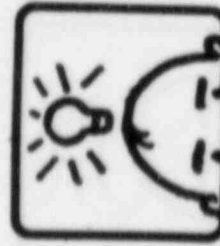
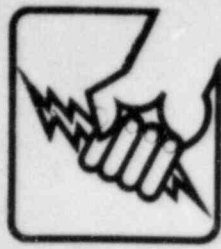


FIVE-YEAR PLAN SUMMARY REPORT

1984 - 1988

REVISION 0

JANUARY 1, 1984



8506110346 850118
PDR FOIA
PEDRO84-934 PDR

NUCLEAR OPERATIONS DEPARTMENT

[illegible]

NUCLEAR OPERATION DEPARTMENT
FIVE YEAR PLAN
(\$x1000)

Power Station North Anna

IR	PROJECT DESCRIPTION	PRIORITY	BSR	TYPE OF WORK	1984	1985	1986	1987	1988
0101	Blankets	1	Site	-	537 (500)				
					8 (8)				
** 4865A	Service Water	2	EC	3	3938 (3916)	20631	25845	9301	
** 4865B	Service Water	2	EC	2	416 (416)	91			
** 4865C	Service Water	2	EC	3	282 (282)				
5634	U2 Chemical Feed Line	2	EC	3	674 (674)				
* 4281	Post Accident Radiation Monitoring	8	EC	3	17 (17)				
* 5617	Kaman Radiation Monitor	8	EC	3	154 (154)	100			
* 5629	Sulphuric Acid Storage Tank	8	EC	3	7 (7)				
** 4994	Spent Fuel Handling	23	EC	3	85 (85)				
* 4280	Post Accident Sampling	35	EC	3	10 (10)				
* 4842	Diesel Generator Reliability	38	EC	3					

See inside front cover for legend.

NUCLEAR OPERATION DEPARTMENT

FIVE YEAR PLAN

(\$x1000)

Page 2 of 7
Date 1/1/84
Power Station North Anna Unit(s) 1 & 2

SR	PROJECT DESCRIPTION	PRIORITY	RRP	TECHNOLOGY	1984	1985	1986	1987	1988
• 56178	NEURSEC 06112	38	EC	2	P	P			
• 56140	Automatic Actuation Reactor Trip	38	EC	3	P	P			
• 56082	Technical Support Center	38	EC	3	G	G			
• 61118	Early Warning System	38	EC	3	G	G			
• 61533	01 Class IE Environmental Qualification	38	EC	3	P	P			
• 61554	02 Class IE Environmental Qualification	38	EC	3	P	P			
• 61557	NEURSEC 06196	38	EC	3	F	F			
• 70004B	Appendix R	38	EC	3	F	G			
• 70004C	Appendix R	38	EC	3	F	G			
• 56277	Local Emergency Operations Facility	44	EC	3	G	G			
• 56174	NEURSEC 07000 Control Room Design Review	44	EC	2	F	F			

See inside front cover for legend.

NUCLEAR OPERATION DEPARTMENT
FIVE YEAR PLAN
(\$1000)

Page 1 of 1
Date 1/1/84
Power Station North Anna Unit(s) 1 & 2

SY	PROJECT DESCRIPTION	1984	1985	1986	1987	1988
4475	Power Operated Relief Valves (PORVs) M305	823 (5000)	275	25	180	
4237	Downstream Inside Recirculation Spray Pump		284			
4898	RTD Bypass Flow Indicator					
5630	Turbine Rotor Refurbishment	5528 (5400)	715	1054		
5635	Steam Generator Blowdown Improvement	1340 (1271)	354			
6165	Spent Fuel Racks					
4902	Steam Generator Primary Manway		350	748		
4901	Transformer Pit M30	357 (357)	274			
4985	Pressure Proj. Nitrogen					
5606	Valve Pit Sump Improvement		107	75		
5606	Containment Inlet Well Sump Pump		664			
5609	Oil Fuel Transfer Drive		118	251		

See inside front cover for legend.

NUCLEAR OPERATION DEPARTMENT FIVE YEAR PLAN (\$x1000)

Page 4 of 7
Date 1/1/84
Power Station North Anna Unit(s) 1 & 2

Item	PROJECT DESCRIPTION	PRIORITY	BC	TECHNOLOGY	TYPE	1984	1985	1986	1987	1988
5610	EC Fuel Transfer Drive	87	EC	2	F	50	107	220		
5617	Capital Budget Estimate	87	Site	-	-		400	2001	5153	1717
4884	Lake Anna Demineralization Study	93	EC	2	P		300			
4995	Secondary Pressure Upgrade	93	EC	3	P	2000 (2000)	2412	276		
7011	Moisture Separator Improvement	93	EC	2	P	724 (724)	711			
7025	Core Upgrade	93	EC	3	P		800	5515	11016	16622
7029	Deep Bed Demineralizer	93	EC	2	P		969			
4121	Radiation Demineralizer Waste System	96	EC	3	P		42			
4907	Auxiliary Feedwater Oil Alarm	96	EC	2	P	977 (473)	2477			
6173	Radiation Waste Building	96	EC	3	P	155 (155)	184			
4909	Outside Recirculation System Suction Valves	102	EC	2	P	946 (946)				
4992	Fuel Building Block Walls	106	EC	3	P	816 (816)	577	1044		
6186	GDC-17	108	EC	3	P	816 (816)	577	1044		

See inside front cover for legend.

NUCLEAR OPERATION DEPARTMENT
FIVE YEAR PLAN
(\$x1000)

Page 5 of 7

Date 1/1/84

Power Station North Anna Unit(s) 1, 4, 2

WBS No.	ID	PROJECT DESCRIPTION	PRIORITY	ENV	1.5 MOVES	PROPOSED	REPLACED	1984	1985	1986	1987	1988	
	5607	Gas Strip Compressor	111	EC	2	F	F		156	91			
*	4870	Regulatory Guide 1.97	114	EC	3	F	F	224 (224)	417	94			
								Submit Report					
*	4871	Main Steam Discharge Monitor	114	EC	2	F	F		219	293			
*	4872	Main Steam Discharge Monitor	114	EC	2	F	F		184	150			
	4880	Feedwater Recirculation Line Leak Mod.	117	EC	2	F	F		37				
	5600	Non-Regenerative Rx Drain Separator	123	EC	2	F	F		138				
	5639	Upgrade Instrument Air Sys.	126	EC	2	F	F		38				
**	4826	Boric Acid Reduction	126	EC	3	F	F	500 (250)	998				
	4885	Primary Grade Water Storage Tank	126	EC	2	F	F		322				
	4887	Sequence of Event Recorder	126	EC	2	F	F		88	123			
	7009	Electrical Generator Ground Arrestors	142	EC	3	F	F	258 (258)					

See inside front cover for legend.

See inside front cover for legend.

**NUCLEAR OPERATION DEPARTMENT
FIVE YEAR PLAN
(\$x1000)**

Page 6 of 7

Date 1/1/84

Power Station North Anna Unit(s) 1 & 2

REF ID	IR	PROJECT DESCRIPTION	PRIORITY	MBP	12/84	12/85	12/86	12/87	12/88	1984	1985	1986	1987	1988
										JFMAMJJASON	JFMAMJJASON	JFMAMJJASON	JFMAMJJASON	JFMAMJJASON
	5611	Reactor Coolant Pump Shroud Cooler Drain	157	EC	2	F	F				430	26		
											169			
	5614	Containment Temp Power	157	EC	2	F	F							
											58			
	7026	H ₂ Purity Meter	163	Site	-	P	P							
											889	530		
	5603	Security Entrance West	166	EC	2	F	F							
											130	87		
	7014	Respirator Decontamination Repair	172	EC	2	F	F							
											93	271		
	5641	Reactor Vessel Head Shield	181	EC	2	F	F							
											212			
	5613	Wide Range Pressure Indicator	184	EC	2	F	F							
											43			
	4906	Vent Chemical Tanks	187	EC	2	F	F							
											229	68		
	5612	Safety Injection Branch Flow	190	EC	2	F	F							
											41	49		
	7030	Auxiliary Shutdown Power	190	EC		F	F							
											236			
	7031	Auxiliary Shutdown Power	190	EC	2	F	F							
											253	424	1040	
	7012	Seal Improvement Package	193	EC	2	F	F							

See inside front cover for legend.

NUCLEAR OPERATION DEPARTMENT
FIVE YEAR PLAN
(\$x1000)

Date 1/1/84

Power Station North AnnaUnit(s) 1 & 2[illegible]

COMPANY: VIRGINIA ELECTRIC AND POWER CO

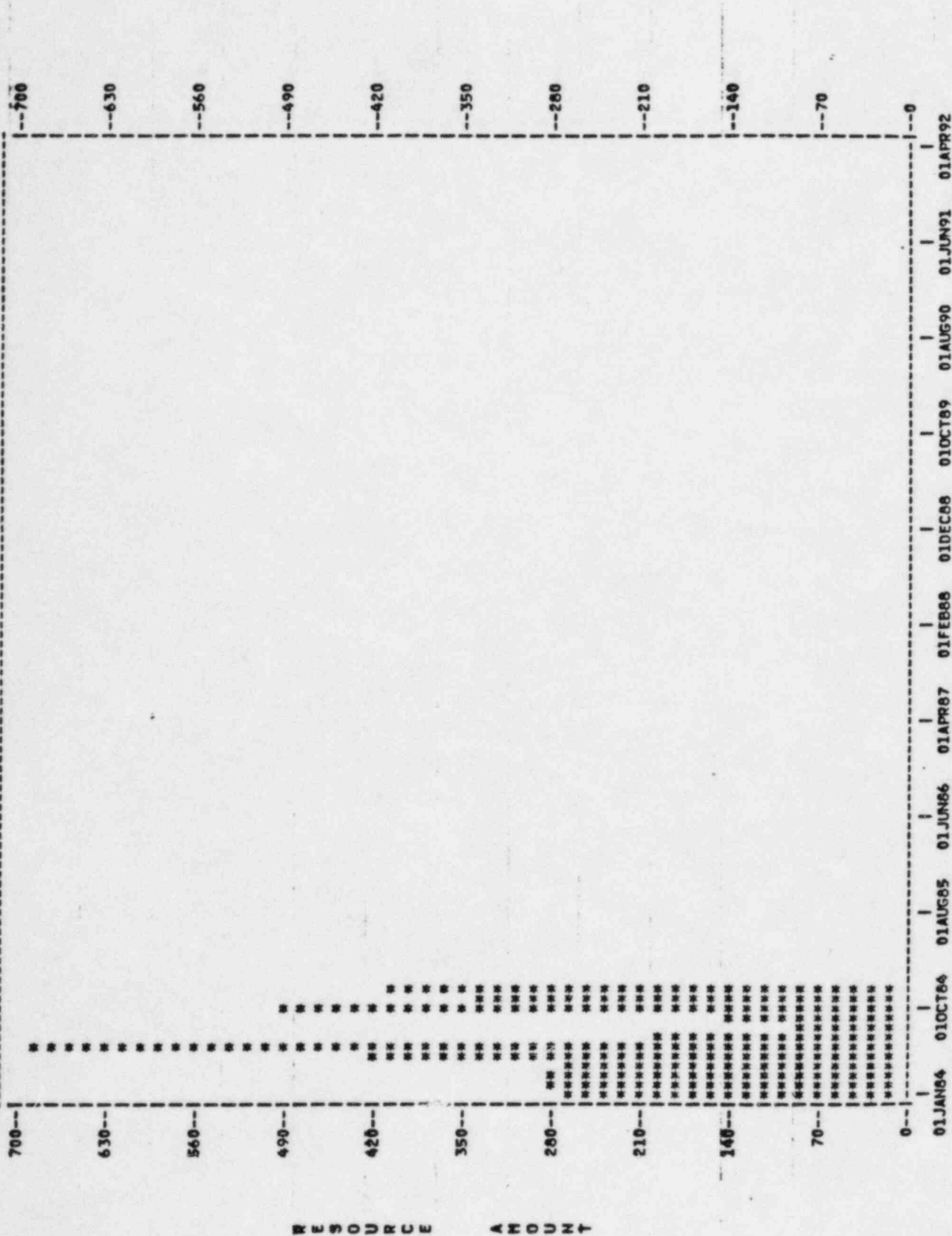
PROJECT: NUCLEAR OPERATIONS

TIME SCHEDULING HISTOGRAM
BASED ON EARLY START

RESOURCE CODE: B//
REPORT SR15

NORTH ANNA
DIRECT
LABOR
DOLLARS
(\$ X 1000)

RUN DATE : 13JAN84
TIME NOW DATE : 01JAN84
PROJECT START DATE: 01JAN84
PROJECT END DATE : 21NOV93



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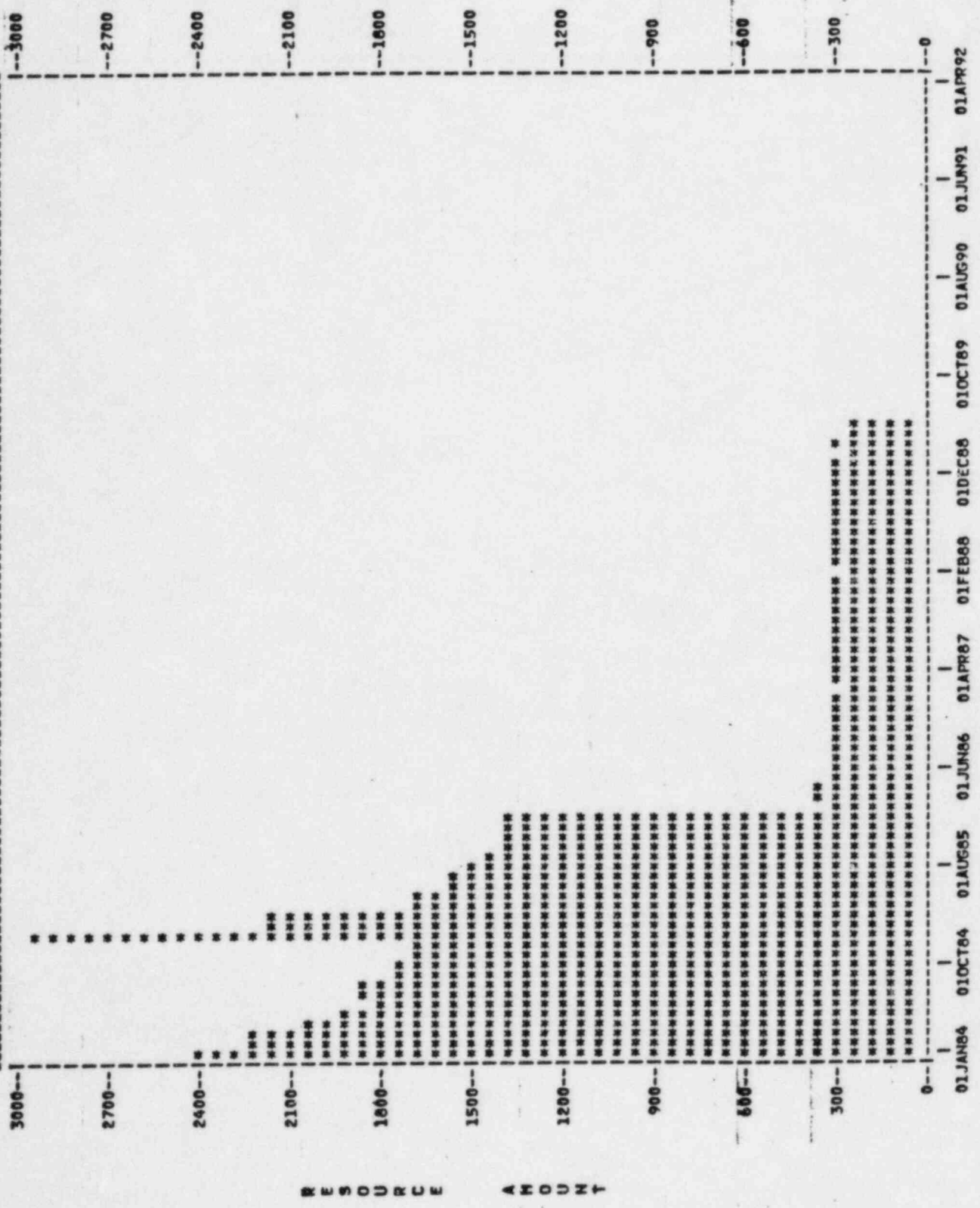
COMPANY: VIRGINIA ELECTRIC AND POWER CO
PROJECT: NUCLEAR OPERATIONS

TIME SCHEDULING HISTOGRAM
BASED ON EARLY START

RESOURCE CODE: MTD
REPORT SR15

NORTH ANNA
MATERIAL
DOLLARS
(\$ X 1000)

RUN DATE : 13JAN84
TIME NOW DATE : 01JAN84
PROJECT START DATE: 01JAN84
PROJECT END DATE : 21NOV93



COMPANY: VIRGINIA ELECTRIC AND POWER CO

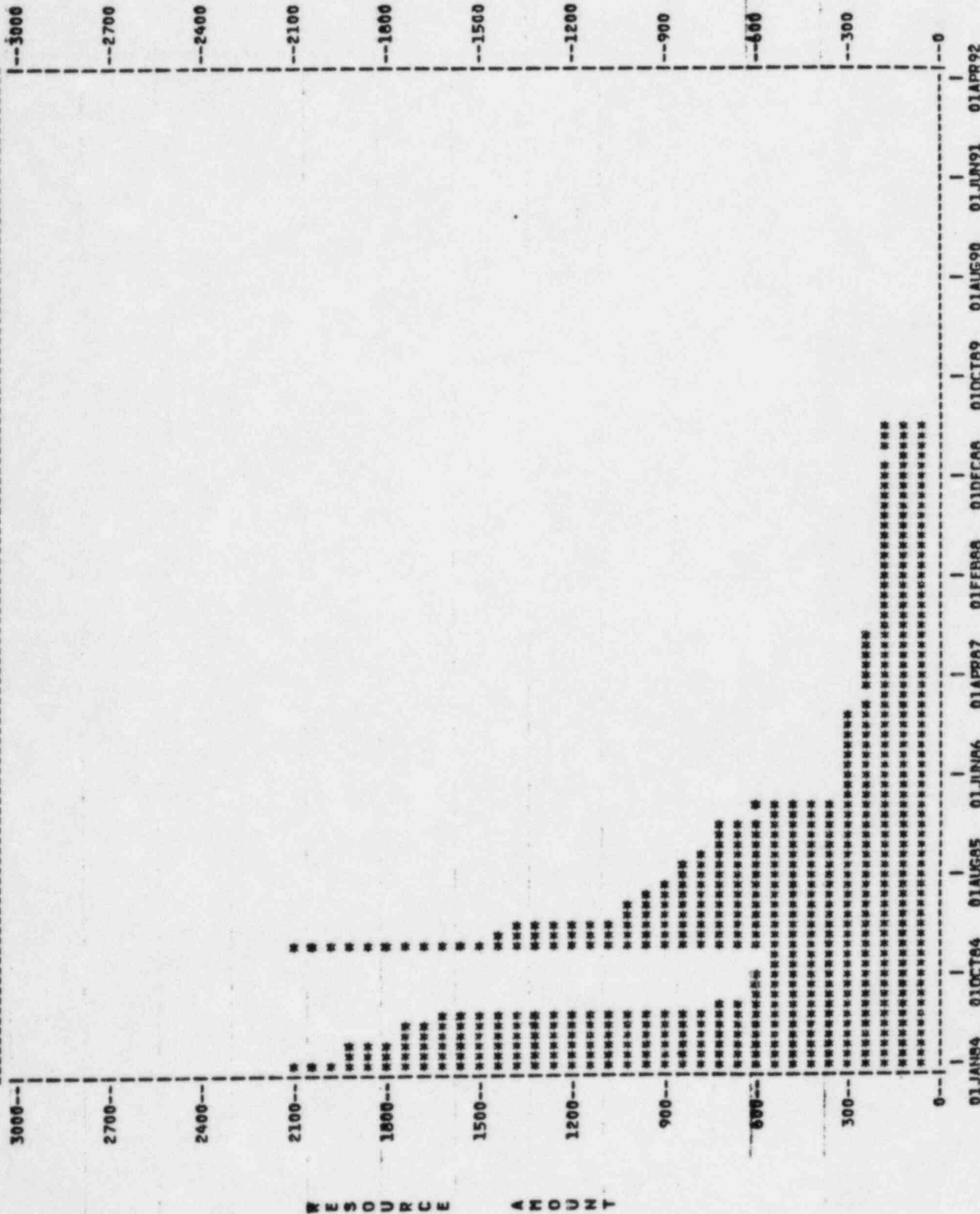
PROJECT: NUCLEAR OPERATIONS

TIME SCHEDULING HISTOGRAM
BASED ON EARLY START

RESOURCE CODE: OTH
REPORT SR15

NORTH ANNA
OVERHEAD
DOLLARS
(\$ X 1000)

