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D A T A _ C A B D _ C O L U M N S _ U S E D

1--4	6-----13	15-----30	32---39	41---47	48---54	55-----61	62--66	68	70	72	74	76	78	80
MWE	MODEL	CITY	EXTRA ID	YR SSS	YR PER	YR COP	I INT	ILAZ	IFLAG	IOF	IESL	IBS	IAC	ISTACK
400	PWR	ATLANTA	MLM	1974.000	1983.000	1989.000	12.000	0	0	1	0	0	1	1

UNIT 1 CAPITAL INVESTMENT SUMMARY (MILLIONS OF DOLLARS)

400 MWE PWR (10-26-81) POWER PLANT AT ATLANTA MLM

PWR MODEL, EEOB PHASE IV, 01/81 REGULATORY STATUS

COST BASIS: YEAR OF STEAM SUPPLY SYSTEM PURCHASE

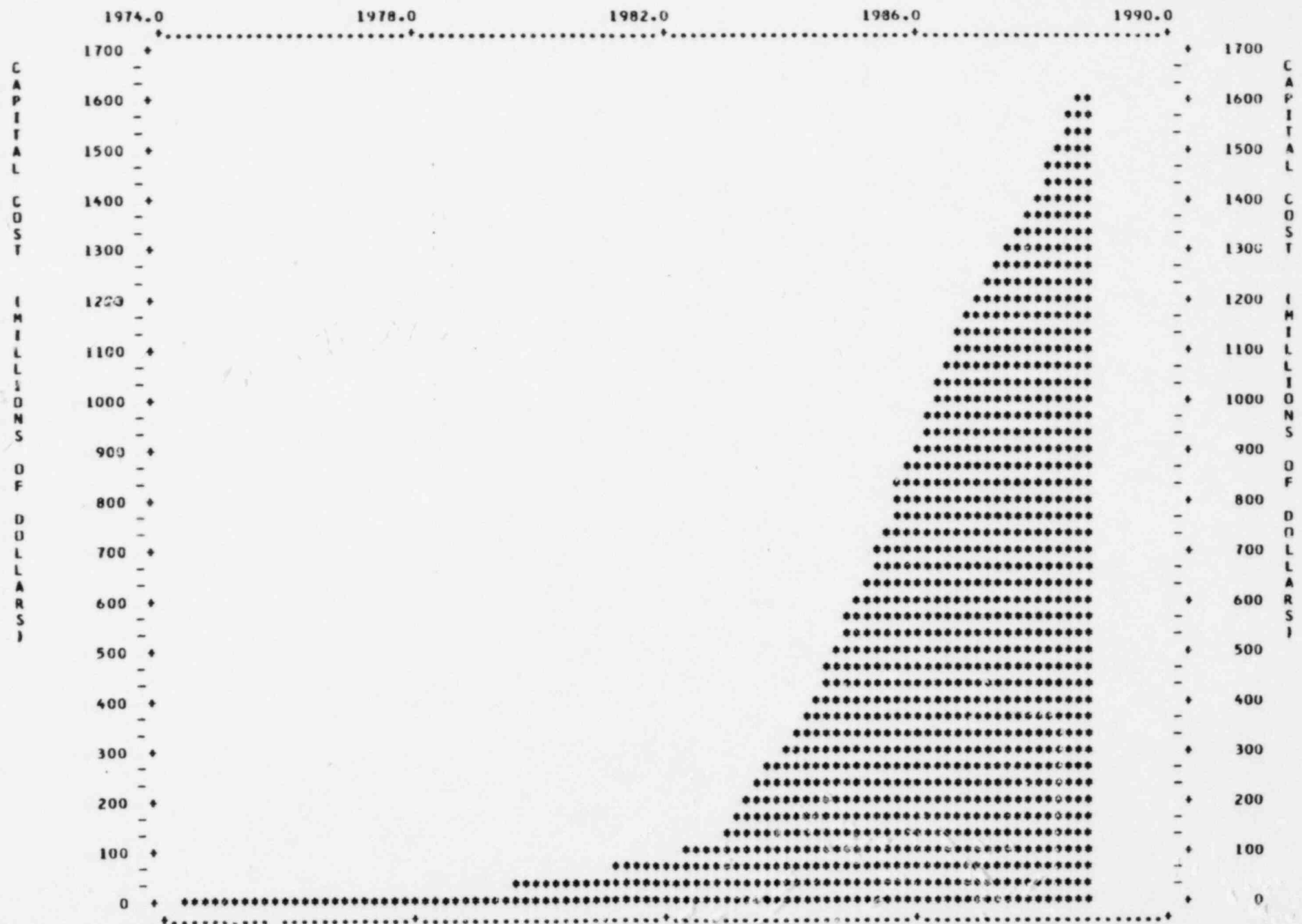
DESIGN & CONSTRUCTION PERIOD: STEAM SUPPLY SYSTEM PURCHASE: 1974.000
 CONSTRUCTION PERMIT: 1983.000
 COMMERCIAL OPERATION: 1989.000

