1	OP1C-080	PHASE UNIT-1 TO LINE	1	1	1	1	XX	OP-1C	0	DR-N ML-N ORT3-N R-L
1	BKRCLOSE	UNIT 1 ON-LINE	0	0	1	1	XX	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	OP1C-20%	INCREASE POWER TO 20%	3	3	1	1	FM	OP-1C	0	DR-N ML-N ORT3-N R-L
1	IT-8A	1P-29 TURB AFW PUMPOLD START TEST	4	4	1	1	AF	P-029	2	
1	OP1C-095	TURBINE SOAK FOR OVERSPEED TESTING	6	6	1	1	FM	OP-1C	0	DR-N ML-N ORT3-N R-L
30APR04 00:00										
1	ORT-004B	ORT 4 TURBINE OVERSPEED	1	1	1	1	TU	O-RT-004	0	DR-N ML-N ORT3-N R-L
1	OP1C-100	LATCH - ROLL-UP - AND SYNC MAIN TURB/GEN TO	3	3	1	1	TU	OP-1C	0	DR-N ML-N ORT3-N R-L
1	ONLINEXX	UNIT 1 ON-LINE	0	0	1	1	XX	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	OP1C-28%	INCREASE POWER TO 28%	4	4	1	1	FM	OP-1C	0	DR-N ML-N ORT3-N R-L



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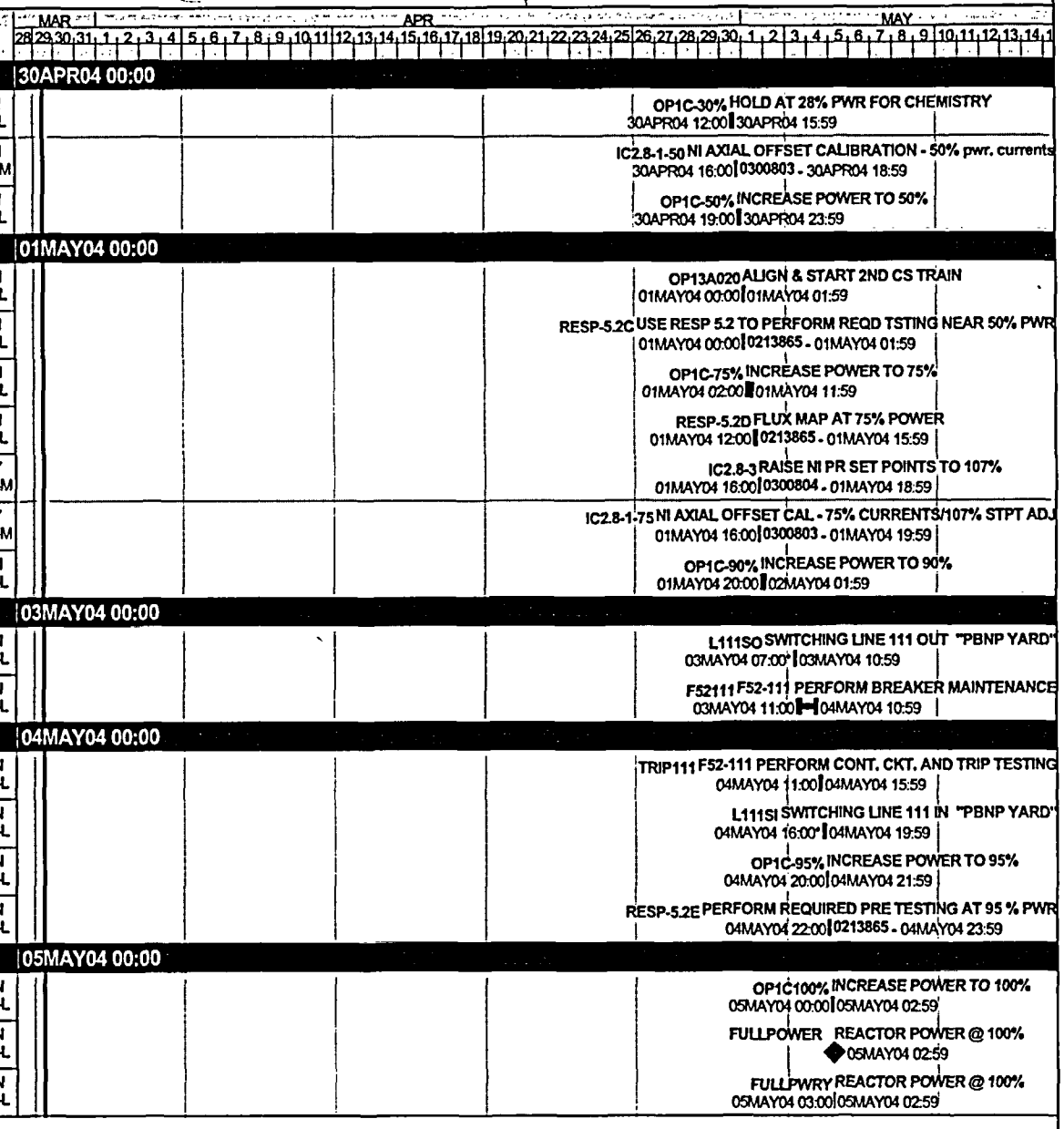
Defined C[illegible]al Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EQID	TF	RISK
30APR04 00:00										
1	OP1C-30%	HOLD AT 28% PWR FOR CHEMISTRY	4	4	1	1	FM	OP-1C	0	DR-N ML-N ORT3-N R-L
1	IC2.8-1-50	NI AXIAL OFFSET CALIBRATION - 50% pwr.	3	3	1	1	NI	ICP-02.008	0	DR-N ML-N ORT3-N R-M
1	OP1C-50%	INCREASE POWER TO 50%	5	5	1	1	FM	OP-1C	0	DR-N ML-N ORT3-N R-L
01MAY04 00:00										
1	OP13A020	ALIGN & START 2ND CS TRAIN	2	2	1	1	FD	OP-13A	0	DR-N ML-N ORT3-N R-L
1	RESP-5.2C	USE RESP 5.2 TO PERFORM REQD TSTING NEAR 50%	2	2	1	1	MMS	RESP 5.2	0	DR-N ML-N ORT3-N R-L