RUN DATE : 13JAN84
TIME NOW DATE : 01JAN84
PROJECT START DATE: 01JAN84
PROJECT END DATE : 21NOV93



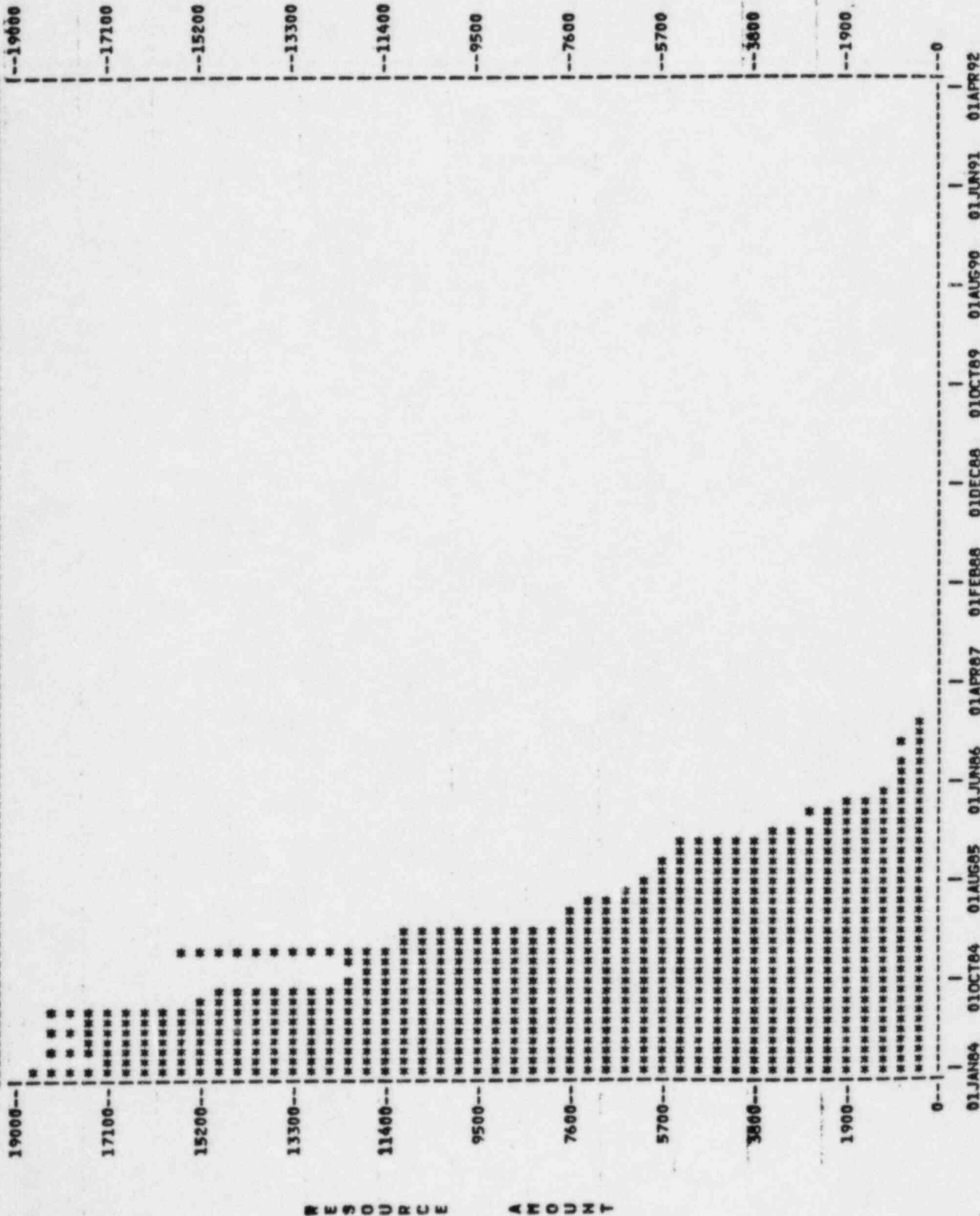
COMPANY: VIRGINIA ELECTRIC AND POWER CO
PROJECT: NUCLEAR OPERATIONS

TIME SCHEDULING HISTOGRAM
BASED ON EARLY START

RESOURCE CODE: LBE
REPORT SR15

NORTH ANNA
DIRECT
LABOR
MANHOURS

RUN DATE : 13JAN84
TIME NOW DATE : 01JAN84
PROJECT START DATE: 01JAN84
PROJECT END DATE : 21NOV93



PROJECT: NUCLEAR OPERATIONS

REPORT SR09 SPECIAL

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RUN DATE          : 10JAN84
TIME NOW DATE     : 01JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE  : 31DEC83

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SORT ON AP
SEL ACT(1-2) EQU 'NA'

NORTH ANNA POTENTIAL CAPITAL PROJECTS

ACTIVITY			IMPOSED DATES			*****PREDECESSORS*****			*****RESOURCES*****								
IDENT.	CODES	DURATION	CAL	TAC	TYPE	DATE	ACTUAL DATES	ACT. IDENT.	LAG	CAL	TYP	LAG	DUR	CODE	AMOUNT	TY	RAC

NA	QTY	SEC	DESCRIPTION	T85	QTY	W	PRI	38
NA4876	1	PSEC	ORIG. REM. MECH SAFETY EQUIP E.Q.	T85	8283	W	PRI	38
	4	1283						
NA4877	1	PSEC	ORIG. REM. U1/U2 SEISMIC QUAL	T85	10588	W	PRI	38
	4	1283						
NA4987	1	PSEC	ORIG. REM. TURB BLDG ROOF ACCESS	T85	4	W	PRI	84
	4	1283						
NA4984	1	PSEC	ORIG. REM. U1/U2 CONT BREATHING AIR	T85	200	W	PRI	87
	4	1283						
NA5626	1	PSEC	ORIG. REM. LOOSE PARTS MONITOR FOR S8	T85	250	W	PRI	90
	4	1283						
NA5618	1	PSEC	ORIG. REM. U1/U2 PORT IODINE FILTER	T85	50	W	PRI	96
	4	1283						
NA5639	1	PSEC	ORIG. REM. UPGR INST AIR SYS	T85	38	W	PRI	120
	4	1283						
NA5620	1	PSEC	ORIG. REM. U1 PERM TEMP POWER TO H&J MCCS	T85	60	W	PRI	157
	4	1283						
NA5621	1	PSEC	ORIG. REM. U2 PERM TEMP POWER TO H&J MCCS	T85	60	W	PRI	157
	4	1283						
NA5619	1	PSEC	ORIG. REM.	T85	80	W	PRI	166

PROJECT: NUCLEAR OPERATIONS

REPORT SR09 SPECIAL

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RUN DATE          : 10JAN84
TIME NOW DATE     : 01JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE  : 31DEC83

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SORT ON AP
SEL ACT(1-2) EQU 'NA'

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NORTH ANNA POTENTIAL CAPITAL PROJECTS

ACTIVITY IDENT.	CODES	DURATION	CAL TAC TYPE	IMPOSED DATES DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
	4 1283			U1/U2 PERM OUTAGE POWER-TURB BLDG			
NA5622	1 PSEC	ORIG. REM.		U2 GEN RTD TO CONT RM COMP		T85	80 W PRI 172
	4 1283						
NA5608	1 PSEC	ORIG. REM.		DISCH CANAL WALKWAY		T85	110 W PRI 184
	4 1283						
NA4310	1 PSEC	ORIG. REM.		MODIFY WAREHOUSE #6		T85	100 W PRI 196
	4 1283						
NA5624	1 PSEC	ORIG. REM.		SPARE GEN STORAGE		T85	500 W PRI 196
	4 1283						
NA5602	1 PSEC	ORIG. REM.		REPLACEMENT ROTOR FOR TH1		T85	2000 W PRI 201
	4 1283						
NA5605	1 PSEC	ORIG. REM.		CONT SUMP PUMP REPL		T85	5 W PRI 201
	4 1283						
NA5616	1 PSEC	ORIG. REM.		COND RELIABILITY IMP		T85	5 W PRI 201
	4 1283						
NA5627	1 PSEC	ORIG. REM.		UPGRADE ROTORS		T85	16000 W PRI 201
	4 1283						
NA5628	1 PSEC	ORIG. REM.		INTERMEDIATE CHEM TREATMENT		T85	600 W PRI 201
	4 1283						
NA5632	1 PSEC	ORIG.					PRI 201

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 3

PROJECT: NUCLEAR OPERATIONS

REPORT SR09 SPECIAL

RUN DATE : 10JAN84

TIME NOW DATE : 01JAN84

PROJECT START DATE : 01JAN84

PROJECT END DATE : 31DEC83

SORT ON AP
SEL ACT(1-2) EQU 'NA'

NORTH ANNA POTENTIAL CAPITAL PROJECTS

ACTIVITY IDENT.	CODES	DURATION	IMPOSED DATES		CAL	TAC	TYPE	DATE	ACTUAL DATES	*****PREDECESSORS*****				*****RESOURCES*****			
			ACT. IDENT.	LAG						CAL	TYP	LAG	DUR	CODE	AMOUNT	TY	RAC

REM.
REMOVE SG SUPPORT HEATERS

4 1283

PRI 201

NA5638

1 PSEC

ORIG.
REM.
TRANSFER OF POWER EQUIP FROM U3

4 1283

T85 5 W PRI 201

NA5642

1 PSEC

ORIG.
REM.
FIFTH POINT DRAIN COOLER MODS

4 1283

T85 90 W PRI 201

NA7015

1 PSEC

ORIG.
REM.
CONT ACCES TRAIN FAC

4 1283

T85 145 W PRI 201

NA7022

1 PSEC

ORIG.
REM.
AUX BOILER CONT REPL

4 1283

LEGEND-COMPUTER CODED TERMS

MASTERFILE INPUT DATA LISTING

COMPANY: VIRGINIA ELECTRIC AND POWER CO

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

PAGE 5

SORT ON AP
SEL ACT(1-2) EQU 'NA'

RUN DATE : 04JAN84
TIME NOW DATE : 01JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE : 21NOV93

ACTIVITY IDENT.	CODES	DURATION	CAL	TAC	TYPE	DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
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Improvement Requisition Number

Date of Latest Data Entry

Type of Turnover

Budget & Schedule Confidence Factors

Organization Responsible for Project

Project Description

Late Finish Date

Early Start Date

Project Priority Number

North Anna

NA4153

1 PSEC
2 PP
3 TYP3
4 1203

ORIG. 366
REM. 366
U-1 1E EQ

SE 01JAN84
FL 31DEC84

VPD	211	M
VPE	0420	M
LBD	347	M
LBE	15087	M
MTD	1530	M
NVD	500	M
NVE	9089	M
OTH	772	M
T64	3364	M

PRI 30

Total Cost for each Year (\$x1000)

VPD-Vepco Engr. Dollars (\$x1000)

VPE- Vepco Engr. Manhours

LBD-Constr. Labor Dollars (\$x1000)

LBE-Constr. Labor Manhours

MTD-Material Dollars (\$x1000)

NVD-A/E Engr. Dollars (\$x1000)

NVE-A/E Engr. Manhours

OTH-Overhead Dollars (\$x1000)

31	28	EJA	15	M
39	31	EMR	36	M
90	30	EAP	35	M
120	31	EMY	20	M
151	30	EJN	22	M
181	31	EJL	13	M
212	31	EAU	12	M
243	30	ESE	10	M
273	31	EOC	11	M
304	30	ENO	11	M
334	31	EDC	12	M
120	31	BMY	79	M
151	30	BJN	175	M
181	31	BJL	52	M

Engr. Dollars for each Month of 1984 (\$x1000)

Constr. Dollars for each Month of 1984 (\$x1000)

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 1

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

RUN DATE : 13JAN84

TIME NOW DATE : 01JAN84

PROJECT START DATE : 01JAN84

PROJECT END DATE : 21NOV93

SORT ON AP

NORTH ANNA

SEL ACT(1-2) EQU 'NA'

ACTIVITY IDENT.	CODES	DURATION	CAL	TAC	TYPE	IMPOSED DATES DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT.	LAG	CAL	TYP	LAG	DUR	CODE	AMOUNT	TY	RAC
NA0101		ORIG. 366			SE	01JAN84								OTH	500	W	PRI 1
		REM. 366			FL	31DEC84								T84	500	W	
		BLANKETS															
NA4865A	1 PSEC	ORIG. 60			SE	01JAN84								VPD	5	W	PRI 2
	2 GG	REM. 60			FL	29FEB84								VPE	160	W	
	3 TYP3	SVS WATER												NVD	4	W	
	4 1283													NVE	72	W	
														T84	8	W	
														31 EJA	2	W	
														31 28 EFE	2	W	
NA4865B	1 PSEC	ORIG. 1461			SE	01JAN84								366 T84	3916	W	PRI 2
	2 PP	REM. 1461			FL	31DEC87								366 365 T85	20631	W	
	3 TYP2	SVS WATER												731 365 T86	25845	W	
	4 1283													1096 365 T87	9301	W	
														31 EJA	58	W	
														31 28 EFE	58	W	
														59 31 EMR	63	W	
														90 30 EAP	68	W	
														120 31 EMY	63	W	
														151 30 EJN	78	W	
														181 31 EJL	73	W	
														212 31 EAU	83	W	
														243 30 ESE	88	W	
														273 31 EOC	90	W	
														304 30 ENO	327	W	
														334 31 EOC	305	W	
														304 30 BNO	122	W	
														334 31 BDC	122	W	
NA4865C	1 PSEC	ORIG. 486			SE	01JAN84								VPD	69	W	PRI 2
	2 FF	REM. 486			FL	30APR85								VPE	2760	W	
	3 TYP3	SVS WATER												LBD	97	W	
	4 1283													LBE	4217	W	
														MTD	114	W	
														NVD	121	W	
														NVE	2200	W	
														OTH	106	W	
														366 T84	416	W	
														366 120 T85	91	W	
														31 EJA	4	W	
														31 28 EFE	3	W	
														59 31 EMR	3	W	
														90 30 EAP	10	W	
														120 31 EMY	10	W	
														151 30 EJN	8	W	


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RUN DATE          : 13JAN84
TIME NOW DATE     : 01JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE  : 21NOV93

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NORTH ANNA

ACTIVITY IDENT.	CODES	DURATION	CAL TAC TYPE	IMPOSED DATES DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
							31 EJA 3 W
						59 31 EMR 1 W	
						59 31 BMR 5 W	
NA5629	1 PSEC	ORIG. 425	SE	01JAN84			VPD 29 W PRI 8
	2 FF	REM. 425	FL	28FEB85			VPE 1160 W
	3 TYP3	SULPHURIC ACID ST					LBD 40 W
	4 1283						LBE 1717 W
							MTD 61 W
							HVD 81 W
							NVE 1473 W
							OTH 44 W
						366 T84 154 W	
						366 59 T85 100 W	
						31 31 EJA 2 W	
						31 28 EFE 3 W	
						59 31 EMR 4 W	
						90 30 EAP 4 W	
						120 31 EMY 3 W	
						151 30 EJM 3 W	
						181 31 EJJ 3 W	
						212 31 EAU 2 W	
							VPD 7 W
NA4994	1 PSEC	ORIG. 274	SE	01JAN84			VPE 272 W PRI 23
	2 PP	REM. 274	FL	30SEP84			T84 7 W
	3 TYP3	S. FUEL HAND					31 31 EJA 2 W
	4 1283						31 28 EFE 1 W
						59 31 EMR 1 W	
						90 30 EAP 1 W	
						120 31 EMY 1 W	
						151 30 EJM 1 W	
						181 31 EJJ 1 W	
							VPD 70 W
NA4280	1 PSEC	ORIG. 91	SE	01JAN84			VPE 2780 W PRI 35
	2 GG	REM. 91	FL	31MAR84			HVD 15 W
	3 TYP3	POST ACC SAMPLING					NVE 273 W
	4 1283						T84 85 W
						31 31 EJA 34 W	
						31 28 EFE 21 W	
						59 31 EMR 14 W	
							VPD 8 W
NA4842	1 PSEC	ORIG. 90	SE	01JAN84			VPE 320 W PRI 38
	2 PP	REM. 90	FL	31MAR84			OTH 2 W
	3 TYP3	DG RELIABILITY					T84 10 W
	4 1283						31 31 EJA 3 W
						31 28 EFE 3 W	

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 4

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

RUN DATE : 13JAN84

TIME NOW DATE : 01JAN84

PROJECT START DATE : 01JAN84

PROJECT END DATE : 21NOV93

SORT ON AP

NORTH ANNA

SEL ACT(1-2) EQU 'NA'

ACTIVITY IDENT.	CODES	DURATION	CAL TAC TYPE	IMPOSED DATES DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
NA4878	1 PSEC 2 PP 3 TYP2 4 1283	ORIG. 152 REM. 152 NUREG 0612	SE FL	01JAN84 31MAY84			59 31 EMR 2 W VPD 6 W PRI 38 VPE 248 W T84 6 W 31 EJA 1 W 31 28 EFE 1 W 59 31 EMR 1 W 90 30 EAP 1 W 120 31 EMY 1 W
NA5640	1 PSEC 2 PP 3 TYP3 4 1283	ORIG. 578 REM. 578 AUTO ACT RT	SE FL	01JAN84 31MAR85			VPD 17 W PRI 38 VPE 668 W LBD 7 W LBE 304 W MTD 72 W NVD 47 W NVE 851 W OTH 40 W 366 T84 74 W 366 90 T85 108 W 31 EJA 1 W 31 28 EFE 1 W 59 31 EMR 1 W 90 30 EAP 1 W 120 31 EMY 1 W 151 30 EJN 1 W 181 31 EJA 1 W 212 31 EAU 1 W 243 30 ESE 4 W 273 31 EOC 2 W 304 30 ENO 1 W 334 31 EDC 2 W
NA6082	1 PSEC 2 GG 3 TYP3 4 1283	ORIG. 274 REM. 274 TSC	SE FL	01JAN84 30SEP84			VPD 28 W PRI 38 VPE 1100 W LBD 626 W LBE 27204 W MTD 332 W NVD 95 W NVE 1727 W OTH 490 W T84 1570 W 31 EJA 3 W 31 28 EFE 3 W 59 31 EMR 3 W 90 30 EAP 3 W 120 31 EMY 3 W 151 30 EJN 4 W

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

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RUN DATE           : 13JAN84
TIME NOW DATE      : 01JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE   : 21NOV93

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Sort on AP

NORTH ANNA

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SEL ACT(1-2) EQU 'NA'
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ACTIVITY			IMPOSED DATES				*****PREDECESSORS*****				*****RESOURCES*****						
IDENT.	CODES	DURATION	CAL	TAC	TYPE	DATE	ACTUAL DATES	ACT. IDENT.	LAG	CAL	TYP	LAG	DUR	CODE	AMOUNT	TY	RAC

NA6118	1 PSEC	ORIG. 60	SE	01JAN84
	2 GG	REN. 60	FL	29FEB84
	3 TYP3	EARLY WARNING SYSTEM		
	4 1283			

181	31	EJL	5	W	
212	31	EAU	4	W	
243	30	ESE	3	W	
	31	BJA	92	W	
31	28	BFE	92	W	
59	31	BMR	92	W	
90	30	BAP	92	W	
120	31	BMY	92	W	
151	30	BJN	92	W	
		VPD	6	W	PRI 38
		VPE	240	W	
		MTD	60	W	
		T84	66	W	
	31	EJA	5	W	
31	28	EFE	1	W	

NA6153	1 PSEC	ORIG. 366	SE 01JAN84
	2 PP	REM. 366	FL 31DEC84
	3 TYP3	U-1 1E EQ	
	4 1283		

		VPD	211	W	PRI 38
		VPE	8420	W	
		LBO	347	W	
		LBE	15067	W	
		MTD	1530	W	
		NVD	500	W	
		NVE	9089	W	
		OTH	772	W	
		T84	3364	W	
	31	EJA	15	W	
	28	EFE	15	W	
59	31	EMR	36	W	
90	30	EAP	35	W	
120	31	EHY	20	W	
151	30	EJN	22	W	
181	31	EJL	13	W	
212	31	EAU	12	W	
243	30	ESE	10	W	
273	31	EOC	11	W	
304	30	END	11	W	
334	31	EDC	12	W	
120	31	BHY	79	W	
151	30	BJN	175	W	
181	31	BJL	52	W	

NA6154	1 PSEC	ORIG. 547	SE 01JAN84
	2 PP	REM. 547	FL 30JUN85
	3 TYP3	U-2 1E EQ	
	4 1283		

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VPD 356 W PRI 38
VPE 14248 W
LBD 291 W
LBE 12670 W
MTD 960 W
NVD 743 W
NVE 13505 W
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COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 6

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

RUN DATE : 13JAN84

TIME NOW DATE : 01JAN84

PROJECT START DATE : 01JAN84

PROJECT END DATE : 21NOV93

SORT ON AP

NORTH ANNA

SEL ACT(1-2) EQU 'NA'

ACTIVITY IDENT.	CODES	DURATION	CAL TAC TYPE	IMPOSED DATES DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
							OTH 744 W
						366 181 T84 3086 W	
						366 181 T85 119 W	
						31 EJA 13 W	
						31 28 EFE 13 W	
						59 31 EMR 13 W	
						90 30 EAP 13 W	
						120 31 EMY 14 W	
						151 30 EJN 14 W	
						181 31 EJA 16 W	
						212 31 EAU 16 W	
						243 30 ESE 151 W	
						273 31 EOC 19 W	
						304 30 ENO 51 W	
						334 31 EDC 26 W	
						273 31 BOC 248 W	
NA6157	1 PSEC	ORIG. 456		SE 01JAN84			VFD 296 W
	2 FF	REM. 456		FL 31MAR85			VPE 11840 W
	3 TYP3	MUREG 0696					LBD 1058 W
	4 1283						LBE 45991 W
							MTD 4667 W
							NVD 877 W
							NVE 15945 W
							OTH 2921 W
						366 181 T84 7619 W	
						366 90 T85 2200 W	
						31 EJA 25 W	
						31 28 EFE 25 W	
						59 31 EMR 25 W	
						90 30 EAP 28 W	
						120 31 EMY 28 W	
						151 30 EJN 28 W	
						181 31 EJA 28 W	
						212 31 EAU 25 W	
						243 30 ESE 20 W	
						273 31 EOC 23 W	
						304 30 ENO 23 W	
						334 31 EDC 20 W	
						31 BJA 77 W	
						31 28 BFE 77 W	
						59 31 BMR 77 W	
						90 30 BAP 77 W	
						120 31 BMY 77 W	
						151 30 BJN 77 W	
						181 31 BJL 77 W	
						212 31 BAU 48 W	
						243 30 BSE 77 W	
						273 31 BOC 77 W	

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

RUN DATE 13 JAN 84

SORT ON AP

NORTH ANNA

TIME NOW DATE : 01JAN84

SEL ACT(1-2) EQU 'NA'

PROJECT START DATE : 01JAN84

PROJECT END DATE : 21NOV93

ACTIVITY IDENT.	CODES	DURATION	CAL TAC TYPE	IMPOSED DATES DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
							304 30 BNO 77 W
							334 31 BDC 77 W
NA7004B	1 PSEC	ORIG. 397	SE	01JAN84			VPD 187 W PRI 38
	2 FG	REM. 397	FL	31JAN85			VPE 7472 W
	3 TYP3	APPENDIX R					LBD 285 W
	4 1283						LBE 10182 W
							MTD 1058 W
							NVD 250 W
							NVE 4545 W
							OTH 702 W
						366	T84 1960 W
						366 31	T85 522 W
						31	EJA 23 W
						31 28	EFE 23 W
						59 31	EMR 12 W
						90 30	EAP 12 W
						120 31	EMY 12 W
						151 30	EJN 12 W
						181 31	EJL 12 W
						212 31	EAU 12 W
						243 30	ESE 12 W
						273 31	EOC 12 W
						304 30	ENO 12 W
						334 31	EDC 13 W
						31 28	BFE 3 W
						151 30	BJN 126 W
						273 31	BOC 26 W
NA7004C	1 PSEC	ORIG. 366	SE	01JAN84			VPD 57 W PRI 38
	2 FG	REM. 366	FL	31DEC84			VPE 2272 W
	3 TYP3	APPENDIX R					LBD 408 W
	4 1283						LBE 17739 W
							MTD 145 W
							OTH 377 W
							T84 987 W
						181 31	EJL 3 W
						212 31	EAU 3 W
						243 30	ESE 8 W
						273 31	EOC 8 W
						304 30	ENO 8 W
						334 31	EDC 8 W
						120 31	BMV 145 W
						151 30	BJN 145 W
						181 31	BJL 61 W
NA4827	1 PSEC	ORIG. 731	SE	01JAN84			VPD 40 W PRI 44
	2 GG	REM. 731	FL	31DEC85			VPE 1616 W
	3 TYP3	LOCAL EOF					LBD 312 W

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 8

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

NORTH ANNA

SORT ON AP
SEL ACT(1-2) EQU 'NA'RUN DATE : 13JAN84
TIME NOW DATE : 01JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE : 21NOV93