ACCOUNT NUMBER	ACCOUNT TITLE	TOTAL COSTS	EQUIPMENT			LABOR			MATERIAL		
			COSTS	MANHOURS	COSTS	COSTS	COSTS	COSTS	MANHOURS	COSTS	
20 .	LAND AND LAND RIGHTS	3	0.0	(0.0)	0.0			2.750			
21 .	STRUCTURES + IMPROVEMENTS	55	3.305	(4.651)	33.591			18.460			
22 .	REACTOR PLANT EQUIPMENT	72	53.821	(1.631)	14.339			3.852			
23 .	TURBINE PLANT EQUIPMENT	45	33.495	(1.130)	9.703			1.931			
24 .	ELECTRIC PLANT EQUIPMENT	25	9.068	(1.410)	12.603			3.632			
25 .	MISCELLANEOUS PLANT EQUIPT	9	4.774	(0.381)	3.340			0.636			
26 .	MAIN COND HEAT REJECT SYS	8	5.568	(0.212)	1.681			0.431			
	SUBTOTAL	217	110.032	(9.415)	75.257			31.692			
91 .	CONSTRUCTION SERVICES	25			1.754						
92 .	HOME OFFICE ENGRG.&SERVICE	88			(11.169)					TOTAL CRAFT MANHOURS	
93 .	FIELD OFFICE ENGRG&SERVICE	33			27.922					MANHOURS/KW	
94 .	OWNER'S COSTS	42									
	SUBTOTAL	188									
	DIRECT & INDIRECT COSTS	(\$ 1013/KW)	405								
	CONTINGENCY ALLOWANCE		40								
	TOTAL DIRECT & INDIRECT COSTS	(\$ 1113/KW)	445								
	ESCALATION DURING CONSTRUCTION	(7.7%/YR)	533								
	TOTAL ESCALATED DIRECT & INDIRECT COSTS	(\$ 2445/KW)	978								
	INTEREST DURING CONSTRUCTION COMPOUND	(12.000%/YR)									
	ON DIRECT & INDIRECT COSTS		336								
	ON ESCALATION DURING CONSTRUCTION		316								
	TOTAL INTEREST DURING CONSTRUCTION	(\$ 1630/KW)	652								
	TOTAL PLANT CAPITAL INVESTMENT	(\$ 4075/KW)	1630								

WEIGHTED AVERAGE ESCALATION (%/YR)
 EQUIPMENT 7.7 LABOR 7.4 MATERIAL 8.2

DATE 06-03-82 CONCEPT COST ESTIMATES (PHASE 5)
 UNIT 1 CAPITAL INVESTMENT DETAIL COSTS (THOUSANDS OF DOLLARS)
 400 MWE PWR (10-26-81) POWER PLANT AT: ATLANTA MLM
 PWR MODEL, EEDB PHASE IV, 01/81 REGULATORY STATUS
 COST BASIS: YEAR OF STEAM SUPPLY SYSTEM PURCHASE