1	OP1C-75%	INCREASE POWER TO 75%	10	10	1	1	FM	OP-1C	0	DR-N ML-N ORT3-N R-L
1	RESP-5.2D	FLUX MAP AT 75% POWER	4	4	1	1	MMS	RESP 5.2	0	DR-N ML-N ORT3-N R-L
1	IC2.8-3	RAISE NI PR SET POINTS TO 107%	3	3	1	1	NI	ICP-02.008	1	DR-N ML-Y ORT3-N R-M
1	IC2.8-1-75	NI AXIAL OFFSET CAL - 75% CURRENTS/107% STPT ADJ	4	4	1	1	NI	ICP-02.008	0	DR-N ML-Y ORT3-N R-M
1	OP1C-90%	INCREASE POWER TO 90%	6	6	1	1	FM	OP-1C	0	DR-N ML-N ORT3-N R-L
03MAY04 00:00										
0	L111SO	SWITCHING LINE 111 OUT "PBNP YARD"	4	4	1	0	345KV	F52-111	0	DR-N ML-N ORT3-N R-L
0	F52111	F52-111 PERFORM BREAKER MAINTENANCE	10	10	8	0	345KV	F52-111	0	DR-N ML-N ORT3-N R-L
04MAY04 00:00										
0	TRIP111	F52-111 PERFORM CONT. CKT. AND TRIP TESTING	5	5	8	0	345KV	F52-111	0	DR-N ML-N ORT3-N R-L
0	L111SI	SWITCHING LINE 111 IN "PBNP YARD"	4	4	1	0	345KV	F52-111	0	DR-N ML-N ORT3-N R-L
1	OP1C-95%	INCREASE POWER TO 95%	2	2	1	1			0	DR-N ML-N ORT3-N R-L
1	RESP-5.2E	PERFORM REQUIRED PRE TESTING AT 95 % PWR	2	2	1	1	MMS	RESP 5.2	0	DR-N ML-N ORT3-N R-L
05MAY04 00:00										
1	OP1C100%	INCREASE POWER TO 100%	3	3	1	1	FM	OP-1C	0	DR-N ML-N ORT3-N R-L
1	FULLPOWER	REACTOR POWER @ 100%	0	0	1	1	XX	MILESTONE	0	DR-N ML-N ORT3-N R-L
1	FULLPWRY	REACTOR POWER @ 100%	0	0	1	1	XX	MILESTONE	0	DR-N ML-N ORT3-N R-L



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