ACTIVITY IDENT.	CODES	DURATION	CAL	TAC	TYPE	DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
4 1283									LBE 13552 W MTD 327 W NVD 246 W NVE 4476 W OTH 324 W T84 317 W 365 366 T85 932 W
NA4874	1 PSEC 2 FF 3 TYP2 4 1283	ORIG. 608 REN. 608 CR UPG NUREG 0700				SE 01FEB84 FL 30SEP85			VPD 158 W VPE 6332 W NVD 542 W NVE 9858 W 335 335 T84 331 W 335 273 T85 369 W 28 EFE 6 W 28 31 EHR 14 W 59 30 EAP 8 W 89 31 EHY 4 W 120 30 EJA 4 W 150 31 EJA 13 W 181 31 EAU 16 W 212 30 ESE 8 W 242 31 EOC 3 W 273 30 EHO 7 W 303 31 EDC 7 W
NA4875	1 PSEC 2 FF 3 TYP2 4 1283	ORIG. 366 REN. 366 PORV MODS				SE 01JAN84 FL 31MAR85			VPD 116 W VPE 4620 W LBD 116 W LBE 5030 W MTD 8 W NVD 540 W NVE 9818 W 366 T84 500 W 31 EJA 2 W 31 28 EFE 2 W 59 31 EHR 2 W 90 30 EAP 2 W 120 31 EHY 5 W 151 30 EJA 3 W 181 31 EJA 10 W 212 31 EAU 15 W 243 30 ESE 16 W
NA4837	1 PSEC 2 FF 3 TYP3 4 1283	ORIG. 850 REN. 850 DEWATER IRSP				SE 01JAN85 FL 30APR87			VPD 247 W VPE 9872 W LBD 73 W LBE 3161 W MTD 23 W

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 9

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

NORTH ANNA

RUN DATE : 13JAN84
TIME NOW DATE : 01JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE : 21NOV93SORT ON AP
SEL ACT(1-2) EQU 'NA'

ACTIVITY IDENT.	CODES	DURATION	CAL	TAC	TYPE	DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
									NVD 89 W
									NVE 1618 W
									OTH 48 W
									365 T85 275 W
								365 365 T86 25 W	
								730 120 T87 180 W	
NA4898	1 PSEC	ORIG. 365			SE	01JAN85			VPD 50 W PRI 72
	2 FF	REM. 365			FL	31DEC85			VPE 1984 W
	3 TYP2	RTD BYPASS FLOW IND							LBD 85 W
	4 1283								LBE 3713 W
									MTD 70 W
									OTH 79 W
									T85 284 W
NA5631	1 SITE	ORIG. 182			SE	01JAN84			OTH 5400 W PRI 72
	2 FG	REM. 182			FL	30JUN84			T84 5400 W
		TURBINE ROTOR RETURN							
	4 1283								
NA5635	1 PSEC	ORIG. 456			SE	01JAN85			VPD 36 W PRI 72
	2 PP	REM. 456			FL	31MAR86			VPE 1440 W
	3 TYP2	SG BLOWDOWN IMP							NVD 360 W
	4 1283								NVE 6545 W
									OTH 5400 W
									365 T85 715 W
								365 90 T86 1054 W	
								31 EJA 2 W	
								31 28 EFE 2 W	
								59 31 EHR 2 W	
								90 30 EAP 2 W	
								120 31 EHY 2 W	
								151 30 EJN 2 W	
								181 31 EJA 2 W	
								212 31 EAU 2 W	
								243 30 ESE 2 W	
								273 31 EOC 2 W	
								304 30 ENO 2 W	
								334 31 EDC 2 W	
NA6165	1 PSEC	ORIG. 397			SE	01JAN84			VPD 63 W PRI 72
	2 PP	REM. 397			FL	31JAN85			VPE 2500 W
	3 TYP3	SF RACKS							LBD 170 W
	4 1283								LBE 7383 W
									MTD 712 W
									NVD 196 W
									NVE 3560 W
									OTH 485 W
								366 T84 1271 W	

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 10

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

RUN DATE : 13JAN84

TIME NOW DATE : 01JAN84

PROJECT START DATE : 01JAN84

PROJECT END DATE : 21NOV93

SORT ON AP

NORTH ANNA

SEL ACT(1-2) EQU 'NA'

ACTIVITY IDENT.	CODES	DURATION	CAL	TAC	TYPE	DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
									366 31 T85 354 W
									31 31 EJA 5 W
									31 28 EFE 5 W
									59 31 EMR 5 W
									90 30 EAP 5 W
									120 31 EMY 8 W
									151 30 EJN 8 W
									181 31 EJL 8 W
									212 31 EAU 8 W
									243 30 ESE 5 W
									273 31 EOC 5 W
									304 30 BNO 69 W
									334 31 BDC 69 W
NA4902	1 PSEC	ORIG. 546				SE 01JAN85			VPO 44 W PRI 81
	2 FF	REM. 546				FL 30JUN86			VPE 1780 W
	3 TYPE	S/G PRIM MANWAY							LBD 24 W
	4 1283								LBE 1061 W
									MTD 672 W
									NVD 52 W
									NVE 946 W
									OTH 305 W
									365 T85 350 W
									365 181 T86 748 W
NA4901	1 PSEC	ORIG. 425				SE 01JAN84			VPO 14 W PRI 87
	2 PP	REM. 425				FL 28FEB85			VPE 560 W
	3 TYP3	TRANS PIT MOD							LBD 237 W
	4 1283								LBE 10317 W
									MTD 119 W
									NVD 80 W
									NVE 1455 W
									OTH 181 W
									366 T84 357 W
									366 T85 274 W
									31 31 EJA 1 W
									31 28 EFE 1 W
									59 31 EMR 1 W
									90 30 EAP 1 W
									120 31 EMY 1 W
									151 30 EJN 1 W
									181 31 EJL 1 W
									212 31 EAU 1 W
									243 30 ESE 1 W
									273 31 EOC 1 W
									304 30 ENO 2 W
									334 31 EDC 1 W
									212 31 BAU 35 W
									243 30 BSE 35 W

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 12

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

RUN DATE : 13JAN84

TIME NOW DATE : 01JAN84

PROJECT START DATE : 01JAN84

PROJECT END DATE : 21NOV93

SORT ON AP

NORTH ANNA

SEL ACT(1-2) EQU 'NA'

ACTIVITY IDENT.	CODES	DURATION	CAL	TAC	TYPE	DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
									MTD 107 W
									NVD 32 W
									NVE 582 W
									OTH 95 W
								365 304 T85 107 W	
								365 304 T86 220 W	
NA5647		ORIG. 366			SE	01JAN84			VPD 50 W PRI 87
		REM. 366			FL	31DEC84			VPE 200 W
		CAPITAL BUDGET ESTIMATE							T84 50 W
NA4884	1 PSEC	ORIG. 1275			SE	01JAN85			VPD 74 W PRI 93
	2 PP	REM. 1275			FL	31MAR88			VPE 2940 W
	3 TYP2	LAKE ANNA DEMIN STUDY							NVD 739 W
	4 1283								NVE 13431 W
									OTH 1589 W
								365 365 T85 400 W	
								365 365 T86 2001 W	
								730 365 T87 5153 W	
								1095 90 T88 1717 W	
NA4995	1 PSEC	ORIG. 61			SE	01AUG85			VPD 1 W PRI 93
	2 PP	REM. 61			FL	30SEP85			VPE 16 W
	3 TYP3	SEC PRESS UPGR							NVD 300 W
	4 1283								T85 300 W
									NVE 5455 W
NA7011	1 PSEC	ORIG. 762			SE	01JAN84			VPD 9 W PRI 93
	2 FF	REM. 762			FL	31JAN86			VPE 360 W
	3 TYP2	MOIS SEP IMP							LBD 231 W
	4 1283								LBE 10061 W
									MTD 25246 W
									NVD 53 W
									NVE 964 W
									OTH 1563 W
								366 365 T84 2000 W	
								366 365 T85 2412 W	
								731 31 T86 276 W	
								31 28 EFE 1 W	
								59 31 EMR 1 W	
								90 30 EAP 1 W	
								120 31 EMY 1 W	
								151 30 EJN 1 W	
								181 31 EJL 1 W	
								334 31 EDC 1 W	
								334 31 BOC 103 W	
NA7025	1 PSEC	ORIG. 731			SE	01JAN84			VPD 137 W PRI 93

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

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RUN DATE          : 13JAN84
TIME NOW DATE     : 01JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE  : 21NOV93

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SORT ON AP

NORTH ANNA

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SEL ACT(1-2) EQU 'NA'
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ACTIVITY				IMPOSED DATES		*****PREDECESSORS*****			*****RESOURCES*****			
IDENT.	CODES	DURATION	CAL	TAC	TYPE	DATE	ACTUAL DATES	ACT. IDENT.	LAG	CAL	TY	RAC

2 PP REM. 731 FL 31DEC85
3 TYP3 CORE UPGRADE
4 1283

		VPE	5480	W
		NVD	1298	W
		NVE	23600	W
	366	T84	724	W
366	365	T85	711	W
	31	EJA	10	W
31	28	EFE	7	W
59	31	EMR	6	W
90	30	EAP	6	W
120	31	EMY	7	W
151	30	EJN	6	W
181	31	EJL	5	W
212	31	EAU	7	W
243	30	ESE	5	W
273	31	EOC	7	W
304	30	ENO	7	W
334	31	EDC	6	W

PRI 93

NA7029	1 PSEC	ORIG.1611	SE 01JAN85
	2 PP	REM. 1611	FL 31MAY89
	3 TYPE	DEEP RED DEMIN	
	4 1283		

		VPO	195	W
		VPE	7780	W
		LBD	7255	W
		MTD	16051	W
		MVD	1273	W
		NVE	23151	W
		OTH	10634	W
	365	T85	800	W
365	365	T86	5515	W
730	365	T87	11016	W
1095	365	T88	16622	W
1460	151	T89	1436	W
	31	EJA	4	W
31	28	EFE	3	W
59	31	EMR	3	W
90	30	EAP	3	W
120	31	EMY	3	W

PRI 96

HA4121	1 PSEC	ORIG. 273	SE 01JAN85
	2 FF	REM. 273	FL 30SEP85
	3 TYP3	RAD DEMIN WASTE SYS	
	4 1283		

VPD	53	W
VPE	2120	W
LBD	9	W
LBE	332	W
MTD	586	W
OTH	321	W
T85	969	W

PRI 96

NA4907	1 PSEC	ORIG. 243	SE 01JAN85
	2 PP	REM. 243	FL 31AUG85
	3 TYP2	AUX FEED OIL ALARM	
	4 1283		

VPD	17	W
VPE	696	W
LED	14	W
LBE	626	W
MTD	4	W

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

RUN DATE 13 JAN 84

SOFT ON AP

NORTH ANNA

TIME NOW DATE : 01JAN84

SEL ACT(1-2) EQU 'NA'

PROJECT START DATE : 01JAN84

PROJECT END DATE : 21NOV93

ACTIVITY			IMPOSED DATES			*****PREDECESSORS*****				*****RESOURCES*****							
IDENT.	CODES	DURATION	CAL	TAC	TYPE	DATE	ACTUAL DATES	ACT. IDENT.	LAG	CAL	TYP	LAG	DUR	CCDE	AMOUNT	TY	RAC

NA6106	1 PSEC	ORIG. 882	SE 01JAN84
	2 PP	REN. 882	FL 31MAY86
	3 TYP3	GDC-17	
	4 1283		

		NVE	572	W	
		OTH	296	W	
	213	T84	946	W	
	31	EJA	13	W	
31	28	EFE	10	W	
59	31	EMR	10	W	
90	30	EAP	10	W	
120	31	EMY	8	W	
151	30	EJN	7	W	
181	31	EJL	6	W	
	31	BJA	98	W	
31	28	BFE	98	W	
59	31	BMR	98	W	
90	30	BAP	98	W	
		VPD	1605	W	PRI 108
		LBD	212	W	
		LBE	9217	W	
		MTD	167	W	
		NVD	270	W	
		NVE	4909	W	
		OTH	183	W	
	366	T84	816	W	
366	365	T85	577	W	
731	151	T86	1044	W	
	31	EJA	10	W	
31	28	EFE	10	W	
59	31	EMR	29	W	
90	30	EAP	57	W	
120	31	EMY	32	W	
151	30	EJN	92	W	
181	31	EJL	88	W	
212	31	EAU	88	W	
243	30	ESE	98	W	
273	31	EOC	98	W	
304	30	ENO	84	W	
334	31	EDC	79	W	
120	31	BHY	18	W	
151	30	BJN	55	W	
243	30	BSE	18	W	
273	31	BOC	55	W	

HA5607	1 PSEC	ORIG. 485	SE 01JAN85
	2 FF	REN. 485	FL 30APR86
	3 TYP2	GAS STRIP COMP	
	4 1283		

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VPD      17      W      PRI 111
VPE      680     W
LBD       31     W
LBE     1343     W
MTD       41     W
NVD      122     W
NVE     2218     W
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COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 16

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

SORT ON AP

SEL ACT(1-2) EQU 'NA'

NORTH ANNA

RUN DATE : 13JAN84

TIME NOW DATE : 01JAN84

PROJECT START DATE : 01JAN84

PROJECT END DATE : 21NOV93

ACTIVITY IDENT.	CODES	DURATION	CAL	TAC	TYPE	DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
NA4870	1 PSEC	ORIG. 1096			SE	01JAN84			OTH 36 W
	2 PP	REM. 1096			FL	31DEC86			365 T85 156 W
	3 TYP3	RG 1.97							365 120 T86 91 W
	4 1283								VPD 185 W PRI 114
									VPE 4184 W
									MTD 150 W
									NVD 535 W
									NVE 9727 W
									366 T84 224 W
									366 365 T85 417 W
									731 365 T86 94 W
									31 EJA 4 W
									31 28 EFE 4 W
									59 31 EHR 4 W
									90 30 EAP 4 W
									120 31 EHY 4 W
									151 30 EJH 4 W
									181 31 EJJ 4 W
									212 31 EAU 4 W
									243 30 ESE 6 W
									273 31 EOC 5 W
									304 30 ENO 5 W
									334 31 EDC 5 W
NA4871	1 PSEC	ORIG. 730			SE	01JAN85			VPD 18 W PRI 114
	2 FF	REM. 730			FL	31DEC86			VPE 704 W
	3 TYP2	MS DISCH MON							LBD 113 W
	4 1283								LBE 4913 W
									MTD 130 W
									NVD 140 W
									NVE 2543 W
									OTH 111 W
									365 T85 219 W
									365 365 T86 293 W
NA4872	1 PSEC	ORIG. 730			SE	01JAN85			VPD 18 W PRI 114
	2 FF	REM. 730			FL	31DEC86			VPE 704 W
	3 TYP2	MS DISCH MON							LBD 95 W
	4 1283								LBE 4148 W
									MTD 30 W
									NVD 140 W
									NVE 2543 W
									OTH 53 W
									365 T85 184 W
									365 365 T86 150 W
NA4880	1 PSEC	ORIG. 146			SE	01JAN85			VPD 17 W PRI 117
	2 PP	REM. 146			FL	31JUL85			VPE 668 W

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 17

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

RUN DATE : 13JAN84

SORT ON AP

NORTH ANNA

TIME NOW DATE : 01JAN84

SEL ACT(1-2) EQU 'NA'

PROJECT START DATE : 01JAN84

PROJECT END DATE : 21NOV93

ACTIVITY IDENT.	CODES	DURATION	CAL	TAC	IMPOSED DATES TYPE	DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
	3 TYP2	FM REC LINE LEAK MOD							LBO 11 W
	4 1283								LBE 496 W
									MTD 2 W
									OTH 7 W
									T85 37 W
NA5600	1 PSEC	ORIG. 365			SE 01JAN85				VPD 17 W PRI 123
	2 PP	REM. 365			FL 31DEC85				VPE 680 W
	3 TYP2	NON BEGEN HX DRAIN SEPAR							LBO 23 W
	4 1283								LBE 1017 W
									MTD 15 W
									NVD 63 W
									NVE 1145 W
									OTH 20 W
									T85 138 W
NA4826	1 SITE	ORIG. 713			SE 01JAN84				VPD 14 W PRI 126
	2 PP	REM. 713			FL 31MAY85				VPE 540 W
	3 TYP3	BORIC ACID RED							LBO 52 W
	4 1283								LBE 2243 W
									MTD 732 W
									NVD 74 W
									NVE 1345 W
									OTH 377 W
									T84 250 W
								151 366	T85 998 W
NA4885	1 PSEC	ORIG. 31			SE 01JAN85				VPD 17 W PRI 126
	2 FF	REM. 31			FL 31JAN85				VPE 680 W
	3 TYP2	PG WATER STORAGE TANK							LBO 45 W
	4 1283								LBE 1935 W
									MTD 133 W
									NVD 45 W
									NVE 818 W
									OTH 83 W
									T85 322 W
NA4887	1 PSEC	ORIG. 577			SE 01JAN85				VPD 9 W PRI 126
	2 PP	REM. 577			FL 31JUL86				VPE 360 W
	3 TYP2	SEQ OF EVENTS RECORDER							LBO 24 W
	4 1283								LBE 1052 W
									MTD 87 W
									NVD 36 W
									NVE 655 W
									OTH 56 W
								365	T85 88 W
								365 212	T86 123 W
NA5639	1 PSEC	ORIG. 90			SE 01JAN85				VPD 3 W PRI 126

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 10

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

RUN DATE T 13JAN84

SORT ON AP

NORTH ANHIA

TIME NOW DATE : 01JAN84

SEL ACT(1-2) EQU 'NA'

PROJECT START DATE : 01JAN84

PROJECT END DATE : 21NOV93

ACTIVITY		IMPOSED DATES		*****PREDECESSORS*****		*****RESOURCES*****	
IDENT.	CODES	DURATION	CAL TAC TYPE	DATE	ACTUAL DATES	ACT. IDENT. LAG CAL TYP	LAG DUR CODE AMOUNT TY RAC
2 PP	REM.	90	FL	31MAR85		VPE	100 W
3 TYP2	UPGRADE INSTRUMENT AIR SYS.					LBD	6 W
4 1283						LBE	240 W
						MTD	18 W
						OTH	12 W
						T85	38 W
NA7009	1 PSEC	ORIG. 366	SE	01JAN84		VPD	80 W PRI 142
	2 FF	REM. 366	FL	31DEC84		VPE	3196 W
	3 TYP3	U-1 ELEC GEN GRO ARRES				LBD	36 W
	4 1283					LBE	1503 W
						MTD	71 W
						OTH	71 W
						T84	258 W
						31 EJA	9 W
						31 EFE	9 W
						59 EHR	8 W
						90 EAP	8 W
						120 EMY	10 W
						151 EJM	2 W
						181 EJM	3 W
						212 EAU	7 W
						243 ESE	8 W
						273 EOC	1 W
						304 END	1 W
						334 EDC	3 W
						151 EJM	15 W
						273 BOC	15 W
HA5611	1 PSEC	ORIG. 396	SE	01JAN85		VPD	28 W PRI 157
	2 FF	REM. 396	FL	31JAN86		VPE	1120 W
	3 TYP2	RCP SHROUD COOLER DRAIN				LBD	129 W
	4 1283					LBE	5604 W
						MTD	71 W
						NVD	155 W
						NVE	2818 W
						OTH	73 W
						365 T85	430 W
						365 31 T86	26 W
HA5614	1 PSEC	ORIG. 365	SE	01JAN85		VPD	18 W PRI 157
	2 FF	REM. 365	FL	31DEC85		VPE	720 W
	3 TYP2	CONT TEMP POWER				LBD	50 W
	4 1283					LBE	2187 W
						MTD	13 W
						NVD	56 W
						NVE	1013 W
						OTH	32 W
						T85	169 W

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 20

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

NORTH ANNA

 RUN DATE : 13JAN84
 TIME NOW DATE : 01JAN84
 PROJECT START DATE : 01JAN84
 PROJECT END DATE : 21NOV93

 SORT ON AP
 SEL ACT(1-2) EQU 'NA'

ACTIVITY IDENT.	CODES	DURATION	CAL	TAC	TYPE	DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
	2 FF	REM. 365			FL	31DEC85			VPE 560 W
	3 TYP2	WR PRESS IND							LBD 33 W
	4 1283								LBE 1413 W
									MTD 40 W
									NVD 87 W
									NVE 1582 W
									OTH 38 W
									T85 212 W
NA4906	1 PSEC	ORIG. 243			SE	01JAN85			VPD 4 W PRI 187
	2 FF	REM. 243			FL	31AUG85			VPE 156 W
	3 TYP2	VENT CHEM TANKS							LBD 8 W
	4 1283								LBE 357 W
									MTD 5 W
									NVD 20 W
									NVE 364 W
									OTH 6 W
									T85 43 W
NA5612	1 PSEC	ORIG. 516			SE	01JAN85			VPD 42 W PRI 190
	2 FF	REM. 516			FL	31MAY86			VPE 1680 W
	3 TYP2	SI BRANCH FLOW							LBD 47 W
	4 1283								LBE 2022 W
									MTD 47 W
									NVD 115 W
									NVE 2091 W
									OTH 46 W
									T85 229 W
								365 151	T86 68 W
NA7030	1 PSEC	ORIG. 577			SE	01JAN85			VPD 34 W PRI 190
	2 FF	REM. 577			FL	31JUL86			VPE 1348 W
		AUX SD POWER							LBD 26 W
	4 1283								LBE 1130 W
									MTD 6 W
									OTH 19 W
								365	T85 41 W
								365 212	T86 49 W
NA7031	1 PSEC	ORIG. 365			SE	01JAN85			VPD 45 W PRI 190
	2 FF	REM. 365			FL	31DEC85			VPE 1780 W
	3 TYP2	AUX SD TEMP							LBD 56 W
	4 1283								LBE 2448 W
									MTD 70 W
									OTH 65 W
									T85 236 W
NA7012	1 PSEC	ORIG. 881			SE	01JAN85			VPD 1260 W PRI 193
	2 FF	REM. 881			FL	31MAY87			NVD 445 W

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 21

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

SORT ON AP
SEL ACT(1-2) EQU 'NA'