STEAM SUPPLY SYSTEM PURCHASE: 1974.000
 CONSTRUCTION PERMIT: 1983.000
 COMMERCIAL OPERATION: 1989.000



DATE 06-03-82 C O N C E P T C O S T E S T I M A T E S (PHASE 5)
 UNIT 1 CAPITAL INVESTMENT DETAIL COSTS (THOUSANDS OF DOLLARS)
 600 MWE PWR (10-26-81) POWER PLANT AT: ATLANTA MLM
 PWR MODEL, EEDB PHASE IV, 01/81 REGULATORY STATUS
 COST BASIS: YEAR OF STEAM SUPPLY SYSTEM PURCHASE

STEAM SUPPLY SYSTEM PURCHASE: 1974.000
 CONSTRUCTION PERMIT: 1983.000
 COMMERCIAL OPERATION: 1989.000

C U M U L A T I V E C A S H F L O W

BOTH THE CASH FLOW CURVE SHOWN ABOVE AND THE FOLLOWING CASH FLOW TABLE
 HAVE COSTS EXPRESSED AS TOTAL COST INCURRED TO DATE (INCLUDING INTEREST CHARGES TO DATE).

COST TO DATE (MILLIGNS OF DOLLARS)

DATE	COST TO DATE (MILLIGNS OF DOLLARS)
1974.000	0.0
1974.300	0.0
1974.600	3.536
1974.900	3.658
1975.200	4.514
1975.500	4.670
1975.800	4.831
1976.100	6.431
1976.400	6.654
1976.700	8.219
1977.000	8.503
1977.300	12.793
1977.600	13.235
1977.900	13.693
1978.200	19.373
1978.500	20.043
1978.800	27.325
1979.100	28.271
1979.400	29.249
1979.700	38.042
1980.000	39.358
1980.300	49.654
1980.600	51.372
1980.900	64.098
1981.200	66.316
1981.500	68.610
1981.800	84.350
1982.100	87.268
1982.400	105.169
1982.700	108.808
1983.000	146.095
1983.300	193.064
1983.600	249.612
1983.900	285.366
1984.200	342.982
1984.500	420.645
1984.800	532.818
1985.100	613.850
1985.400	703.658
1985.700	810.912
1986.000	876.524
1986.300	991.267
1986.600	1094.926
1986.900	1179.961
1987.200	1255.441
1987.500	1322.297
1987.800	1382.155
1988.100	1450.524
1988.400	1510.083

D.A.T.A. C.A.R.D. C.O.L.U.M.N.S. U.S.E.D

1-4	6-----13	15-----30	32-----39	41-----47	48-----54	55-----61	62--66	68	70	72	74	76	78	80
MWE	MODEL	CITY	EXTRA ID	YR SSS	YR PER	YR COP	% INI	ILAZ	IFLAG	IDF	IESC	IBS	IAC	ISTACK
800	PWR	ATLANTA	MLM	1974.000	1983.000	1989.000	12.000	0	0	1	0	0	1	1

DATE 06-03-82 CONCEPT COST ESTIMATES (PHASE 5)
 UNIT 1 CAPITAL INVESTMENT SUMMARY (MILLIONS OF DOLLARS)
 800 MWE PWR (10-26-81) POWER PLANT AT ATLANTA MLM
 PWR MODEL, EEDB PHASE IV, 01/81 REGULATORY STATUS
 COST BASIS: YEAR OF STEAM SUPPLY SYSTEM PURCHASE
 DESIGN & CONSTRUCTION PERIOD: STEAM SUPPLY SYSTEM PURCHASE: 1974.000
 CONSTRUCTION PERMIT: 1983.000
 COMMERCIAL OPERATION: 1989.000

ACCOUNT NUMBER	ACCOUNT TITLE	TOTAL COSTS	EQUIPMENT COSTS	LABOR MANHOURS	LABOR COSTS	MATERIAL COSTS
20	LAND AND LAND RIGHTS	3	0.0	(0.0)	0.0	2.750
21	STRUCTURES + IMPROVEMENTS	78	4.675	(6.577)	47.505	26.107
22	REACTOR PLANT EQUIPMENT	109	81.576	(2.473)	21.734	5.838
23	TURBINE PLANT EQUIPMENT	79	58.318	(1.968)	16.894	3.362
24	ELECTRIC PLANT EQUIPMENT	33	11.965	(1.860)	16.630	4.792
25	MISCELLANEOUS PLANT EQUIPT	11	5.878	(0.469)	4.113	0.783
26	MAIN COND HEAT REJECT SYS	13	9.694	(0.369)	2.926	0.750
	SUBTOTAL	326	172.106	(13.716)	109.801	44.382
91	CONSTRUCTION SERVICES	34		(2.396)		
92	HOME OFFICE ENGRG.&SERVICE	101		(16.112)		
93	FIELD OFFICE ENGRG&SERVICE	44		20.140		
94	OWNER'S COSTS	60				
	SUBTOTAL	238				
	DIRECT & INDIRECT COSTS	(\$ 705/KW)	564			
	CONTINGENCY ALLOWANCE		56			
	TOTAL DIRECT & INDIRECT COSTS	(\$ 775/KW)	620			
	ESCALATION DURING CONSTRUCTION	(7.78%/YR)	160			
	TOTAL ESCALATED DIRECT & INDIRECT COSTS	(\$ 1725/KW)	1380			
	INTEREST DURING CONSTRUCTION COMPOUND	(12.000%/YR)				
	ON DIRECT & INDIRECT COSTS		452			
	ON ESCALATION DURING CONSTRUCTION		441			
	TOTAL INTEREST DURING CONSTRUCTION	(\$ 1116/KW)	893			
	TOTAL PLANT CAPITAL INVESTMENT	(\$ 2841/KW)	2273			
					WEIGHTED AVERAGE ESCALATION (%/YR)	
					EQUIPMENT	LABOR
					7.8	7.4
						MATERIAL
						8.2

DATE 06-03-82 CONCEPT COST ESTIMATES (PHASE 5)
 UNIT I CAPITAL INVESTMENT DETAIL COSTS (THOUSANDS OF DOLLARS)
 800 MWE PWR (10-26-81) POWER PLANT AT: ATLANTA MLM
 PWR MODEL, EEDB PHASE IV, 01/81 REGULATORY STATUS
 COST BASIS: YEAR OF STEAM SUPPLY SYSTEM PURCHASE

	1974.0	1978.0	1982.0	1986.0	1990.0
CAPITAL COST	2400				
INSTALLATION	2200				
OPERATION	2000				
MAINTENANCE	1800				
DEVELOPMENT	1600				
LAND	1400				
PERMITTING	1200				
DESIGN	1000				
CONSTRUCTION	800				
STARTUP	600				
OPERATION	400				
MAINTENANCE	200				
TOTAL	0				

STEAM SUPPLY SYSTEM PURCHASE: 1974.000
 CONSTRUCTION PERMIT: 1983.000
 COMMERCIAL OPERATION: 1989.000

DATE 06-03-82 CONCEPT COST ESTIMATES (PHASE 5)
 UNIT 1 CAPITAL INVESTMENT DETAIL COSTS (THOUSANDS OF DOLLARS)
 800 MWE PWR (10-26-81) POWER PLANT AT: ATLANTA MLM
 PWR MODEL, EEDB PHASE IV, 01/81 REGULATORY STATUS
 COST BASIS: YEAR OF STEAM SUPPLY SYSTEM PURCHASE

PAGE 4
 STEAM SUPPLY SYSTEM PURCHASE: 1974.000
 CONSTRUCTION PERMIT: 1983.000
 COMMERCIAL OPERATION: 1989.000

CUMULATIVE CASH FLOW

BOTH THE CASH FLOW CURVE SHOWN ABOVE AND THE FOLLOWING CASH FLOW TABLE
 HAVE COSTS EXPRESSED AS TOTAL COST INCURRED TO DATE (INCLUDING INTEREST CHARGES TO DATE).