NORTH ANNA

 RUN DATE : 13JAN84
 TIME NOW DATE : 01JAN84
 PROJECT START DATE : 01JAN84
 PROJECT END DATE : 21NOV93

ACTIVITY IDENT.	CODES	DURATION	CAL TAC TYPE	IMPOSED DATES DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
	3 TYP2	SEAL IMP PACK					NVE 8099 W
	4 1283						365 T85 253 W
						365 365 T86	424 W
						730 151 T87	1040 W
NA4831	1 SITE	ORIG. 274	SE	01JAN84			VPD 140 W PRI 196
	2 GG	REM. 274	FL	30SEP84			VPE 5600 W
		TRAINING CENTER					OTH 100 W
	4 1283						T84 170 W
NA4895	1 PSEC	ORIG. 485	SE	01JAN85			VPD 27 W PRI 196
	2 FF	REM. 485	FL	30APR86			VPE 1080 W
	3 TYP2	UPGRADE LAUNDRY					LBD 28 W
	4 1283						LBE 1196 W
							MTD 33 W
							NVD 101 W
							NVE 1836 W
							OTH 31 W
						365 T85	119 W
						365 120 T86	101 W
NA4900	1 PSEC	ORIG. 730	SE	01JAN85			VPD 197 W PRI 196
	2 FF	REM. 730	FL	31DEC86			VPE 7876 W
	3 TYP2	U-1 P250					OTH 912 W
	4 1283						365 T85 513 W
						365 365 T86	596 W
NA4903	1 PSEC	ORIG. 455	SE	01JAN85			VPD 15 W PRI 196
	2 FF	REM. 455	FL	31MAR86			VPE 600 W
	3 TYP2	DEMIN SUMP PUMP MOD					LBD 51 W
	4 1283						LBE 2217 W
							MTD 63 W
							NVD 81 W
							NVE 1473 W
							OTH 57 W
						365 T85	150 W
						365 90 T86	117 W
NA4905	1 PSEC	ORIG. 465	SE	01JAN85			VPD 31 W PRI 196
	2 FF	REM. 465	FL	31DEC85			VPE 1240 W
	3 TYP2	REFURB MACH SHOP					LBD 79 W
	4 1283						LBE 3422 W
							MTD 53 W
							NVD 136 W
							NVE 2473 W
							OTH 70 W
							T85 369 W
NA4908	1 PSEC	ORIG. 730	SE	01JAN85			VPD 197 W PRI 196

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 22

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

SORT ON AP

NORTH ANNA

RUN DATE : 13JAN84
TIME NOW DATE : 01JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE : 21NOV93

SEL ACT(1-2) EQU 'NA'

ACTIVITY IDENT.	CODES	DURATION	CAL TAC TYPE	IMPOSED DATES DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
	2 FF	REM. 730	FL	31DEC86			VPE 7876 W
	3 TYP2	U-2 P-250					OTH 912 W
	4 1283					365	T85 513 W
						365 365	T86 596 W
NA4910	1 PSEC	ORIG. 273	SE	01JAN85			VPD 22 W PRI 196
	2 PP	REM. 273	FL	30SEP85			VPE 876 W
	3 TYP3	SAN GAND REC					LBD 31 W
	4 1283						LBE 1352 W
							MTD 4 W
							NVD 38 W
							NVE 698 W
							OTH 18 W
							T85 113 W
NA4914	1 SITE	ORIG. 182	SE	01JAN84			MTD 301 W PRI 196
	2 GG	REM. 182	FL	30JUN84			T84 301 W
		TRAINING EQUIP					
	4 1283						
NA7010	1 SITE	ORIG. 31	SE	01JAN85			MTD 28 W PRI 196
	2 PP	REM. 31	FL	21JAN85			T85 28 W
		CONTROL BOLT TENSIONER STRESS MICROMETER					
	4 0184						
NA184FAB		ORIG.	M SE	23NOV84			PRI 201
		REM.					
		BEGIN NORTH ANNA #1 FALL MAINT. OUTAGE					
NA184RAE		ORIG.	M FL	03DEC84			PRI 201
		REM.					
		END NORTH ANNA #1 FALL MAINT. OUTAGE					
NA184RFB		ORIG.	M SE	25MAY84			PRI 201
		REM.					
		BEGIN NORTH ANNA #1 REFUELING OUTAGE					
NA184RFE		ORIG.	M FL	16JUL84			PRI 201
		REM.					
		END NORTH ANNA #1 REFUELING OUTAGE					
NA184SPB		ORIG.	M SE	30MAR84			PRI 201
		REM.					
		BEGIN NORTH ANNA #1 SPRING MAINT. OUTAGE					
NA184SPE		ORIG.	M FL	09APR84			PRI 201
		REM.					
		END NORTH ANNA #1 SPRING MAINT. OUTAGE					
NA185RFB		ORIG.	M				PRI 201

PROJECT NUCLEAR OPERATIONS

REPORT SR05 NORTH ANNA

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SEL ACT(1-2) EQU 'NA'

RUNDATE	13JAN84
TIME NOW	01JAN84
PROJECT START DATE	01JAN84
PROJECT END DATE	21NOV93

ACTIVITY IDENT.	ACTIVITY DESCRIPTION	TOTAL FLOAT	EARLY START	REM DUR
NA4878 NUREG 0612			01JAN84	152
NA5640 AUTO ACT RT		-122	01JAN84	578
NA6082 TSC			01JAN84	274
NA6118 EARLY WARNING SYSTEM			01JAN84	60
NA6153 U-1 IE EQ			01JAN84	366
NA6154 U-2 IE EQ			01JAN84	547
NA6157 NUREG 0696			01JAN84	456
NA7004B APPENDIX R			01JAN84	397
NA7004C APPENDIX R			01JAN84	366
NA4827 LOCAL EOF			01JAN84	731

LEGEND - X = DURATION, C = CRITICAL DURATION, A = ACTUAL DURATION * = TIME NOW - = FLOAT L = LATE FINISH

PROJECT NUCLEAR OPERATIONS

REPORT SR05

NORTH ANNA

RUNDATE : 13JAN84

TIME NOW DATE : 01JAN84

PROJECT START DATE : 01JAN84

PROJECT END DATE : 21NOV93

SORT ON AP

SEL ACT(1-2) EQU 'NA'

ACTIVITY IDENT.	ACTIVITY DESCRIPTION	TOTAL FLOAT	EARLY START	REM DUR	84	85	86	87	88	89
					8	8	8	8	8	8
					4	5	6	7	8	9
NA4874	CR UPG MUREG 0700	01FEB84 608			I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
NA4875	PORV MODS	90 01JAN84 366			I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
NA4237	DEMATER IRSP	01JAN85 850			I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
NA4898	RTD BYPASS FLOW IND	01JAN85 365			I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
NA5631	TURBINE ROTOR RETURB	01JAN84 182			I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
NA5635	SG BLOWDOWN IMP	-1 01JAN85 456			I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
NA6165	SF RACKS	01JAN84 397			I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
NA4902	S/G PRIM MANWAY	01JAN85 546			I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
NA4901	TRANS PIT MOD	01JAN84 425			I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
NA4985	FRESS PROJ. NITROGEN	1 01JAN84 90			I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I

LEGEND - X = DURATION, C = CRITICAL DURATION, A = ACTUAL DURATION * = TIME NOW - = FLOAT L = LATE FINISH

COMPANY VIRGINIA ELECTRIC AND POWER CO TIME SCHEDULING PROJECT BAR CHART BY MONTHS

PAGE 4

PROJECT NUCLEAR OPERATIONS

REPORT SR05 NORTH ANNA

RUNDATE
TIME NOW DATE 13JAN84
PROJECT START DATE 01JAN84
PROJECT END DATE 21NOV93

SORT ON AP

SEL ACT(1-2) EQU 'NA'

ACTIVITY IDENT.	ACTIVITY DESCRIPTION	TOTAL FLOAT	EARLY START	REH DUE	84	85	86	87	88	89
NA5604	VALVE PIT SUMP IMP	435	01JAN85		I	I	I	I	I	I
NA5606	CONT INST WELL SUMP PUMP	365	01JAN85		I	I	I	I	I	I
NA5609	U-1 FUEL TRANS DRIVE	669	01JAN85		I	I	I	I	I	I
NA5610	U-2 FUEL TRANS DRIVE	669	01JAN85		I	I	I	I	I	I
NA5647	CAPITAL BUDGET ESTIMATE	366	01JAN84		I	I	I	I	I	I
NA4004	LAKE ANNA DEMIN STUDY	1275	01JAN85		I	I	I	I	I	I
NA4995	SEC PRESS UPGR	61	01AUG85		I	I	I	I	I	I
NA7011	MOIS SEP IMP	762	01JAN84		I	I	I	I	I	I
NA7025	CORE UPGRADE	731	01JAN84		I	I	I	I	I	I
NA7029	DEEP RED DEMIN	1611	01JAN85		I	I	I	I	I	I
NA4121	RAD DEMIN WASTE SYS	273	01JAN85		I	I	I	I	I	I

LEGEND - X = DURATION, C = CRITICAL DURATION, A = ACTUAL DURATION * = TIME NOW - = FLOAT L = LATE FINISH

PROJECT NUCLEAR OPERATIONS

REPORT SR05

NORTH ANNA

TIME NOW DATE : 13JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE : 21NOV93

ACTIVITY IDENT.	ACTIVITY DESCRIPTION	TOTAL FLOAT	EARLY START	REM DUR
NA4907	AUX FEED OIL ALARM	01JAN85	243	
NA6133	RAD WASTE BLDG	01JAN84	578	
NA4909	OPS SUCTION VALVES	01JAN84	425	
NA4892	FUEL BLDG BLOCK WALLS	01JAN84	213	
NA6186	GOC-17	01JAN84	882	
NA5607	GAS STRIP COMP	01JAN85	485	
NA4870	RG 1.97	01JAN84	1096	
NA4871	MS DISCH MON	01JAN85	730	
NA4872	MS DISCH MON	01JAN85	730	
NA4880	FW REC LINE LEAK MOD	66 01JAN85	146	

LEGEND - X = DURATION, C = CRITICAL DURATION, A = ACTUAL DURATION * = TIME NOW - = FLOAT L = LATE FINISH

PROJECT NUCLEAR OPERATIONS

REPORT SR05

NORTH ANNA

RUNDATE : 13JAN84
TIME NOW DATE : 01JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE : 21NOV93

SORT ON AP
SEL ACT(1-2) EQU 'NA'

					84	85	86	87	88	89
					JJASONDJFMAJJJASONDJFMAJJJASONDJFMAJJJASONDJFMAJJJASONDJFMAJJJASONDJFMAJJJASON	UUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOE	UUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOE	UUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOE	UUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOE	UUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOE
ACTIVITY	ACTIVITY	TOTAL	EARLY	REM	84	85	86	87	88	89
IDENT.	DESCRIPTION	FLOAT	START	DUR	4	5	6	7	8	9
					I	I	I	I	I	I
NA5600	01JAN85 365				I	CCCCCCCCCCCCI	I	I	I	I
NON REGEN HX DRAIN SEPAR					I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
NA4826	-196 01JAN84 713				I	CCCCCCCCCCCCI	I	I	I	I
BORIC ACID RED					I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
NA4885	01JAN85 31				I	C	I	I	I	I
PG WATER STORAGE TANK					I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
NA4887	01JAN85 577				I	CCCCCCCCCCCCCCCC	I	I	I	I
SEQ OF EVENTS RECORDER					I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
NA5639	01JAN85 90				I	CCC	I	I	I	I
UPGRADE INSTRUMENT AIR SYS.					I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
NA7009	01JAN84 366				I	CCCCCCCCCCCCI	I	I	I	I
U-1 ELEC GEN GRD ARRES					I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
NA5611	01JAN85 396				I	CCCCCCCCCCCC	I	I	I	I
RCP SHROUD COOLER DRAIN					I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
NA5614	01JAN85 365				I	CCCCCCCCCCCCI	I	I	I	I
CONT TEMP POWER					I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
NA7026	-1 01JAN85 91				I	CCCC	I	I	I	I
H2 PURITY METER					I	I	I	I	I	I
					I	I	I	I	I	I
					I	I	I	I	I	I
NA5603	01JAN85 485				I	CCCCCCCCCCCCCCCC	I	I	I	I
SECURITY ENT WEST					I	I	I	I	I	I
					I	I	I	I	I	I

LEGEND - X = DURATION, C = CRITICAL DURATION, A = ACTUAL DURATION * = TIME NOW - = FLOAT L = LATE FINISH

COMPANY VIRGINIA ELECTRIC AND POWER CO TIME SCHEDULING PROJECT BAR CHART BY MONTHS

PROJECT NUCLEAR OPERATIONS

REPORT SR05 NORTH ANNA

9087 ON AP

SEL ACT(1-2) EQU 'NA'

RUNDATE	: 13JAN84
TIME NOW DATE	: 01JAN84
PROJECT START DATE	: 01JAN84
PROJECT END DATE	: 21NOV93

ACTIVITY IDENT.	ACTIVITY DESCRIPTION	TOTAL FLOAT	EARLY START	REM DUR
NA7014	RESP DECON REPAIR	01JAN85	455	
NA5641	REACTOR VESSEL HEAD SHIELD	01JAN85	669	
NA5613	MR PRESS IND	01JAN85	365	
NA4906	VENT CHEM TANK'S	01JAN85	243	
NA5612	SI BRANCH FLOW	01JAN85	516	
NA7030	AUX SD POWER	01JAN85	577	
NA7031	AUX SD TEMP	01JAN85	365	
NA7012	SEAL IMP PACK	01JAN85	861	
NA4831	TRAINING CENTER	01JAN84	274	
NA4895	UPGRADE LAUNDRY	01JAN85	485	

LEGEND - X = DURATION, C = CRITICAL DURATION, A = ACTUAL DURATION * = TIME NOW - = FLOAT L = LATE FINISH

REPORT SR05

NORTH ANNA

20000113 13 JAN 84

TIME NOW DATE : 01JAN84

PROJECT START DATE : 01JAN84

PROJECT END DATE : 21NOV93

LEGEND - X = DURATION, C = CRITICAL DURATION, A = ACTUAL DURATION * = TIME NOW - = FLOAT L = LATE FINISH

SURRY POWER STATION

NUCLEAR OPERATION DEPARTMENT
FIVE YEAR PLAN
(\$x1000)

Power Station Surry Unit(s) 1 & 2[illegible]

See inside front cover for legend.

NUCLEAR OPERATION DEPARTMENT
FIVE YEAR PLAN
(\$x1000)

Date 1/1/84

Power Station _____ Surry

Unit(s) 1 & 2

PROJECT DESCRIPTION								1984	1985	1986	1987	1988
PRIORITY	IR		PRIORITY	IR		PRIORITY	IR	J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D	J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D	J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D	J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D	J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
* 4805	Local Emergency Operations Facility	38	EC	3	G	G		945 (945) 15				
* 4924	Outside Recirculation Spray Pump Flow	38	EC	3	G	G		93 (93)				
* 5326	Reactor Trip Breaker	38	EC	2	G	G		122 (122) 13				
6143	Heat Tracing	41	EC	3	F	F		540 (140)				
* 4932	Power Operated Relief Valve (PORV) Mods.	44	EC	2	F	F		629 (629) 236	Engr. Complete			
* 6158	NUREG 0696	44	EC	3	G	G		7259 (6859) 1283	379 U1	U2		
0296	Automatic Control - Feedwater Bypass	72	EC	2	F	F		627				
** 5329	Boron Concentration Reduction	72	EC	2	F	F		418 (418) 237				
5337	Vital Bus Panel Addition	72	EC	2	F	F		191	316			
5327	Reactor Head Shielding	81	EC	2	F	F		37 (37) 134	132			
* 4928	Simulator Upgrade Modification Panel	84	Site	-	G	G		110 (60)				
* 5328	Training Center Fire Protection	84	EC	2	G	G		184 (184)				

See inside front cover for legend

See inside front cover for legend.

**NUCLEAR OPERATION DEPARTMENT
FIVE YEAR PLAN
(\$x1000)**

Page 3 of 5

Date 1/1/84

Power Station Surry

Unit(s) 1 & 2

OFFICE NUMBER	IR	PROJECT DESCRIPTION	PRIORITY	BAPP	TYPE TURNOVER	FUNDING SOURCE	FUNDING CLASS	1984	1985	1986	1987	1988
								JFMAMJJASONDJF	JFMAMJJASONDJF	JFMAMJJASONDJF	JFMAMJJASONDJF	JFMAMJJASONDJF
								375 (340)				
*	7035	Simulator Computer Upgrade	84	Site	-	G	G					
									2758	5128	18462	11229
**	5309	Radwaste Facilities	87	EC	2	P	P					
								2750 (2750)				
	5325	#1 Main Steam Reheater Replacement	87	EC				400 (400)				
	5338	Type II Studies	87	EC	-	-	-					
								1650 (1650)				
	7310	Capital Overhead	87	-	-	-	-					
									962	5641		
**	0179	Administration Building Addition	93	EC	2	P	P					
								1309 (680)	2916			
**	4967	Station Personnel Facility Recreation	93	EC	2	G	G					
								1225 (1225)				
**	4937	Laundry Facility	96	EC	2	G	G					
								65 (65)				
	5330	Box Compactor	96	Site	-	F	F					
								75 (75)				
	5331	Waste Shredder	96	Site	-	F	F					
								1886 (1886)	448			
*	4991	Appendix R Modifications	105	EC	3	F	F					
								928 (928)				
*	4956	Fuel Building Walls	108	EC	3	G	G					

See inside front cover for legend.

NUCLEAR OPERATION DEPARTMENT
FIVE YEAR PLAN
(\$x1000)

Date 1/1/84

Power Station Surry Unit(s) 1 & 2[illegible]

See inside front cover for legend.

NUCLEAR OPERATION DEPARTMENT
FIVE YEAR PLAN
(\$x1000)

Date 1/1/84

Power Station Surry Unit(s) 1 & 2

(X-1000)								1984	1985	1986	1987	1988
PRI.	IR	PROJECT DESCRIPTION	PRIORITY	MSP	TYPE TURNOVER	FACILITY	STATUS	JFMAMJJASONDJF	JFMAMJJASONDJF	JFMAMJJASONDJF	JFMAMJJASONDJF	JFMAMJJASONDJF
	4998	Loose Parts Monitoring	172	EC	3	F	F		92			
*	4968	Transformer Fire Protection	178	EC	2	F	F		310	71		
* 4815		Steam Generator Reference Leg Heat-Up	184	EC	2	F	F		137	76		
* 4819		Communications Audibility	184	EC	2	F	F		918	2022	1081	
	4944	Pathon Snubber Replacement	187	EC	2	F	F		821	266		
	4955	Containment Radiation Monitor	190	EC	2	F	F		445	94		
	4855	Auxiliary Boiler Mods.	193	EC	2	G	G		69			
	7034	Hogger Upgrade	193	EC	2	F	F		238			
** 5301		Recreation Facility	196	EC	2	G	G		125			
TOTAL								40682 (19179)	24831	20427	24080	11335

See inside front cover for legend.

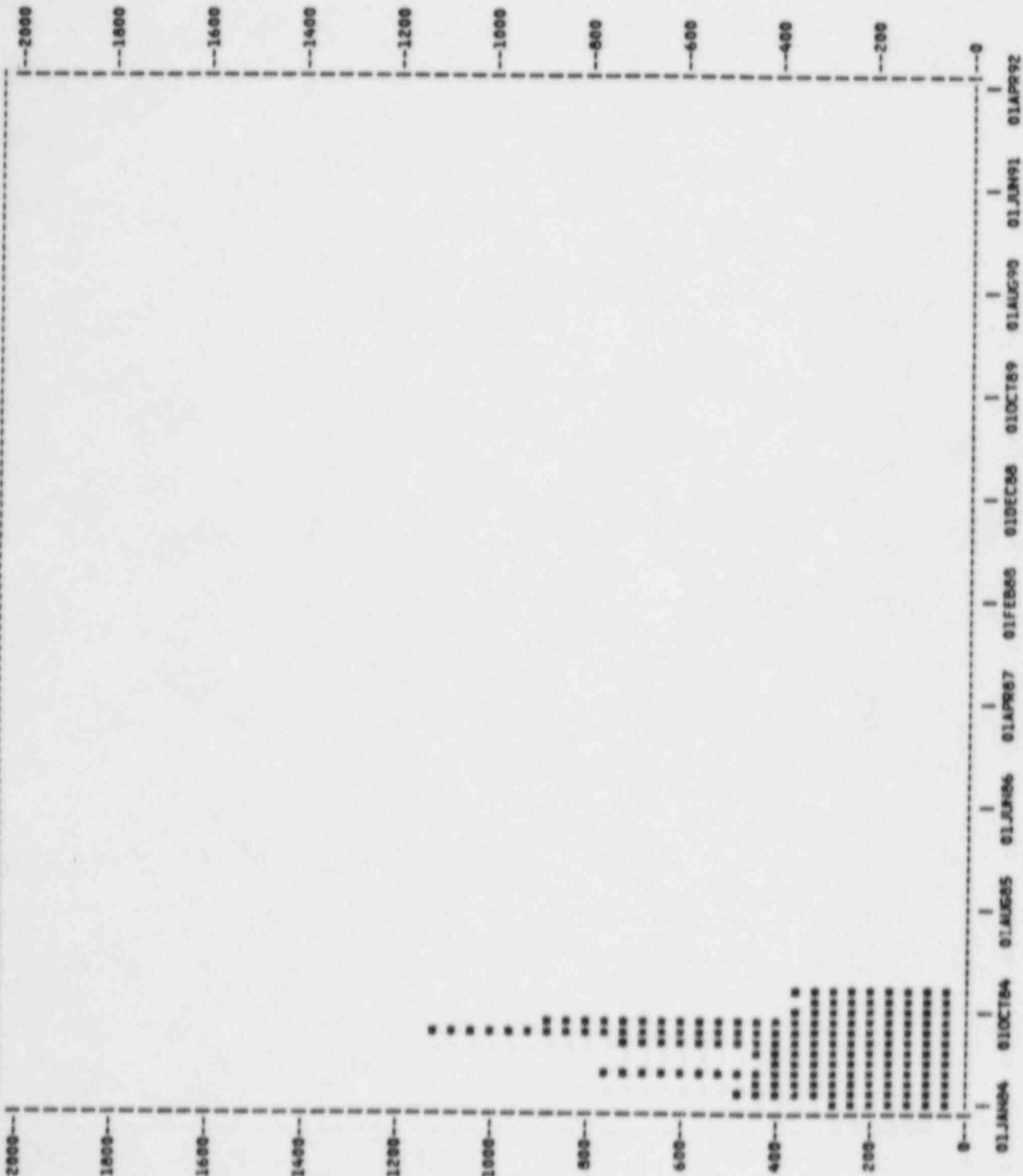
COMPANY: VIRGINIA ELECTRIC AND POWER CO

PROJECT: NUCLEAR OPERATIONS

TIME SCHEDULING HISTOGRAM
BASED ON EARLY START

RESOURCE CODE: C//
REPORT SR15

SURRY
CONSTRUCTION
LABOR
DOLLARS
(\$ X 1000)
RUN DATE : 13JAN84
TIME NOW DATE : 01JAN84
PROJECT START DATE: 01JAN84
PROJECT END DATE : 21NOV93