DATE	COST TO DATE (MILLIONS OF DOLLARS)
1974.000	0.0
1974.300	0.0
1974.600	3.710
1974.900	3.838
1975.200	4.882
1975.500	5.051
1975.800	5.226
1976.100	7.403
1976.400	7.659
1976.700	9.746
1977.000	10.083
1977.300	15.338
1977.600	15.869
1977.900	16.418
1978.200	23.346
1978.500	24.154
1978.800	33.051
1979.100	34.195
1979.400	35.378
1979.700	46.151
1980.000	47.747
1980.300	60.329
1980.600	62.416
1980.900	78.418
1981.200	81.131
1981.500	83.937
1981.800	104.002
1982.100	107.600
1982.400	130.575
1982.700	135.093
1983.000	183.607
1983.300	245.538
1983.600	320.852
1983.900	368.507
1984.200	445.550
1984.500	553.780
1984.800	712.699
1985.100	826.509
1985.400	953.951
1985.700	1106.137
1986.000	1199.142
1986.300	1368.203
1986.600	1520.920
1986.900	1644.652
1987.200	1749.832
1987.500	1843.157
1987.800	1927.510
1988.100	2022.424
1988.400	2104.761

*9104-2_BEARD	* TSU 1619	GVZ	A	START	1.06 PM	03 JUN 82	R50.PRI	X10B	*****	*9104-2_BEARD	*
*9104-2_BEARD	* TSU 1619	GVZ	A	START	1.06 PM	03 JUN 82	R50.PRI	X10B	*****	*9104-2_BEARD	*
*9104-2_BEARD	* TSU 1619	GVZ	A	START	1.06 PM	03 JUN 82	R50.PRI	X10B	*****	*9104-2_BEARD	*
*9104-2_BEARD	* TSU 1619	GVZ	A	START	1.06 PM	03 JUN 82	R50.PRI	X10B	*****	*9104-2_BEARD	*
*9104-2_BEARD	* TSU 1619	GVZ	A	START	1.06 PM	03 JUN 82	R50.PRI	X10B	*****	*9104-2_BEARD	*
*9104-2_BEARD	* TSU 1619	GVZ	A	START	1.06 PM	03 JUN 82	R50.PRI	X10B	*****	*9104-2_BEARD	*
*9104-2_BEARD	* TSU 1619	GVZ	A	START	1.06 PM	03 JUN 82	R50.PRI	X10B	*****	*9104-2_BEARD	*
*9104-2_BEARD	* TSU 1619	GVZ	A	START	1.06 PM	03 JUN 82	R50.PRI	X10B	*****	*9104-2_BEARD	*

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*           M V S - J E S 2   H O T   N E W S
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*
* 06-01-82 THE FULL DUPLEX TERMINAL SOFTWARE (X.25) WILL BE
*          INSTALLED ON THE DCA TO IBM LINK ON WEDNESDAY
*          EVENING AT 6 PM. (6-02-82). USERS MUST CHANGE
*          THEIR TERMINAL TO FULL DUPLEX SETTING.
*
* 05-18-82 THE PDP-10 WILL BE DOWN AT 8 AM TO 4 PM SAT.
*          JUNE 5, FOR A POWER OUTAGE IN BLDG. 4500-S.
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CONFIDENT

*** TSO FOREGROUND HARDCOPY ***
DSNAME=T.GVZ00715.LIST

1200 PWR	ATLANTA	MLM	197400	198300	198900	12000	0	0	1	0	0	1	1
400 PWR	ATLANTA	MLM	197400	198300	198900	12000	0	0	1	0	0	1	1
800 PWR	ATLANTA	MLM	197400	198300	198900	12000	0	0	1	0	0	1	1

C O N C E P T P H A S E 5 D A T A S E T S

P O W E R P L A N T T Y P E C O D E S

1	PWR	10-26-81
2	PWR1	11-06-81
3	PWR2	11-06-81
4	BWR	10-29-81
5	BWR1	11-09-81
6	BWR2	11-09-81
7	CUALS	11-02-81
8	COAL1S	11-04-81
9	COAL2S	11-04-81
10	COAL3S	11-05-81
11	COAL	10-30-81
12	COAL1	11-03-81
13	COAL2	11-03-81
14	COAL3	11-04-81