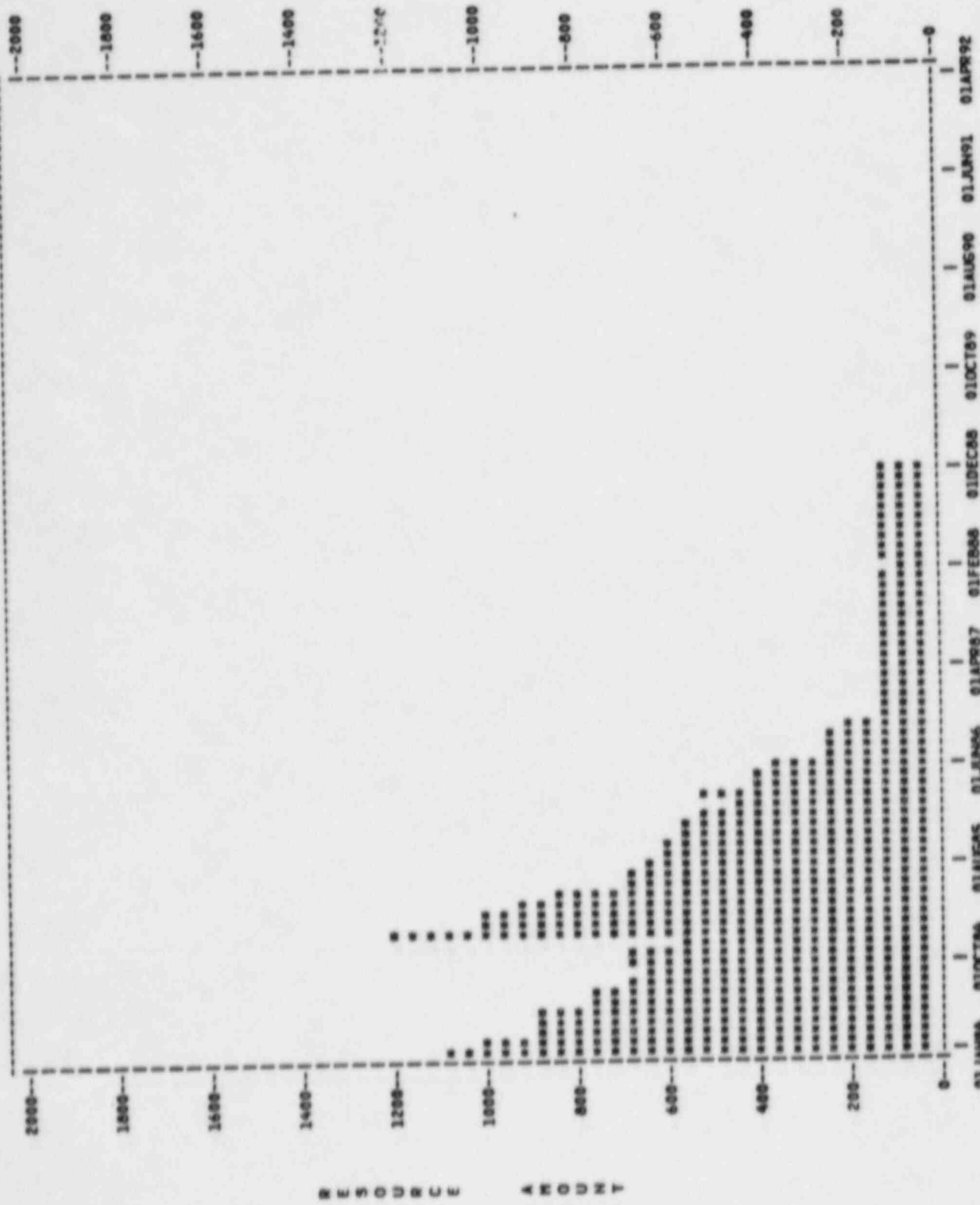
COMPANY: VIRGINIA ELECTRIC AND POWER CO

PROJECT: NUCLEAR OPERATIONS

TIME SCHEDULING HISTOGRAM
BASED ON EARLY START

RESOURCE CODE: MTD
REPORT S015

SURRY
MATERIAL
DOLLARS
(% X 1000)
RUN DATE : 13JAN84
TIME NOW DATE : 01JAN84
PROJECT START DATE: 01JAN84
PROJECT END DATE : 21NOV93



COMPANY: VIRGINIA ELECTRIC AND POWER CO

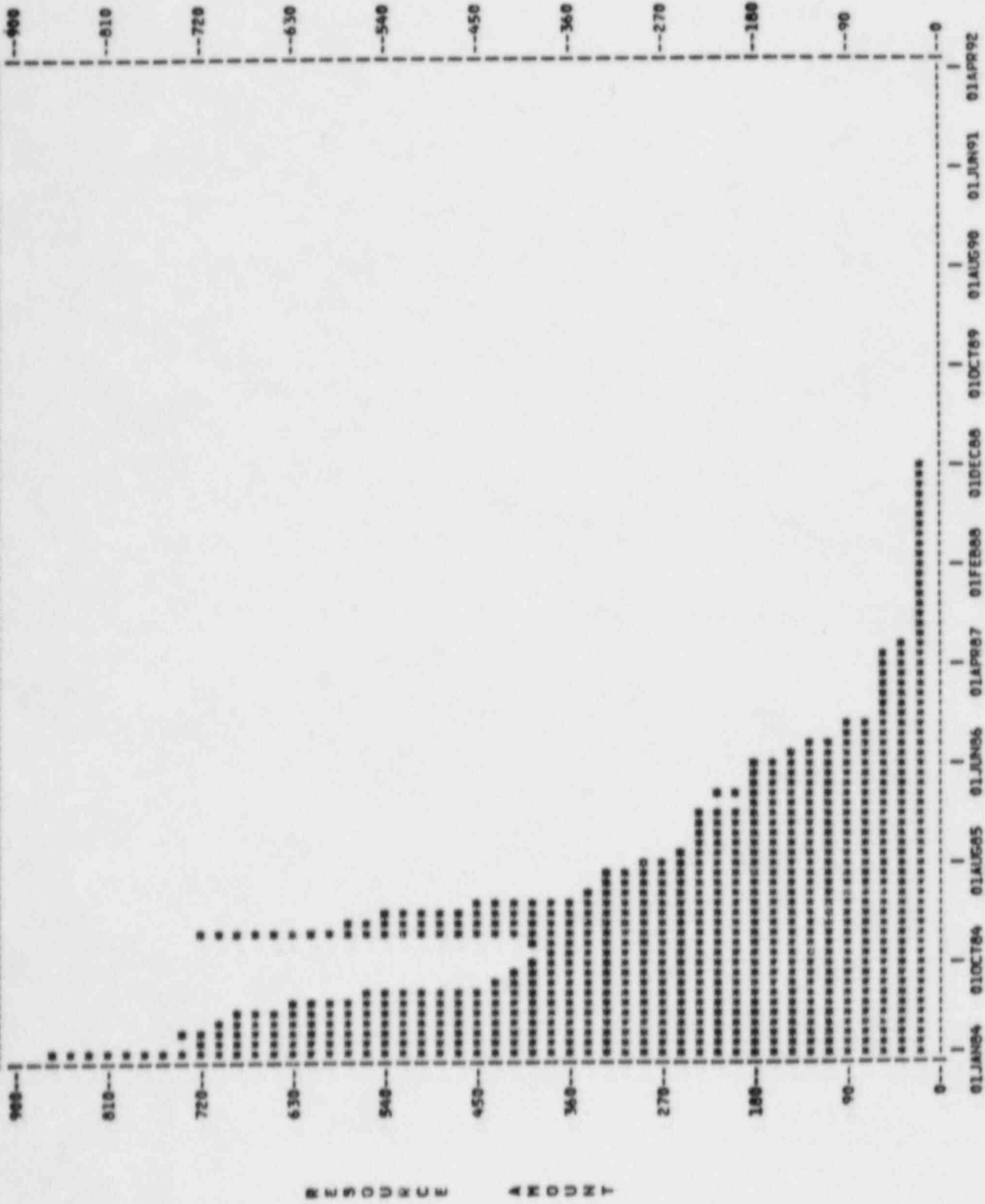
PROJECT: NUCLEAR OPERATIONS

TIME SCHEDULING HISTOGRAM
BASED ON EARLY START

RESOURCE CODE: OTH
REPORT SM15

SURRY
OVERHEAD
DOLLARS
(\$ X 1000)

RUN DATE : 13JAN84
TIME NOM DATE : 01JAN84
PROJECT START DATE: 01JAN84
PROJECT END DATE : 21NOV93



COMPANY: VIRGINIA ELECTRIC AND POWER CO

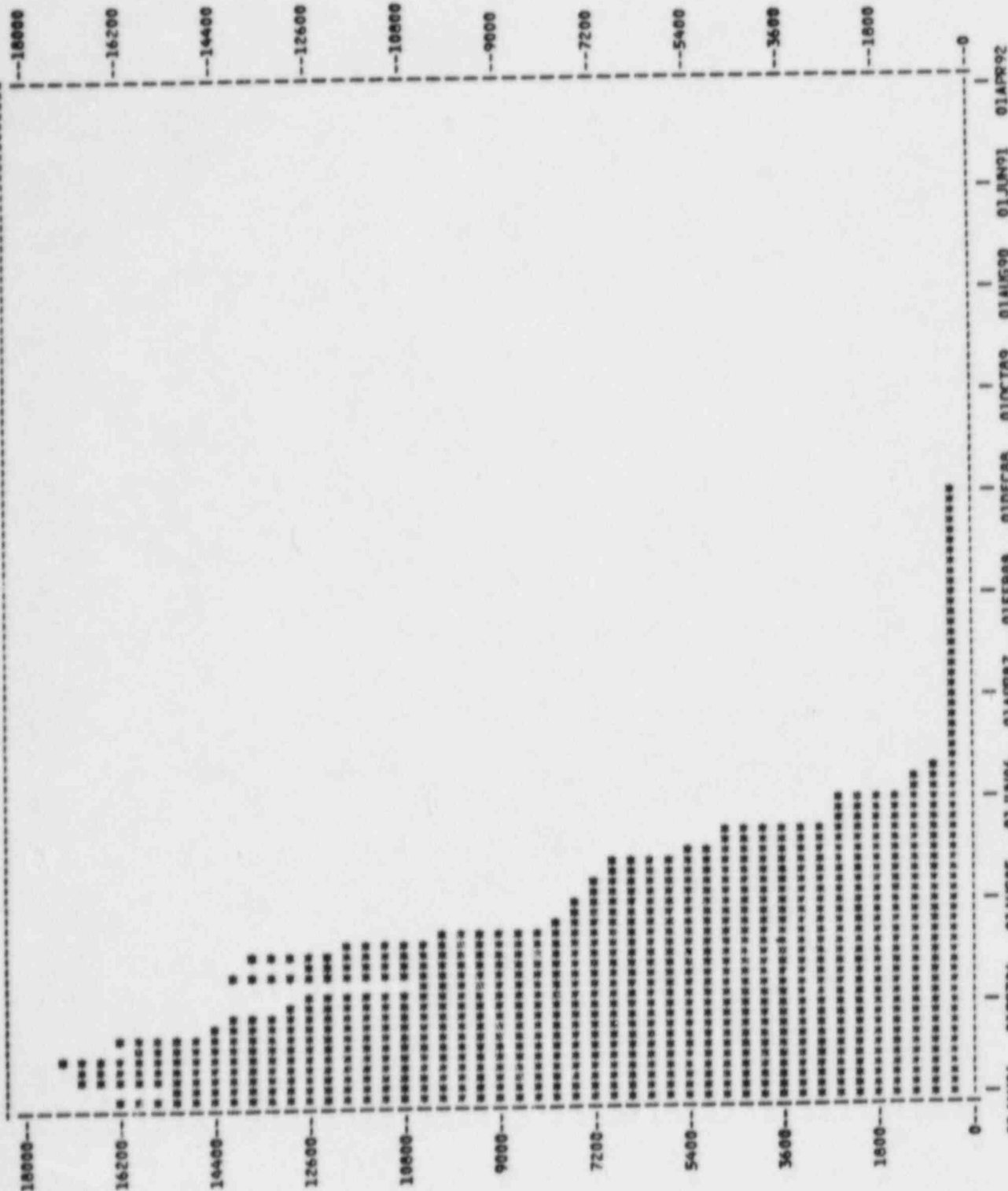
PROJECT: NUCLEAR OPERATIONS

TIME SCHEDULING HISTOGRAM
BASED ON EARLY START

RESOURCE CODE: LBE
REPORT SP15

SURRY
DIRECT
LABOR
MANHOURS

RUN DATE : 13JAN04
TIME NOW DATE : 01JAN04
PROJECT START DATE: 01JAN04
PROJECT END DATE : 21NOV93



PROJECT: NUCLEAR OPERATIONS

REPORT 5009 SPECIAL

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RUN DATE           : 10JAN84
TIME NOW DATE      : 01JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE   : 31DEC83

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SORT ON AP

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SEL ACT(1-2) EQU 'SR'
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SURRY POTENTIAL CAPITAL PROJECTS

ACTIVITY IDENT.	CODES	DURATION	CAL TAC TYPE	IMPOSED DATES		*****PREDECESSORS*****		*****RESOURCES*****					
				DATE	ACTUAL DATES	ACT. IDENT.	LAG CAL TYP	LAG	DUR	CODE	AMOUNT	TY	PAC
SR923	1 PSEC	ORIG. REM. ISI EQUIP							T85	360	W	PRI	28
	4 1283												
SR4931	1 PSEC	ORIG. REM. NUREG 0612							T85	130	W	PRI	28
	4 1283												
SR7048	1 PSEC	ORIG. REM. FEEDWATER HEATER REPL							T85	1050	W	PRI	87
	4 1283												
SR4938	1 PSEC	ORIG. REM. CHG PUMP VALVES							T85	282	W	PRI	117
	4 1283												
SR4289	1 PSEC	ORIG. REM. RAD COUNT RM UPRGR							T85	150	W	PRI	120
	4 1283												
SR4977	1 PSEC	ORIG. REM. CORE UPGRATING MODS							T85	548	W	PRI	163
	4 1283												
SR7039	1 PSEC	ORIG. REM. SECONDARY PLANT IMP							T85	53	W	PRI	163
	4 1283												
SR4302	1 PSEC	ORIG. REM. RV STUD TOOL							T85	53	W	PRI	181
	4 1283												
SR7036	1 PSEC	ORIG. REM. DIESEL SEQUENCING							T85	105	W	PRI	184
	4 1283												
SR4185	1 PSEC	ORIG. REM.							T85	42	W	PRI	187

PROJECT: NUCLEAR OPERATIONS

REPORT SR09 SPECIAL

RUN DATE : 18JAN84
TIME NOW DATE : 01JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE : 31DEC83

SHORT ON AP
SEL ACT(1-2) EQU 'SR'

SURRY POTENTIAL CAPITAL PROJECTS

ACTIVITY IDENT.	CODES	DURATION	CAL TAC TYPE	IMPOSED DATES		ACT. DATES	*****PREDECESSORS*****						*****RESOURCES*****					
				DATE	DATE		ACT. IDENT.	LAG	CAL TYP	LAG	DUR	CODE	AMOUNT	TY	RAC			
CONT E.Q. EQUIP																		
SR4960	4 1283	1 PSEC	ORIG. REM. VALVE GRINDER											T85	74	M	PRI 187	
SR4965	4 1283	1 PSEC	ORIG. REM. MS & FW CATION COND SYS											T85	76	M	PRI 190	
SR4818	4 1283	1 PSEC	ORIG. REM. TRAINING BLDG EXPAN											T85	400	M	PRI 196	
SR4952	4 1283	1 PSEC	ORIG. REM. PORTAL MONITOR											T85	74	M	PRI 196	
SR4953	4 1283	1 PSEC	ORIG. REM. CONTAM WASH MONITOR											T85	47	M	PRI 196	
SR4964	4 1283	1 PSEC	ORIG. REM. HOT LAB RENOVATION											T85	58	M	PRI 196	
SR4813	4 1283	1 PSEC	ORIG. REM. PANDOSONIC TLD READER											T85	116	M	PRI 201	
SR5303	4 1283	1 PSEC	ORIG. REM. 1 & 2 CHG PUMP COOL SM STRAINER											T85	58	M	PRI 201	
SR5305	4 1283	1 PSEC	ORIG. REM. 1 & 2 SG PRIM MAINWAY HAND DEVICE											T85	294	M	PRI 201	
SR5317	4 1283	1 PSEC	ORIG.											T85	7	M	PRI 201	

MASTERFILE INPUT DATA LISTING

COMPANY: VIRGINIA ELECTRIC AND POWER CO

PROJECT: NUCLEAR OPERATIONS

RUN DATE : 18JAN84
TIME NOW DATE : 01JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE : 31DEC83

REPORT SR09 SPECIAL

SORT ON AP
SEL ACT11-2) EQU 'SR'

SURRY POTENTIAL CAPITAL PROJECTS

ACTIVITY IDENT. DURATION CAL TAC TYPE DATE ACTUAL DATES ACT. IDENT. LAG CAL TYP LAG DUR CODE AMOUNT TY RAC

*****PREDECESSORS*****
*****RESOURCES*****

REM.
MAIN STEAM SAMP

4 1283

LEGEND-COMPUTER CODED TERMS

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 3

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

SORT ON AP

SEL ACT(1-2) EQU 'SR'

RUN DATE : 04JAN84
TIME NOW DATE : 01JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE : 21NOV93

ACTIVITY IDENT.	CODES	DURATION	CAL	TAC	TYPE	IMPOSED DATES DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
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Improvement Requisition Number

Date of Latest Data Entry

Type of Turnover

Budget & Schedule Confidence Factors

Organization Responsible for Project

Project Description

Early Start Date

Late Finish Date

Project Priority Number

Surry

SR6131

1 PSEC ORIG. 730
2 GG REM. 730
3 TYP3 GOC - 17
4 1283

SE 01JAN84
FL 31DEC85

VPD 1011 M
LBO 1016 M
LBE 36271 M
MTD 797 M
NVD 215 M
NVE 3909 M
OTH 591 M
T84 2561 M
T85 1068 M

MT 35

Total Cost for each Year (\$x1000)

VPD-Vepco Engr. Dollars (\$x1000)
VPE-Vepco Engr. Manhours
LBO-Const. Labor Dollars (\$x1000)
LBE-Const. Labor Manhours
MTD-Material Dollars (\$x1000)
NVD-A/E Engr. Dollars (\$x1000)
NVE-A/E Engr. Manhours
OTH-Overhead Dollars (\$x1000)

Engr. Dollars for each Month of 1984 (\$x1000)

31	31	EJA	9	M
59	31	EFE	8	M
90	31	EMR	8	M
120	31	EAP	9	M
151	31	EMY	5	M
181	31	EJN	6	M
212	31	EJL	10	M
243	31	EAU	13	M
273	31	ESE	18	M
304	31	EOC	12	M
334	31	END	13	M
	31	EDC	18	M
31	28	CJA	21	M
59	31	CFE	105	M
90	31	CMR	105	M
120	31	CAP	133	M
151	31	CHY	75	M
181	31	CJN	75	M
212	31	CJL	75	M
243	31	CAU	217	M
273	31	CSE	130	M
304	31	COC	34	M
334	31	CHO	23	M
	31	CDC	23	M

Constr. Dollars for each Month of 1984 (\$x1000)

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 1

PROJECT: NUCLEAR OPERATIONS

REPORT SP09

RUN DATE

13JAN84

SOOT ON AP

SEL ACT(1-2) EQU 'SR'

SURRY

TIME NOW DATE

01JAN84

PROJECT START DATE

01JAN84

PROJECT END DATE

21NOV93

ACTIVITY

IMPOSED DATES

ACTUAL DATES

*****PREDECESSORS*****
ACT. IDENT. LAG CAL TYP LAG DUR CODE AMOUNT TY RAC

SP0097

1 PSEC ORIG. 1826 SE 01JAN84
2 GG REM. 1826 FL 31DEC88
3 TYP3 SPENT FUEL STORAGE FAC
4 1283

PROI 2

VPD 1430 M

LBO 767 M

LBE 27393 M

MTD 7944 M

NVD 1668 M

NVE 30327 M

OTH 2781 M

T64 2532 M

366 365 T65 4512 M

731 365 T66 2826 M

1096 365 T67 2614 M

1461 365 T68 106 M

31 EJA 26 M

31 28 EFE 20 M

59 31 EMP 21 M

90 30 EAP 27 M

120 31 EMT 33 M

151 30 EJA 31 M

181 31 EJA 50 M

212 31 EAU 53 M

243 30 ESE 53 M

273 31 EOC 53 M

304 30 EMD 53 M

334 31 EDC 55 M

181 31 CJL 76 M

212 31 CAU 42 M

243 30 CSE 26 M

273 31 COC 2 M

SP0201

1 PSEC ORIG. 335 SE 01JAN84
2 GG REM. 335 FL 30NOV84
3 TYP3 SPENT FUEL HANDLING SYS MCO
4 1283

PROI 14

VPD 40 M

VPE 1600 M

LBO 680 M

LBE 24286 M

MTD 147 M

NVD 43 M

NVE 782 M

OTH 282 M

T64 1143 M

31 EJA 6 M

31 28 EFE 7 M

59 31 EMP 7 M

90 30 EAP 5 M

120 31 EMT 2 M

151 30 EJA 2 M

181 31 EJA 2 M

212 31 EAU 3 M

243 30 ESE 2 M

PROJECT: NUCLEAR OPERATIONS

WE POST 9209

ET INC 1500'S

Abstract

SEL ACT(1-2) EQU "90"

RUN DATE	:	13JAN04
TIME NOW	:	01JAN04
PROJECT START DATE	:	01JAN04
PROJECT END DATE	:	21NOV93

ACTIVITY IDENT.	CODES	DURATION	CAL TAC TYPE	DATE	IMPOSED DATES	ACTUAL DATES	ACT. IDENT.	LAG CAL TYP	*****PREDECESSORS*****	*****RESOURCES*****
SP0100	1 SITE 2 GG 4 1283	ORIG. 366 REM. 366 BLANKET IMPROVEMENTS	SE 01JAN04 FL 31DEC04							
SP5323	1 SITE 2 GG 4 1283	ORIG. 31 REM. 31 81 LP TURB MOTO REFURS	SE 01MAR04 FL 31MAR04							
SP4003	1 PSEC 2 GG 3 TYP2 4 1283	ORIG. 91 REM. 91 CH PUMP SW PUMP RELOC	SE 01JAN04 FL 31MAR04							
SP6004	1 PSEC 2 GG 3 TYP3 4 1283	ORIG. 273 REM. 273 TSC	SE 01JAN04 FL 30SEP04							

MASTERFILE INPUT DATA LISTING

COMPANY: VTDISTINTA ELECTRIC AND POWER CO

SUBJECT: NUCLEAR OPERATIONS

THE POWER

1000

95%L AC²(1-2) ECU = 99%

1559

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RUN DATE      : 13JAN64
              :
              : NOW DATE      : 01JAN64
PROJECT START DATE : 01JAN64
PROJECT END DATE   : 21NOV93

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ACTIVITY	COMPAN	MIGRATION	CAL TAC	DATE	IMPOSED DATES
TENANT	ID	TYPE	TYPE	DATE	ACTUAL DATES
*****PREDECESSORS*****					
ACT. IDENT.	LAG	CAL	TYP	LAG	DOR CODE AMOUNT TY RAC
*****RESOURCES*****					

212	31	EAU	3	M
243	30	ESC	3	M
	31	CJA	47	M
31	20	CFE	47	M
59	31	CMO	47	M
90	30	CAP	47	M
120	31	CMY	50	M
151	30	CJN	47	M
161	31	CJL	47	M
212	31	CJG	47	M
243	30	CSE	47	M

35
2071SE 01JAN04
FL 31DEC05

1	PS2C	OW16.	731
2	G6	REM.	731
3	TYP3	GDC -	17
4	1283		

151405

	366	365	364
	31	28	31
	31	31	28
	59	30	30
	90	31	31
	120	30	31
	151	30	30
	181	31	31
	212	31	31
	243	30	30
	273	31	31
	304	30	30
	334	31	31
		31	31
	31	28	31
	59	31	31
	90	30	30
	120	31	31
	151	30	30
	181	31	31
	212	31	31
	243	30	30
	273	31	31
	304	30	30
	334	31	31

DOI 10.1002/for

1 PSEC	ORIG.	90	SE 01JAN84
2 GG	REN.	90	FL 31MAR84
3 TYPE	POST ACC SAMPLING SYSTEM		

526142

VPEO

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

SURRY

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RUN DATE          : 13JAN84
TIME NOW DATE     : 01JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE  : 21NOV93

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SORT ON AP
SEL ACT(1-2) EQU 'SR'
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ACTIVITY IDENT.	CODES	DURATION	CAL TAC TYPE	DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
							120 31 EMY 16 W
							151 30 EJN 16 W
							181 31 EJL 16 W
							212 31 EAU 16 W
							243 30 ESE 16 W
							273 31 EOC 16 W
							304 30 ENO 16 W
							334 31 EDC 15 W
							31 28 CFE 46 W
							59 31 CHR 47 W
							90 30 CAP 185 W
							212 31 CAU 334 W
							243 30 CSE 324 W
SR6156	1 PSEC	ORIG. 517	SE	01JAN84			VPD 247 W
	2 GG	REM. 517	FL	31MAY85			VPE 9860 W
	3 TYP3	E.Q. CLASS IE U-2					LBD 918 W
	4 1283						LBE 32786 W
							MTD 1339 W
							NVD 525 W
							NVE 9545 W
							OTH 407 W
						366	T84 1500 W
						366 151	T85 1936 W
						31	EJA 15 W
						31	28 EFE 15 W
						59	31 EFR 15 W
						90	30 EAP 16 W
						120	31 EMY 18 W
						151	30 EJN 16 W
						181	31 EJL 16 W
						212	31 EAU 16 W
						243	30 ESE 16 W
						273	31 EOC 16 W
						304	30 ENO 16 W
						334	31 EDC 15 W
						31	28 CFE 46 W
						59	31 CHR 49 W
						90	30 CAP 103 W
						273	31 COC 88 W
SR6164	1 PSEC	ORIG. 91	SE	01JAN84			VPD 17 W
	2 GG	REM. 91	FL	31MAR84			VPE 660 W
	3 TYP3	CONTROL RM HAB					NVD 5 W
	4 1283						NVE 91 W
							OTH 6 W
							T84 28 W
						31	EJA 6 W
						31	28 EFE 6 W

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

RUN DATE : 13JAN84

SORT ON AP

SURRY

TIME NOW DATE : 01JAN84

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SEL ACT(1-2) EQU 'SR'
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PROJECT START DATE : 01JAN84

PROJECT END DATE : 21NOV93

ACTIVITY IDENT.	CODES	DURATION	CAL TAC TYPE	IMPOSED DATES DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
SR4805	1 PSEC 2 GG 3 TYP3 4 1283	ORIG. 397 REM. 397 LOCAL EMERGENCY OPERATIONS FACILITY	SE FL	01JAN84 31JAN85			59 31 EMR 6 W VPD 35 W VPE 1400 W LBD 221 W LBE 7893 W MTD 334 W NVD 168 W NVE 3055 W OTH 202 W 366 T84 945 W 366 31 T85 15 W 31 31 EJA 3 W 31 28 EFE 3 W 59 31 EMR 3 W 90 30 EAP 3 W 120 31 EMY 3 W 151 30 EJN 3 W 181 31 EJL 2 W 212 31 EAU 2 W 243 30 ESE 2 W 273 31 EOC 2 W 304 30 ENO 2 W 334 31 EDC 2 W 212 31 CAU 14 W 243 30 CSE 33 W 273 31 COC 36 W 304 30 CNO 105 W 334 31 CDC 33 W VPD 4 W VPE 172 W LBD 70 W LBE 2500 W NVD 13 W NVE 236 W OTH 6 W T84 93 W 31 31 EMR 1 W 31 30 EAP 3 W 61 31 EMY 1 W 31 30 CAP 70 W VPD 8 W VPE 316 W LBD 9 W LBE 336 W MTD 59 W NVD 45 W
SR4924	1 PSEC 2 GG 3 TYP3 4 1283	ORIG. 92 REM. 92 ORS PUMP FLOW	SE FL	01MAR84 31MAY84			PRI 38
SR5326	1 PSEC 2 GG 3 TYP2 4 1283	ORIG. 517 REM. 517 REACTOR TRIP BREAKER	SE FL	01JAN84 31MAY85			PRI 38

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT TA LISTING

PAGE 7

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

SORT ON AP

SEL ACT(1-2) EQU 'SR'

SURRY

RUN DATE : 13JAN84

TIME NOW DATE : 01JAN84

PROJECT START DATE : 01JAN84

PROJECT END DATE : 21NOV93

ACTIVITY		IMPOSED DATES		*****PREDECESSORS*****		*****RESOURCES*****						
IDENT.	CODES	DURATION	CAL TAC TYPE	DATE	ACTUAL DATES	ACT. IDENT.	LAG	DUR	CODE	AMOUNT	TY	RAC
									NVE	816	W	
									OTH	14	W	
						366			T84	122	W	
						366	151		T85	13	W	
							31		EJA	1	W	
							31	28	EFE	1	W	
							59	31	EMR	1	W	
							90	30	EAP	1	W	
							120	31	EMY	1	W	
							151	30	EJN	2	W	
							181	31	EJL	1	W	
							212	31	EAU	1	W	
							273	31	EOC	1	W	
							304	30	ENO	1	W	
							273	31	COC	5	W	
SR6143	1 PSEC	ORIG. 366	SE	01JAN84					VPD	49	W	PRI 41
	2 FF	REM. 366	FL	31DEC84					VPE	1948	W	
	3 TYP3	HEAT TRACING							NVD	91	W	
	4 1283								NVE	1658	W	
									T84	140	W	
							31		EJA	4	W	
							31	28	EFE	4	W	
							59	31	EMR	4	W	
							90	30	EAP	4	W	
							120	31	EMY	4	W	
							151	30	EJN	4	W	
							181	31	EJL	4	W	
							212	31	EAU	4	W	
							243	30	ESE	4	W	
							273	31	EOC	4	W	
							304	30	ENO	4	W	
							334	31	EDC	5	W	
SR4932	1 PSEC	ORIG. 912	SE	01JAN84					VPD	147	W	PRI 44
	2 FF	REM. 912	FL	31DEC85					VPE	5880	W	
	3 TYP2	PORV MODS							LBD	64	W	
	4 1283								LBE	2286	W	
									MTD	60	W	
									NVD	500	W	
									NVE	9091	W	
									OTH	94	W	
							366		T84	629	W	
							366	365	T85	236	W	
							31		EJA	3	W	
							31	28	EFE	3	W	
							59	31	EMR	3	W	
							90	30	EAP	4	W	
							120	31	EMY	3	W	

PAGE 8

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RUN DATE           : 13JAN84
TIME NOW DATE      : 01JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE   : 21NOV93

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SURRY

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SEL ACT(1-2) EQU 'SR'
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ACTIVITY		IMPOSED DATES				*****PREDECESSORS*****			*****RESOURCES*****								
IDENT.	CODES	DURATION	CAL	TAC	TYPE	DATE	ACTUAL DATES	ACT. IDENT.	LAG	CAL	TY	LAG	DUR	CODE	AMOUNT	TY	RAC

151	30	EJN	9	W
181	31	EJL	20	W
212	31	EAU	13	W
243	30	ESE	10	W
273	31	EOC	6	W
304	30	EHO	6	W
334	31	EDC	5	W
212	31	CAU	16	W
243	30	CSE	16	W

SR6158	1 PSEC	ORIG. 912	SE 01JAN84
	2 GG	REM. 912	FL 30JUN86
	3 TYP3	NUREG 0696	
	4 1283		

VPD 746 W PRI 44

VPE	29840	W
LBD	896	W
LBE	32000	W
MTD	4469	W
NVD	1348	W
NVE	24509	W
OTH	1112	W

	366	T84	6859	W
366	365	T85	1283	W
		T86	379	W
	31	EJA	24	W
31	28	EFE	24	W
59	31	EMR	25	W
90	30	EAP	27	W
120	31	EMY	24	W
151	30	EJN	24	W
181	31	EJL	26	W
212	31	EAU	26	W
243	30	ESE	22	W
273	31	EOC	19	W
304	30	ENO	19	W
334	31	EDC	19	W
	31	CJA	19	W
31	28	CFE	53	W
59	31	CMR	56	W
90	30	CAP	33	W
120	31	CHY	75	W
151	30	CJN	107	W
181	31	CJL	126	W
212	31	CAU	70	W
243	30	CSE	38	W
273	31	COC	38	W
304	30	CNO	3	W

```

SR0296 1 PSEC ORIG. 304 SE 01JAN85
        2 FF REM. 304 FL 31OCT85
        3 TYP2 AUTO CONTROL - FW BYPASS
        4 1283

```

VFD	43	W	PRI	72
VPE	1720	W		
LBD	40	W		
LBE	1432	W		

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

SURRY

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RUN DATE           : 13JAN84
TIME NOW DATE      : 01JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE   : 21NOV93

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SORT ON AP
SEL ACT(1-2) EQU 'SR'
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ACTIVITY			IMPOSED DATES			*****PREDECESSORS*****			*****RESOURCES*****								
IDENT.	CODES	DURATION	CAL	TAC	TYPE	DATE	ACTUAL DATES	ACT. IDENT.	LAG	CAL	TYP	LAG	DUR	CODE	AMOUNT	TY	RAC

HTD	364	W
NVD	96	W
NVE	1736	W
OTH	85	W
T05	627	W

```
SR5329      1 PSEC      ORIG. 547      SE 01JAN84
              2 FF      REM. 547      FL 30JUN85
              3 TYP2     BORON CONCENTRATION REDUCTION
              4 1283
```

VPD	77	W	PRI	72
VPE	3096	W		
LBD	308	W		
LBE	11000	W		
MTD	35	W		
NVD	89	W		
NVE	1618	W		
OTH	146	W		
T84	418	W		
T85	237	W		
EJA	12	W		
EFE	12	W		
EMR	8	W		
EAP	9	W		
EMY	7	W		
EJN	5	W		
EJL	4	W		
EAU	10	W		
CAU	154	W		
ESE	4	W		
EOC	7	W		
ENO	1	W		

```
SR5337      1 PSEC      ORIG. 669      SE 01JAN85
              2 FF       REM. 669      FL 31OCT86
              3 TYP2     VITAL BUS PANEL ADD
              4 1283
```

VPO	40	W	PRI 72
VPE	1584	W	
LBD	87	W	
LBE	3093	W	
MTD	109	W	
NVD	190	W	
NVE	3455	W	
OTH	102	W	
T85	191	W	
T86	316	W	

SR5327 1 PSEC ORIG. 759 SE 01FEB84
 2 FF REM. 759 FL 28FEB86
 3 TYP2 REACTOR HEAD SHIELDING
 4 1283

VPO	12	W	PRI 81
VPE	480	W	
LBO	46	W	
LBE	1643	W	
MTD	176	W	
HVD	30	W	
NVE	542	W	
OTH	39	W	
335 T84	37	W	

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 10

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

RUN DATE : 13JAN84

TIME NOW DATE : 01JAN84

PROJECT START DATE : 01JAN84

PROJECT END DATE : 21NOV93

SORT ON AP

SURRY

SEL ACT(1-2) EQU 'SR'

ACTIVITY IDENT.	CODES	DURATION	CAL	TAC	TYPE	IMPOSED DATES DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
									335 365 T85 134 W
									700 59 T86 132 W
									28 EFE 1 W
								28 31 EHR 1 W	
								59 30 EAP 1 W	
								120 30 EJA 1 W	
								181 31 EAU 1 W	
SR4928	1 SITE	ORIG. 212				SE 01JAN84			VPD 10 W PRI 84
	2 GG	REM. 212				FL 31JUL84			VPE 3920 W
	3 TYP2	SIM UPGRADE MOD PAN							LBD 4 W
	4 1283								LBE 129 W
									MTD 36 W
									OTH 10 W
									T84 60 W
									31 EJA 2 W
								31 28 EFE 2 W	
								151 30 EJA 3 W	
								181 31 EJA 3 W	
								151 30 CJA 4 W	
SR5328	1 PSEC	ORIG. 365				SE 01JAN84			VPD 7 W PRI 84
	2 GG	REM. 365				FL 31DEC84			VPE 280 W
	3 TYP2	TRAINING CENTER FIRE PROTECTION							LBD 60 W
	4 1283								LBE 2149 W
									MTD 36 W
									NVD 43 W
									NVE 782 W
									OTH 38 W
									T84 184 W
									31 EJA 1 W
								31 28 EFE 1 W	
								59 31 EHR 1 W	
								90 30 EAP 1 W	
								120 31 EHY 1 W	
								151 30 EJA 1 W	
								181 31 EJA 1 W	
								212 31 EAU 1 W	
								243 30 ESE 1 W	
								273 31 EOC 1 W	
								304 30 ENO 1 W	
								334 31 EOC 1 W	
								212 31 CAU 45 W	
								243 30 CSE 15 W	
SR7035	1 SITE	ORIG. 152				SE 01JAN84			T84 340 W PRI 84
	2 GG	REM. 152				FL 31MAY84			
	4 1283	SIM COMP UPGR							

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 11

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

SURREY

 RUN DATE : 13JAN84
 TIME NOW DATE : 01JAN84
 PROJECT START DATE : 01JAN84
 PROJECT END DATE : 21NOV93

SORT ON AP

SEL ACT(1-2) EQU 'SR'

ACTIVITY IDENT.	CODES	DURATION	CAL	TAC	TYPE	IMPOSED DATES DATE	ACTUAL DATES	*****PREDECESSORS*****				*****RESOURCES*****						
								ACT. IDENT.	LAG	CAL	TYP	LAG	DUR	CODE	AMOUNT	TY	RAC	
SR5309	1 PSEC	ORIG. 1460			SE	01JAN85							365	T85	2750	W	PRI 87	
	2 PP	REM. 1460			FL	31DEC88							365	365	T86	5128	W	
	3 TYP2	RADWASTE FACILITIES											730	365	T87	18462	W	
	4 1283												1095	365	T88	11229	W	
SR5325	1 PSEC	ORIG. 243			SE	01FEB84									T84	2750	W	PRI 87
	2 GG	REM. 243			FL	30SEP84												
		#1 MSR REPL																
	4 1283																	
SR5338	1 PSEC	ORIG. 366			SE	01JAN84									VPD	400	W	PRI 87
		REM. 366			FL	31DEC84									VPE	1600	W	
		TYPE II STUDIES													T84	400	W	
	4 1283													31	EJA	33	W	
													31	28	EFE	36	W	
													59	31	EMR	36	W	
													90	30	EAP	36	W	
													120	31	EMY	33	W	
													151	30	EJN	33	W	
													181	31	EJL	33	W	
													212	31	EAU	33	W	
													243	30	ESE	33	W	
													273	31	EOC	33	W	
													304	30	ENO	33	W	
													334	31	EOC	33	W	
													90	30	CAP	50	W	
													120	31	CHY	50	W	
													151	30	CJN	50	W	
SR7310		ORIG. 366			SE	01JAN84									OTH	1650	W	PRI 87
		REM. 366			FL	31DEC84									T84	1650	W	
		CAPITAL OVERHEAD																
SR0179	1 PSEC	ORIG. 669			SE	01JAN85									VPD	95	W	PRI 93
	2 PP	REM. 669			FL	31OCT86									VPE	3780	W	
	3 TYP2	ADMIN BLDG ADD													LBD	2968	W	
	4 1283														MTD	1562	W	
															NVD	913	W	
															NVE	16600	W	
															OTH	1066	W	
														365	T85	962	W	
													365	304	T86	5641	W	
SR4967	1 PSEC	ORIG. 518			SE	01APR84									VPD	55	W	PRI 93
	2 GG	REM. 518			FL	31AUG85									VPE	2212	W	
	3 TYP2	STA PERSONNEL FAC RE													LBD	1210	W	
	4 1283														MTD	317	W	
															NVD	341	W	
															NVE	6204	W	

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 12

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

SURRY

RUN DATE : 13JAN84
 TIME NOW DATE : 01JAN84
 PROJECT START DATE : 01JAN84
 PROJECT END DATE : 21NOV93

SORT ON AP
 SEL ACT(1-2) EQU 'SR'

ACTIVITY IDENT.	CODES	DURATION	CAL TAC TYPE	IMPOSED DATES DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
							OTH 392 W
							275 T84 680 W
						275 243 T85 2916 W	
						30 EAP 2 W	
						30 31 EMY 2 W	
						61 30 EJN 4 W	
						91 31 EJL 5 W	
						122 31 EAU 6 W	
						153 30 ESE 6 W	
						183 31 EOC 5 W	
						214 30 ENO 4 W	
						244 31 EDC 3 W	
						183 31 COC 90 W	
						214 30 CNO 152 W	
						244 31 CDC 222 W	
SR4937	1 PSEC	ORIG. 366		SE 01JAN84			VPD 39 W PRI 96
	2 GG	REM. 366		FL 31DEC84			VPE 1560 W
	3 TYP2	LAUNDRY FACILITY					LBD 371 W
	4 1283						LBE 13250 W
							MTD 535 W
							NVD 71 W
							NVE 1291 W
							OTH 209 W
							T84 1225 W
						31 EJA 7 W	
						31 28 EFE 5 W	
						59 31 EHR 5 W	
						90 30 EAP 5 W	
						120 31 EMY 5 W	
						151 30 EJN 5 W	
						181 31 EJL 5 W	
						212 31 EAU 2 W	
						243 30 ESE 2 W	
						120 31 CHY 83 W	
						151 30 CJN 89 W	
						181 31 CJL 177 W	
						212 31 CAU 22 W	
SR5330	1 SITE	ORIG. 29		SE 01FEB84			MTD 65 W PRI 96
	2 FF	REM. 29		FL 29FEB84			T84 65 W
	4 1283	BOX COMPACTOR					
SR5331	1 SITE	ORIG. 30		SE 01NOV84			MTD 75 W PRI 96
	2 FF	REM. 30		FL 30NOV84			T84 75 W
	4 1283	WASTE SHREDDER					
SR4991	1 PSEC	ORIG. 486		SE 01JAN84			VPD 147 W PRI 105

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 13

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

RUN DATE : 13JAN84

TIME NOW DATE : 01JAN84

PROJECT START DATE : 01JAN84

PROJECT END DATE : 21NOV93

SLUT ON AP

SURRY

SEL ACT(1-2) EQU 'SR'

CTIVITY IDENT.	CODES	DURATION	CAL TAC TYPE	IMPOSED DATES DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
	2 FF	REM. 486	FL	30APR85			VPE 5860 W
	3 TYP3	APPEN R MOOS					LBD 848 W
	4 1283						LBE 30293 W
							MTD 703 W
							NVD 267 W
							NVE 4855 W
							OTH 370 W
						366	T84 1886 W
						366 120	T85 448 W
						31	EJA 12 W
						31 28	EFE 13 W
						59 31	EMR 13 W
						90 30	EAP 13 W
						120 31	EMY 10 W
						151 30	EJN 11 W
						181 31	EJL 15 W
						212 31	EAU 15 W
						243 30	ESE 11 W
						273 31	EOC 4 W
						304 30	ENO 5 W
						334 31	EDC 5 W
						181 31	CJL 108 W
						212 31	CAU 170 W
						243 30	CSE 247 W
						273 31	COC 39 W
SR4956	1 PSEC	ORIG. 213	SE	01JAN84			VPD 76 W
	2 GG	REM. 213	FL	31JUL84			VPE 3040 W
	3 TYP3	FUEL BLDG WALLS					LBD 329 W
	4 1283						LBE 11750 W
							MTD 154 W
							NVD 74 W
							NVE 1345 W
							OTH 295 W
							T84 928 W
						31	EJA 16 W
						31 28	EFE 13 W
						59 31	EMR 13 W
						90 30	EAP 13 W
						120 31	EMY 8 W
						151 30	EJN 7 W
						181 31	EJL 6 W
						31	CJA 90 W
						31 28	CFE 100 W
						59 31	CHR 60 W
						90 30	CAP 79 W
5119	1 PSEC	ORIG. 91	SE	01JAN84			VPD 5 W
	2 GG	REM. 91	FL	31MAR84			VPE 200 W

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

SURRY

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RUN DATE           : 13JAN84
TIME NOW DATE      : 01JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE   : 21NOV93

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SORT ON AP

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SEL ACT(1-2) EQU 'SN'
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ACTIVITY IDENT.	CODES	DURATION	CAL	TAC	TYPE	DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC	
	3 TYP3	EARLY WARNING SYSTEM							MTD 61 W	
	4 1283								T84 66 W	
									31 31 EJA 1 W	
								31 28 EFE 2 W		
								59 31 EMR 2 W		
SR7037	1 PSEC	ORIG. 365		SE	01APR84				VPD 39 W	PRI 108
	2 GG	REM. 365		FL	31MAR85				VPE 1560 W	
	3 TYP2	SEC ACCESS BLDG							LBD 217 W	
	4 1283								LBE 7750 W	
									MTD 220 W	
									NVD 148 W	
									NVE 2691 W	
									OTH 136 W	
									275 275 T84 759 W	
								275 90 T85 89 W		
								30 30 EAP 2 W		
								30 31 EMY 5 W		
								61 30 EJN 7 W		
								91 31 EJL 6 W		
								122 31 EAU 5 W		
								153 30 ESE 5 W		
								183 31 EOC 3 W		
								214 30 ENO 3 W		
								244 31 EDC 3 W		
								154 30 CSE 32 W		
								184 31 COC 46 W		
								215 30 CNO 49 W		
								245 31 CDC 90 W		
SR4917	1 PSEC	ORIG. 366		SE	01JAN84				VPD 47 W	PRI 114
	2 GG	REM. 366		FL	31DEC84				VPE 1880 W	
	3 TYP2	CENTRAL EMERG OPS FACILITY							LBD 25 W	
	4 1283								LBE 893 W	
									MTD 65 W	
									OTH 22 W	
									T84 155 W	
									31 31 EJA 6 W	
								31 28 EFE 8 W		
								59 31 EMR 8 W		
								90 30 EAP 3 W		
								212 31 EAU 2 W		
								243 30 ESE 2 W		
								181 31 CJL 12 W		
								212 31 CAU 13 W		
SR4925	1 PSEC	ORIG. 1277		SE	01JAN84				VPD 99 W	PRI 114
	2 FF	REM. 1277		FL	30JUN87				VPE 3960 W	
	3 TYP2	RG 1.97							LBD 1700 W	