C I T Y N A M E C O D E S

1	ATLANTA	GEORGIA
2	BALTIMORE	MARYLAND
3	BIRMINGHAM	ALABAMA
4	BOSTON	MASSACHUSETTS
5	CHICAGO	ILLINOIS
6	CINCINNATI	OHIO
7	CLEVELAND	OHIO
8	DALLAS	TEXAS
9	DENVER	COLORADO
10	DETROIT	MICHIGAN
11	KANSAS CITY	KANSAS
12	LOS ANGELES	CALIFORNIA
13	MINNEAPOLIS	MINNESOTA
14	NEW ORLEANS	LOUISIANA
15	NEW YORK	NEW YORK
16	PHILADELPHIA	PENNSYLVANIA
17	PITTSBURGH	PENNSYLVANIA
18	ST. LOUIS	MISSOURI
19	SAN FRANCISCO	CALIFORNIA
20	SEATTLE	WASHINGTON
21	MONTREAL	CANADA
22	TORONTO	CANADA
23	MIDDLETOWN	USA

IF THE PLANT TYPE OR CITY SELECTED WAS NOT USED
IN COMPUTATIONS, CHECK SPELLING AND FIELD JUSTIFICATION
WITH THE AVAILABLE PLANT TYPE AND CITY NAME CODES

D A I A C A R D C O L U M N S U S E D

1--4	6-----13	15-----30	32---39	41----47	48-----54	55-----61	62--66	68	70	72	74	76	78	80
MWE	MODEL	CITY	EXTRA ID	YR SSS	YR PER	YR COP	% INT	ILAZ	IFLAG	IDF	IESC	IBS	IAC	ISTACK
1200	PWR	ATLANTA	MLM	1974.000	1983.000	1989.000	12.000	0	0	1	0	0	1	1

UNIT 1 CAPITAL INVESTMENT SUMMARY (MILLIONS OF DOLLARS)
 1200 MWE PWR (10-26-81) POWER PLANT AT ATLANTA MLM
 PWR MODEL, EEDB PHASE IV, 01/81 REGULATORY STATUS
 COST BASIS: YEAR OF STEAM SUPPLY SYSTEM PURCHASE
 DESIGN & CONSTRUCTION PERIOD: STEAM SUPPLY SYSTEM PURCHASE: 1974.000
 CONSTRUCTION PERMIT: 1983.000
 COMMERCIAL OPERATION: 1989.000

ACCOUNT NUMBER	ACCOUNT TITLE	TOTAL COSTS	EQUIPMENT LABOR MATERIAL		
			COSTS	MANHOURS	COSTS
20	LAND AND LAND RIGHTS	3	0.0	0.0	2.750
21	STRUCTURES + IMPROVEMENTS	96	5.725	8.0561	31.974
22	REACTOR PLANT EQUIPMENT	139	104.044	3.1541	7.446
23	TURBINE PLANT EQUIPMENT	109	80.662	2.7231	4.650
24	ELECTRIC PLANT EQUIPMENT	39	14.072	2.1881	5.636
25	MISCELLANEOUS PLANT EQUIPT	12	6.638	0.5301	0.884
26	MAIN COND HEAT REJECT SYS	18	13.409	0.5111	1.038
	SUBTOTAL	416	224.550	17.1621	54.378
91	CONSTRUCTION SERVICES	41		2.8761	
92	HOME OFFICE ENGRG.&SERVICE	109		20.0381	TOTAL CRAFT MANHOURS
93	FIELD OFFICE ENGRG&SERVICE	51		16.698	MANHOURS/KW
94	OWNER'S COSTS	73			
	SUBTOTAL	275			
	DIRECT & INDIRECT COSTS (\$ 576/KW)	691			
	CONTINGENCY ALLOWANCE	69			
	TOTAL DIRECT & INDIRECT COSTS (\$ 633/KW)	760			
	ESCALATION DURING CONSTRUCTION (7.7%/YR)	241			
	TOTAL ESCALATED DIRECT & INDIRECT COSTS (\$ 1418/KW)	1701			
	INTEREST DURING CONSTRUCTION COMPOUND (12.000%/YR)				
	ON DIRECT & INDIRECT COSTS	542			
	ON ESCALATION DURING CONSTRUCTION	540			
	TOTAL INTEREST DURING CONSTRUCTION (\$ 902/KW)	1082			
	TOTAL PLANT CAPITAL INVESTMENT (\$ 2319/KW)	2783			
			WEIGHTED AVERAGE ESCALATION (%/YR)		
			EQUIPMENT	LABOR	MATERIAL
			7.8	7.3	8.2