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 15

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

SORT ON AP

SURRY

SEL ACT(1-2) EQU 'SR'

 RUN DATE : 13JAN84
 TIME NOW DATE : 01JAN84
 PROJECT START DATE : 01JAN84
 PROJECT END DATE : 21NOV93

ACTIVITY		IMPOSED DATES		*****PREDECESSORS*****		*****RESOURCES*****			
IDENT.	CODES	DURATION	CAL TAC TYPE	DATE	ACTUAL DATES	ACT. IDENT.	LAG	CAL TYP	LAG DUR CODE AMOUNT TY RAC

	4 1283								
									MTD 200 W
									NVD 490 W
									NVE 8909 W
									OTH 986 W
									366 T84 475 W
						366	365	T85	1000 W
						731	365	T86	1000 W
						1096	181	T87	1000 W
									31 EJA 3 W
									31 28 EFE 4 W
									59 31 EMR 3 W
									90 30 EAP 4 W
									120 31 EMY 3 W
									151 30 EJN 4 W
									181 31 EJL 3 W
									212 31 EAU 4 W
									243 30 ESE 6 W
									273 31 EOC 5 W
									304 30 ENO 5 W
									334 31 EDC 5 W
SR4929	1 PSEC	ORIG.1461		SE 01JAN84					VPD 108 W
	2 GG	REM. 1461		FL 31DEC87					VPE 4320 W
	3 TYP2	MUREG 0700 CRDR							LBD 64 W
	4 1283								LBE 2206 W
									MTD 108 W
									NVD 593 W
									NVE 10782 W
									OTH 133 W
									366 T84 494 W
						366	365	T85	144 W
						731	365	T86	249 W
						1096	365	T87	119 W
									31 EJA 3 W
									31 28 EFE 8 W
									59 31 EMR 4 W
									90 30 EAP 3 W
									120 31 EMY 3 W
									151 30 EJN 8 W
									181 31 EJL 6 W
									212 31 EAU 5 W
									243 30 ESE 1 W
									273 31 EOC 4 W
									304 30 ENO 4 W
									334 31 EDC 1 W
SR4809	1 PSEC	ORIG. 486		SE 01JAN84					VPD 28 W
	2 GG	REM. 486		FL 30APR85					VPE 1120 W
	3 TYP3	HS STEAM MONO SUPP MODS							LBD 64 W

PRI 114

PRI 117

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 17

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

SURRY

RUN DATE : 13JAN84
 TIME NOW DATE : 01JAN84
 PROJECT START DATE : 01JAN84
 PROJECT END DATE : 21NOV93

SORT ON AP
 SEL ACT(1-2) EQU 'SR'

ACTIVITY IDENT.	CODES	DURATION	IMPOSED DATES		ACTUAL DATES	*****PREDECESSORS*****			*****RESOURCES*****						
			CAL	TAC		DATE	ACT. IDENT.	LAG	CAL	TYP	LAG	DUR	CODE	AMOUNT	TY
									365	365	T86	482	W		
									730	334	T87	804	W		
SR4208	1 PSEC	ORIG. 424		SE	01JAN85							VPD	16	W	PRI 166
	2 FF	REM. 424		FL	28FEB86							VPE	620	W	
	3 TYP2	LIQUID NITROGEN STORAGE										LBD	150	W	
	4 1283											LBE	5361	W	
												MTD	78	W	
												NVD	106	W	
												NVE	1927	W	
												OTH	114	W	
										365	T85	453	W		
									365	59	T86	10	W		
SR4998	1 PSEC	ORIG. 276		SE	01FEB85							VPD	17	W	PRI 172
	2 FF	REM. 276		FL	30NOV85							VPE	680	W	
	3 TYP3	LOOSE PARTS MON										LBD	50	W	
	4 1283											LBE	1786	W	
												MTD	2	W	
												NVD	6	W	
												NVE	100	W	
												OTH	17	W	
												T85	92	W	
SR4968	1 PSEC	ORIG. 546		SE	01JAN85							VPD	9	W	PRI 178
	2 FF	REM. 546		FL	30JUN86							VPE	360	W	
	3 TYP2	TRANSFORMER FIRE PROTECTION										LBD	166	W	
	4 1283											LBE	5936	W	
												MTD	54	W	
												NVD	96	W	
												NVE	1742	W	
												OTH	56	W	
										365	T85	310	W		
									365	181	T86	71	W		
SR4815	1 PSEC	ORIG. 455		SE	01JAN85							VPD	10	W	PRI 184
	2 FF	REM. 455		FL	31MAR86							VPE	400	W	
	3 TYP2	SG REF LEG HEAT-UP										LBD	113	W	
	4 1283											LBE	4036	W	
												MTD	6	W	
												NVD	57	W	
												NVE	1036	W	
												OTH	27	W	
										365	T85	137	W		
									365	90	T86	76	W		
SR4819	1 PSEC	ORIG. 1003		SE	01JAN85							VPD	80	W	PRI 184
	2 FF	REM. 1003		FL	30SEP87							VPE	3200	W	
	3 TYP2	COMMUNICATIONS AUDIBILITY										LBD	2257	W	

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 18

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

SURRY

RUN DATE : 11JAN84
 TIME NOW DATE : 01JAN84
 PROJECT START DATE : 01JAN84
 PROJECT END DATE : 21NOV93

SORT ON AP
 SEL ACT(1-2) EQU 'SR'

ACTIVITY IDENT.	CODES	DURATION	CAL	TAC	TYPE	IMPOSED DATE	ACTUAL DATE	*****PREDECESSORS***** ACT. IDENT. LAG CAL TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
		4 1283							MTD 175 W NVD 316 W NVE 5738 W OTH 893 W 365 T85 918 W 365 365 T86 2022 W 730 273 T87 1081 W
SR4944	1 PSEC 2 FF 3 TYP2 4 1283	ORIG. 638 REM. 638 PATHON SHAFTER REPLACEMENT				SE 01JAN85 FL 30SEP86			VPD 16 W VPE 640 W LBD 178 W LBE 6357 W MTD 722 W NVD 68 W NVE 1236 W OTH 121 W 365 T85 821 W 365 273 T86 266 W
SR4955	1 PSEC 2 FF 3 TYP2 4 1283	ORIG. 424 REM. 424 CONT RAD MON				SE 01JAN85 FL 28FEB86			VPD 59 W VPE 2364 W LBD 80 W LBE 2850 W MTD 117 W NVD 157 W NVE 2655 W OTH 126 W 365 T85 445 W 365 59 T86 94 W
SR4855	1 PSEC 2 GG 3 TYP2 4 1283	ORIG. 89 REM. 89 AUX BOILER MODS				SE 01JAN85 FL 31MAR85			VPD 1 W VPE 40 W LBD 51 W LBE 1821 W MTD 16 W OTH 1 W T85 69 W
SR7034	1 PSEC 2 FF 3 TYP2 4 1283	ORIG. 333 REM. 333 HOGGER UPG				SE 01JAN85 FL 30NOV85			VPD 10 W VPE 408 W LBD 58 W LBE 2008 W MTD 39 W NVD 102 W NVE 1847 W OTH 29 W T85 238 W
SR5301	1 PSEC	ORIG. 182				SE 01JAN85			VPD 1 W

COMPANY: VIRGINIA ELECTRIC AND POWER CO

MASTERFILE INPUT DATA LISTING

PAGE 19

PROJECT: NUCLEAR OPERATIONS

REPORT SR09

SURRY

RUN DATE : 13JAN84
 TIME NOW DATE : 01JAN84
 PROJECT START DATE : 01JAN84
 PROJECT END DATE : 21NOV93

SORT ON AP
 SEL ACT(1-2) EQU 'SR'

ACTIVITY IDENT.	CODES	DURATION	CAL	TAC	IMPOSED DATES TYPE	DATE	ACTUAL DATES	*****PREDECESSORS***** ACT. IDENT. LAG	CAL	TYP	*****RESOURCES***** LAG DUR CODE AMOUNT TY RAC
	2 GG	REM. 182			FL	30JUN85					VPE 40 W
	3 TYP2	RECREATION FAC									LBD 16 W
	4 1253										LBE 293 W
											MTD 94 W
											NVD 4 W
											NVE 73 W
											OTH 10 W
											T85 125 W
SR184RFB		ORIG.		M	SE	27JUL84					PRI 201
		REM.									
		BEGIN SURRY #1 REFUELING OUTAGE									
SR184RFE		ORIG.		M	FL	17SEP84					PRI 201
		REM.									
		END SURRY #1 REFUELING OUTAGE									
SR184SPB		ORIG.		M	SE	24FEB84					PRI 201
		REM.									
		BEGIN SURRY #1 SPRING MAINT. OUTAGE									
SR184SPE		ORIG.		M	FL	05MAR84					PRI 201
		REM.									
		END SURRY #1 SPRING MAINT. OUTAGE									
SR185FAB		ORIG.		M	SE	20OCT85					PRI 201
		REM.									
		BEGIN SURRY #1 FALL MAINT. OUTAGE									
SR185FAE		ORIG.		M	FL	30OCT85					PRI 201
		REM.									
		END SURRY #1 FALL MAINT. OUTAGE									
SR185SPB		ORIG.		M	SE	18MAY85					PRI 201
		REM.									
		BEGIN SURRY #1 SPRING MAINT. OUTAGE									
SR185SPE		ORIG.		M	FL	28MAY85					PRI 201
		REM.									
		END SURRY #1 SPRING MAINT. OUTAGE									
SR186FAB		ORIG.		M	SE	05SEP86					PRI 201
		REM.									
		BEGIN SURRY #1 FALL MAINT. OUTAGE									
SR186FAE		ORIG.		M	FL	15SEP86					PRI 201
		REM.									
		END SURRY #1 FALL MAINT. OUTAGE									
SR186RFB		ORIG.		M	SE	21FEB86					PRI 201

PROJECT NUCLEAR OPERATIONS

REPORT SR05

SURRY

 RUNDATE : 13JAN84
 TIME NOW DATE : 01JAN84
 PROJECT START DATE : 01JAN84
 PROJECT END DATE : 21NOV93

 SORT ON AP
 SEL ACT(1-2) EQU 'SR'

					84 85 86 87 88 89											
					JJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASON											
					UUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOE											
					NLGPTVCNBRRYNLGPTVCNBRRYNLGPTVCNBRRYNLGPTVCNBRRYNLGPTVCNBRRYNLGPTVCNBRRYNLGPTV											
					8 8 8 8 8 8											
					4 5 6 7 8 9											
ACTIVITY IDENT.	ACTIVITY DESCRIPTION	TOTAL FLOAT	EARLY START	REM DUR												
SR6097		1	01JAN84	1826	I	*		I		I		I		I		I
SPENT FUEL STORAGE FAC					I	XXX										I
					I	*		I		I		I		I		I
					I	*		I		I		I		I		I
					I	*		I		I		I		I		I
SR0201			01JAN84	335	I	CCCCCCCCCCC	I		I		I		I		I	I
SPENT FUEL HANDLING SYS MOD					I	*		I		I		I		I		I
					I	*		I		I		I		I		I
					I	*		I		I		I		I		I
SR0100			01JAN84	366	I	CCCCCCCCCCCC	I		I		I		I		I	I
BLANKET IMPROVEMENTS					I	*		I		I		I		I		I
					I	*		I		I		I		I		I
					I	*		I		I		I		I		I
SR5323			01MAR84	31	I	* C		I		I		I		I		I
#1 LP TURB ROTO REFURB					I	*		I		I		I		I		I
					I	*		I		I		I		I		I
					I	*		I		I		I		I		I
SR4983			01JAN84	91	I	CCC		I		I		I		I		I
CH PUMP SW PUMP RELOC					I	*		I		I		I		I		I
					I	*		I		I		I		I		I
					I	*		I		I		I		I		I
SR6084		1	01JAN84	273	I	XXXXXXXXX		I		I		I		I		I
TSC					I	*		I		I		I		I		I
					I	*		I		I		I		I		I
					I	*		I		I		I		I		I
SR6131			01JAN84	731	I	CCCCCCCCCCCCCCCCCCCCCCCCCCCC		I		I		I		I		I
GDC - 17					I	*		I		I		I		I		I
					I	*		I		I		I		I		I
					I	*		I		I		I		I		I
SR6142		1	01JAN84	90	I	XXX		I		I		I		I		I
POST ACC SAMPLING SYSTEM					I	*		I		I		I		I		I
					I	*		I		I		I		I		I
					I	*		I		I		I		I		I
SR6144			01JAN84	486	I	CCCCCCCCCCCCCCCC		I		I		I		I		I
E.Q. RMS					I	*		I		I		I		I		I
					I	*		I		I		I		I		I
					I	*		I		I		I		I		I
SR6155			01JAN84	517	I	CCCCCCCCCCCCCCCC		I		I		I		I		I
E.Q. CLASS IE U-1					I	*		I		I		I		I		I
					I	*		I		I		I		I		I

LEGEND - X = DURATION, C = CRITICAL DURATION, A = ACTUAL DURATION * = TIME NOW - = FLOAT L = LATE FINISH

SURRY

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RUNDATE          : 13JAN84
TIME NOW DATE    : 01JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE  : 21NOV93

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SORT ON AP
SEL ACT(1-2) EQU 'SR'

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ACTIVITY IDENT.	ACTIVITY DESCRIPTION	TOTAL FLOAT	EARLY START	REM DUR	84	85	86	87	88	89
SR6156	E.Q. CLASS IE U-2	01JAN84	517	I	I	I	I	I	I	I
SR6164	CONTROL RM HAB	01JAN84	91	I	I	I	I	I	I	I
SR4805	LOCAL EMERGENCY OPERATIONS FACILITY	01JAN84	397	I	I	I	I	I	I	I
SR4924	DRS PUMP FLOW	01MAR84	92	I	I	I	I	I	I	I
SR5326	REACTOR TRIP BREAKER	01JAN84	517	I	I	I	I	I	I	I
SR6143	HEAT TRACING	01JAN84	366	I	I	I	I	I	I	I
SR4932	PORV MODS	-181 01JAN84	912	I	I	I	I	I	I	I
SR6158	NUREG 0696	01JAN84	912	I	I	I	I	I	I	I
SR0296	AUTO CONTROL - FW BYPASS	01JAN85	304	I	I	I	I	I	I	I
SR5329	BORON CONCENTRATION REDUCTION	01JAN84	547	I	I	I	I	I	I	I

LEGEND - X = DURATION, C = CRITICAL DURATION, A = ACTUAL DURATION * = TIME NOW - = FLOAT L = LATE FINISH

PROJECT NUCLEAR OPERATIONS

REPORT SR05

SURRY

 RUNDATE : 13JAN84
 TIME NOW DATE : 01JAN84
 PROJECT START DATE : 01JAN84
 PROJECT END DATE : 21NOV93

 SORT ON AP
 SEL ACT(1-2) EQU 'SR'

					84		85		86		87		88		89	
					JJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASON		JJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASON		JJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASON		JJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASON		JJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASON		JJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASONDJFMAMJJASON	
					UUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOE		UUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOE		UUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOE		UUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOE		UUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOE		UUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOEAEAPAUUECOE	
					NLGPTVCNBRRYNLGPTVCNBRR											

LEGEND - X = DURATION, C = CRITICAL DURATION, A = ACTUAL DURATION * = TIME NOW - = FLOAT L = LATE FINISH

PROJECT NUCLEAR OPERATIONS

REPORT SR05 SURRY

RUN DATE : 13 JAN 84
TIME NOW DATE : 01 JAN 84
PROJECT START DATE : 01 JAN 84
PROJECT END DATE : 21 NOV 93

SORT ON AP
SEL ACT(1-2) EQU 'SR'

ACTIVITY IDENT.	ACTIVITY DESCRIPTION	TOTAL FLOAT	EARLY START	REH DUR
SR4937	LAUNDRY FACILITY	366	01 JAN 84	
SR5330	BOX COMPACTOR	29	01 FEB 84	
SR5331	WASTE SHREDDER	30	01 NOV 84	
SR4991	APPEN R MOOS	486	01 JAN 84	
SR4956	FUEL BLDG WALLS	213	01 JAN 84	
SR6119	EARLY WARNING SYSTEM	91	01 JAN 84	
SR7037	SEC ACCESS BLDG	365	01 APR 84	
SR4917	CENTRAL EMERG OPS FACILITY	366	01 JAN 84	
SR4925	RG 1.97	1277	01 JAN 84	
SR4929	NUPEG 0700 CRDR	1461	01 JAN 84	

----- L = END - X = DURATION, C = CRITICAL DURATION, A = ACTUAL DURATION * = TIME NOW - = FLOAT L = LATE FINISH -----

PROJECT NUCLEAR OPERATIONS

REPORT SR05

SURRY

RUNDATE : 13JAN84

TIME NOW DATE : 01 JAN 84

PROJECT START DATE : 01JAN84

PROJECT END DATE : 21NOV93

SORT ON AP

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SEL ACT(1-2) EQU 'SR'
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[illegible]

LEGEND - X = DURATION, C = CRITICAL DURATION, A = ACTUAL DURATION * = TIME NOW - = FLOAT L = LATE FINISH

SURRY

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RUNDATE           : 13JAN84
TIME NOW DATE     : 01JAN84
PROJECT START DATE : 01JAN84
PROJECT END DATE  : 21NOV93

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[illegible]

ACTIVITY IDENT.	ACTIVITY DESCRIPTION	TOTAL FLOAT	EARLY START	REM DUR	8 4	8 5	8 6	8 7	8 8	8 9
SR4944	PATHON SNUBBER REPLACEMENT	01JAN85	638	I	*	I	I	I	I	I
				I	*	CCCCCCCCCCCCCCCCCCCC	I	I	I	I
				I	*	I	I	I	I	I
				I	*	I	I	I	I	I
				I	*	I	I	I	I	I
SR4955	CONT RAD MON	01JAN85	424	I	*	CCCCCCCCCCCCCCCC	I	I	I	I
				I	*	I	I	I	I	I
				I	*	I	I	I	I	I
				I	*	I	I	I	I	I
SR4855	AUX BOILER MOOS	1 01JAN85	89	I	*	XXX	I	I	I	I
				I	*	I	I	I	I	I
				I	*	I	I	I	I	I
				I	*	I	I	I	I	I
SR7034	HOGGER UPG	1 01JAN85	333	I	*	XXXXXXXXXXXX	I	I	I	I
				I	*	I	I	I	I	I
				I	*	I	I	I	I	I
				I	*	I	I	I	I	I
SR5301	RECREATION FAC	-1 01JAN85	182	I	*	CCCCCCC	I	I	I	I
				I	*	I	I	I	I	I
				I	*	I	I	I	I	I
				I	*	I	I	I	I	I
SR184RFB	BEGIN SURRY #1 REFUELING OUTAGE	3405 27JUL84		I	*	X-----	I	I	I	I
				I	*	I	I	I	I	I
				I	*	I	I	I	I	I
SR184RFE	END SURRY #1 REFUELING OUTAGE	261 01JAN84		I	*	-----L	I	I	I	I
				I	*	I	I	I	I	I
				I	*	I	I	I	I	I
SR184SPB	BEGIN SURRY #1 SPRING MAINT. OUTAGE	3559 24FEB84		I	*	X-----	I	I	I	I
				I	*	I	I	I	I	I
				I	*	I	I	I	I	I
SR184SPE	END SURRY #1 SPRING MAINT. OUTAGE	65 01JAN84		I	*	---L	I	I	I	I
				I	*	I	I	I	I	I
				I	*	I	I	I	I	I
SR185FAB	BEGIN SURRY #1 FALL MAINT. OUTAGE	2955 20OCT85		I	*	I	X-----	I	I	I
				I	*	I	I	I	I	I
				I	*	I	I	I	I	I
SR185FAE	END SURRY #1 FALL MAINT. OUTAGE	669 01JAN84		I	*	-----L	I	I	I	I
				I	*	I	I	I	I	I
				I	*	I	I	I	I	I
SR185SPB	BEGIN SURRY #1 SPRING MAINT. OUTAGE	3110 18MAY85		I	*	I	X-----	I	I	I
				I	*	I	I	I	I	I

LEGEND - X = DURATION, C = CRITICAL DURATION, A = ACTUAL DURATION * = TIME NOW - = FLOAT L = LATE FINISH

**NORTH ANNA
& SURRY
POWER STATIONS**

COMPANY: VIRGINIA ELECTRIC AND POWER CO

PROJECT: NUCLEAR OPERATIONS

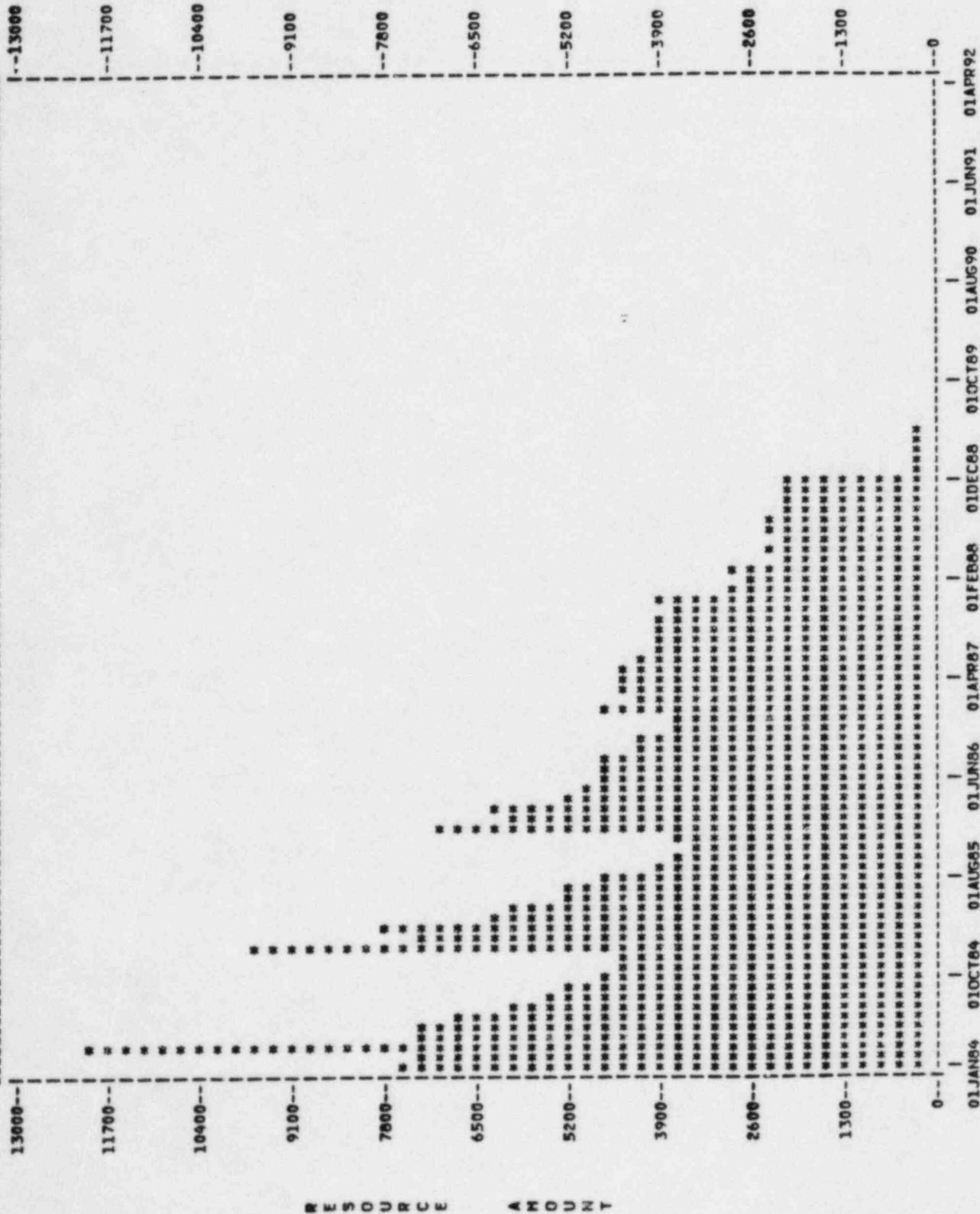
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BASED ON EARLY START

RESOURCE CODE: Y//

REPORT SR15

TOTAL
BUDGET
(\$ X 1000)

RUN DATE : 13JAN84
TIME NOW DATE : 01JAN84
PROJECT START DATE: 01JAN84
PROJECT END DATE : 21NOV93



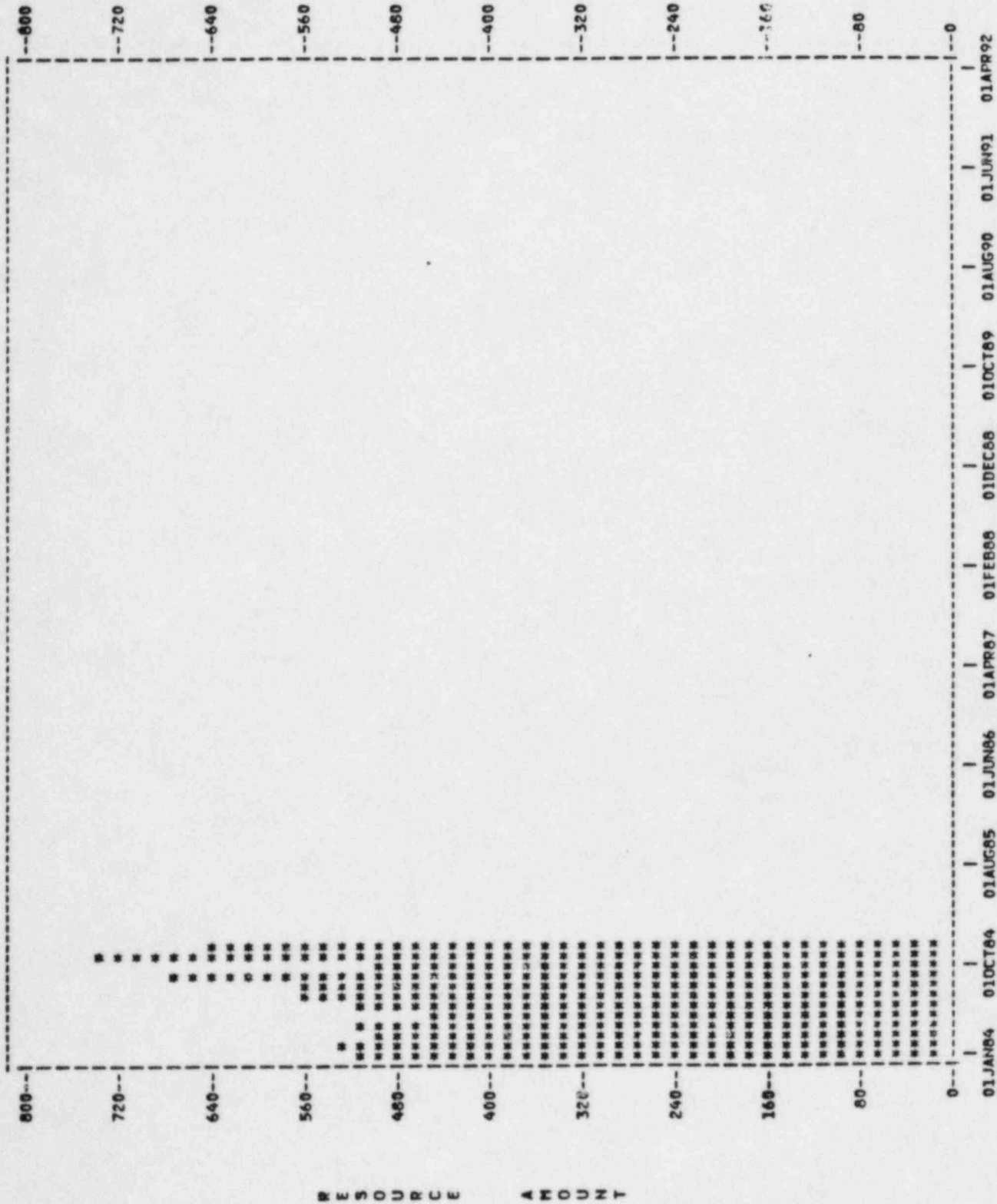
COMPANY: VIRGINIA ELECTRIC AND POWER CO

PROJECT: NUCLEAR OPERATIONS

TIME SCHEDULING HISTOGRAM
BASED ON EARLY START
RESOURCE CODE: E//
REPORT SR15

TOTAL
VEPCO
ENGINEERING
DOLLARS
(\$ X 1000)

RUN DATE : 13JAN84
TIME NOW DATE : 01JAN84
PROJECT START DATE: 01JAN84
PROJECT END DATE : 21NOV93



COMPANY: VIRGINIA ELECTRIC AND POWER CO

PROJECT: NUCLEAR OPERATIONS

TIME SCHEDULING HISTOGRAM

BASED ON EARLY START

RESOURCE CODE: VPD

REPORT SR15

TOTAL

VEPCO

ENGINEERING

DOLLARS

(\$ X 1000)

RUN DATE

TIME NOW DATE

PROJECT START DATE

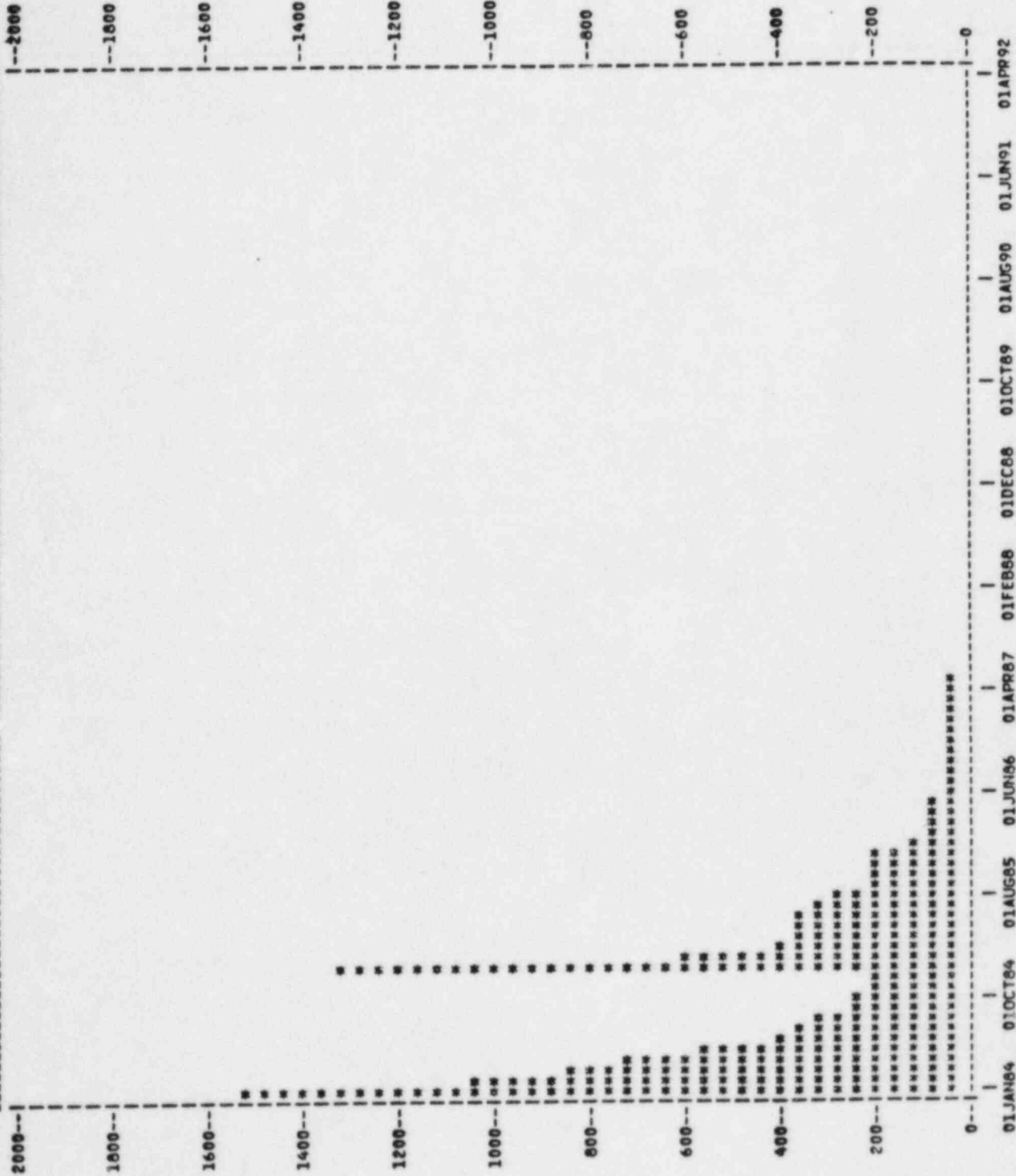
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: 13JAN84

: 01JAN84

: 01JAN84

: 21NOV93



COMPANY: VIRGINIA ELECTRIC AND POWER CO

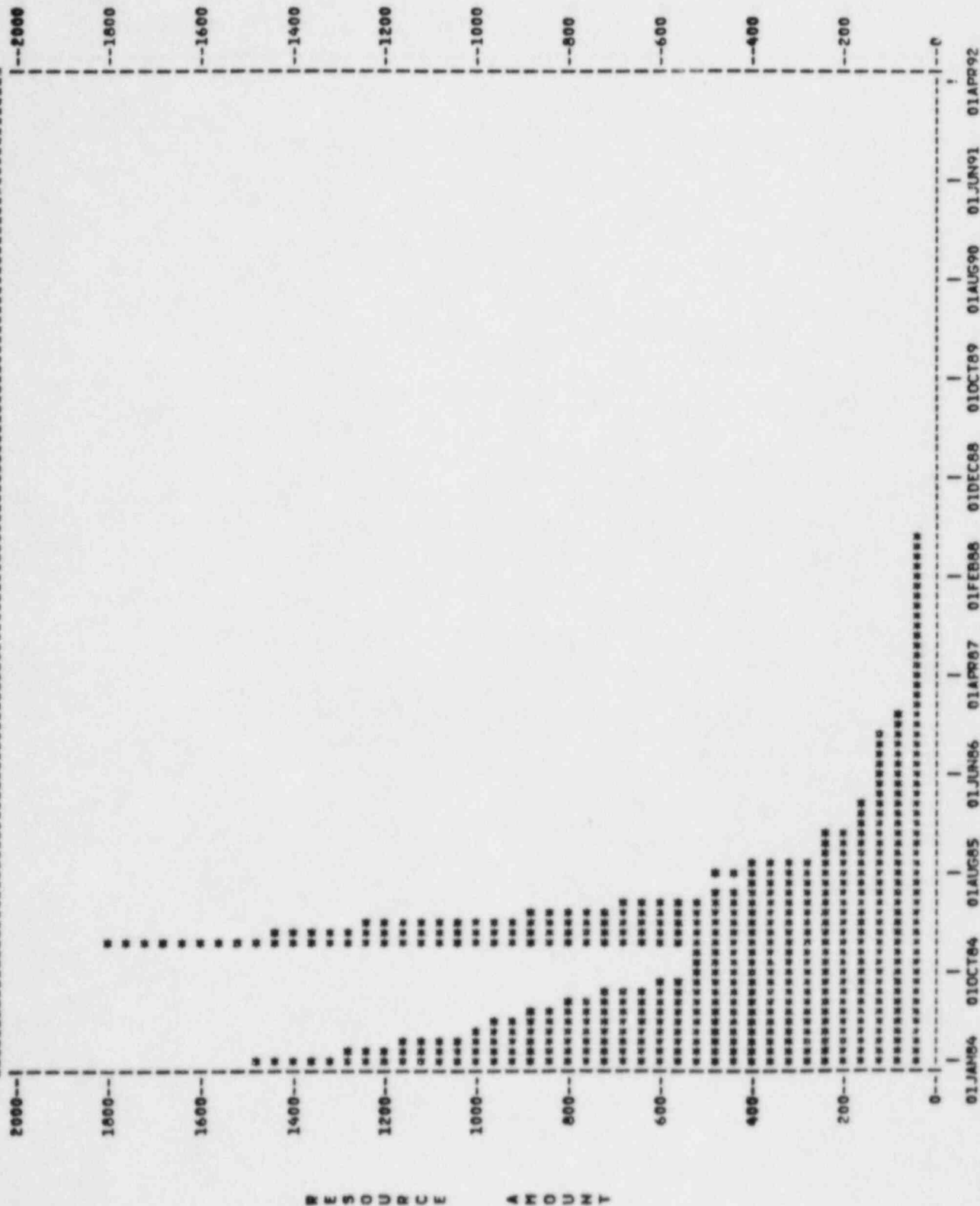
PROJECT: NUCLEAR OPERATIONS

TIME SCHEDULING HISTOGRAM
BASED ON EARLY START

RESOURCE CODE: NVD
REPORT SP15

TOTAL
A/E
DOLLARS
(\$ X 1000)

RUN DATE : 13JAN84
TIME NOW DATE : 01JAN84
PROJECT START DATE: 01JAN84
PROJECT END DATE : 21NOV93



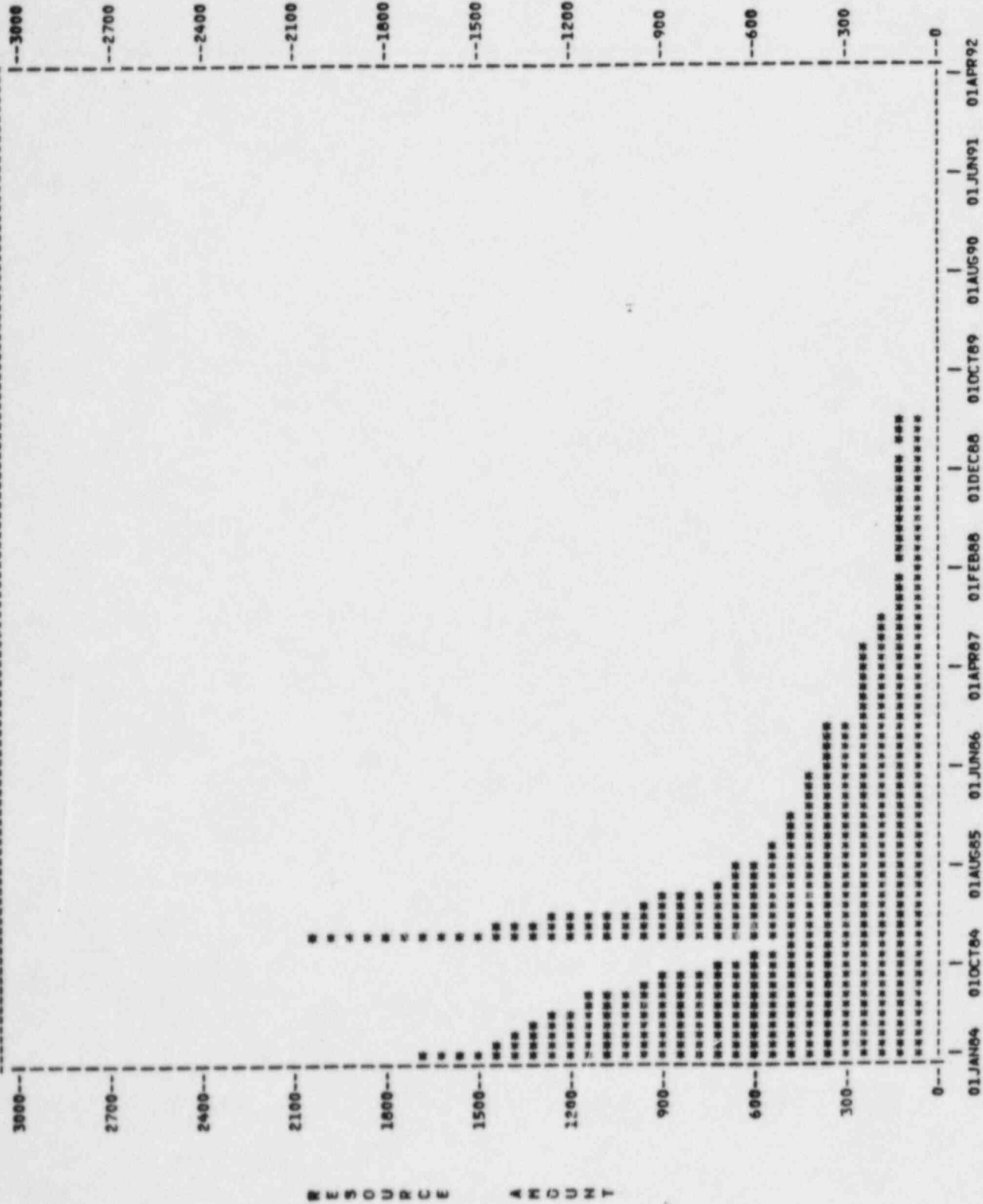
COMPANY: VIRGINIA ELECTRIC AND POWER CO

PROJECT: NUCLEAR OPERATIONS

TIME SCHEDULING HISTOGRAM
BASED ON EARLY START
RESOURCE CODE: LRD
REPORT SP15

TOTAL
CONSTRUCTION
LABOR
DOLLARS
(\$ X 1000)

RUN DATE : 13JAN84
TIME NOW DATE : 01JAN84
PROJECT START DATE: 01JAN84
PROJECT END DATE : 21NOV93



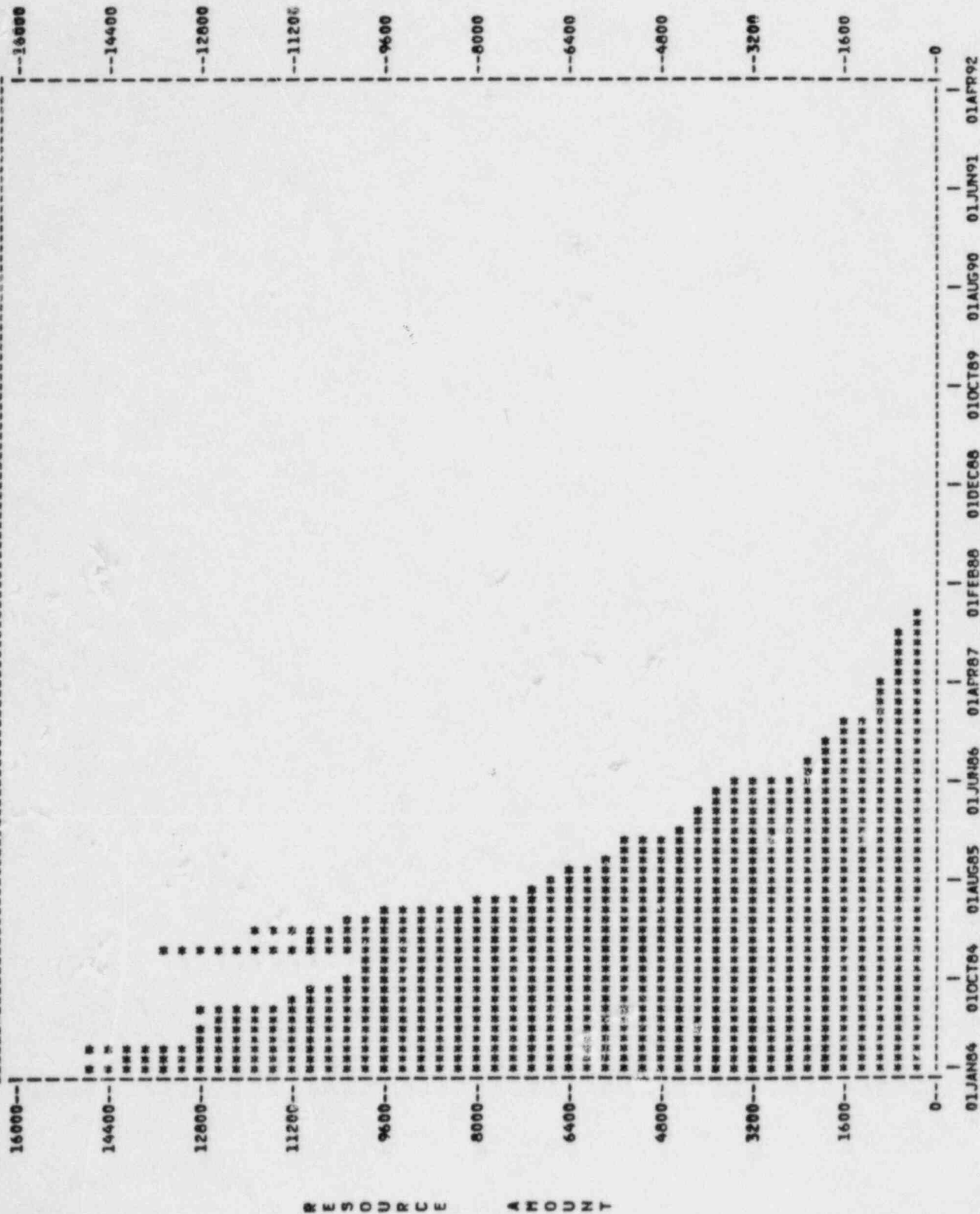
COMPANY: VIRGINIA ELECTRIC AND POWER CO
PROJECT: NUCLEAR OPERATIONS

TIME SCHEDULING HISTOGRAM
BASED ON EARLY START

RESOURCE CODE: VPE
REPORT SR15

TOTAL
VEPCO
ENGINEERING
MANHOURS

RUN DATE : 13JAN84
TIME NOW DATE : 01JAN84
PROJECT START DATE: 01JAN84
PROJECT END DATE : 21NOV93



COMPANY: VIRGINIA ELECTRIC AND POWER CO

PROJECT: NUCLEAR OPERATIONS

TIME SCHEDULING HISTOGRAM
BASED ON EARLY START
RESOURCE CODE: NVE
REPORT SRI5

TOTAL
A/E
MANHOURS

RUN DATE : 13JAN84
TIME NOW DATE : 01JAN84
PROJECT START DATE: 01JAN84
PROJECT END DATE : 21NOV93