DATE 06-03-82 C O N C E P T C O S T E S T I M A T E S (P H A S E 5)
 UNIT 1 CAPITAL INVESTMENT DETAIL COSTS (THOUSANDS OF DOLLARS)
 1200 MWE PWR (10-26-81) POWER PLANT AT: ATLANTA MLM
 PWR MODEL, EEDF PHASE IV, 01/81 REGULATORY STATUS
 COST BASIS: YEAR OF STEAM SUPPLY SYSTEM PURCHASE

STEAM SUPPLY SYSTEM PURCHASE: 1974.000
 CONSTRUCTION PERMIT: 1983.000
 COMMERCIAL OPERATION: 1989.000

	1974.0	1978.0	1982.0	1986.0	1990.0
C A P I T A L	2800 +				
C O S T	2800 +				
I M P L I M E N T A T I O N S	1800 +				
D E F U D L L A R S	1000 +				
C O S T	2000 +				
C O S T	2200 +				
C O S T	2400 +				
C O S T	2600 +				
C O S T	2800 +				
C O S T	1800 +				
C O S T	1600 +				
C O S T	1400 +				
C O S T	1200 +				
C O S T	1000 +				
C O S T	800 +				
C O S T	600 +				
C O S T	400 +				
C O S T	200 +				
C O S T	0 +				

DATE 06-03-82 CONCEPT COST ESTIMATES (PHASE 5)
 UNIT 1 CAPITAL INVESTMENT DETAIL COSTS (THOUSANDS OF DOLLARS)
 1200 MWE PWR (10-26-81) POWER PLANT AT: ATLANTA MLM
 PWR MODEL, EEDB PHASE IV, 01/81 REGULATORY STATUS
 COST BASIS: YEAR OF STEAM SUPPLY SYSTEM PURCHASE

PAGE 4
 STEAM SUPPLY SYSTEM PURCHASE: 1974.000
 CONSTRUCTION PERMIT: 1983.000
 COMMERCIAL OPERATION: 1989.000

CUMULATIVE CASH FLOW

BOTH THE CASH FLOW CURVE SHOWN ABOVE AND THE FOLLOWING CASH FLOW TABLE
 HAVE COSTS EXPRESSED AS TOTAL COST INCURRED TO DATE (INCLUDING INTEREST CHARGES TO DATE).

DATE	COST TO DATE (MILLIONS OF DOLLARS)
1974.000	0.0
1974.300	0.0
1974.600	3.835
1974.900	3.968
1975.200	5.149
1975.500	5.327
1975.800	5.512
1976.100	8.139
1976.400	8.420
1976.700	10.907
1977.000	11.285
1977.300	17.238
1977.600	17.834
1977.900	18.451
1978.200	26.277
1978.500	27.186
1978.800	37.241
1979.100	38.529
1979.400	39.862
1979.700	52.055
1980.000	53.856
1980.300	68.069
1980.600	70.424
1980.900	88.859
1981.200	91.934
1981.500	95.114
1981.800	118.443
1982.100	122.540
1982.400	149.358
1982.700	154.525
1983.000	211.627
1983.300	284.992
1983.600	374.640
1983.900	431.371
1984.200	523.275
1984.500	655.722
1984.800	851.893
1985.100	991.632
1985.400	1149.082
1985.700	1337.057
1986.000	1451.935
1986.300	1665.661
1986.600	1858.762
1986.900	2014.126
1987.200	2142.678
1987.500	2256.947
1987.800	2360.914
1988.100	2476.784
1988.400	2577.099