

500 Bayfront Parkway
Pensacola, FL 32520

Tel 904.444.6000

ORIGINAL
FILE COPY



September 3, 1997

Ms. Blanca S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee FL 32399-0870

Dear Ms. Bayo:

RE: Docket No. 970843-EI

Enclosed are an original and fifteen copies of Gulf Power Company's response to Staff's Informational Request that was mailed to Ms. Patricia Lee in the Division of Auditing and Financial Analysis on August 28, 1997. Ms. Lee has the diskette that is referred to in question number 20.

Sincerely,

Susan D. Cranmer

Susan D. Cranmer
Assistant Secretary and Assistant Treasurer

ACK 7/lee
AFA lw
APP _____
CAF _____
CMU _____
CTR _____
EAG 1
LEG 5
LIN 5
OPC _____
RCH _____
SEC 1
WAS _____
OTH _____

Enclosure

cc w/att: Beggs and Lane
Jeffrey A. Stone, Esquire
cc w/o att: Florida Public Service Commission
Patricia Lee
Gulf Power Company
Carlos A. Punyko
Southern Company Services
J. P. Williamson

RECEIVED
MAIL ROOM
97 SEP -4 11 8 02

DOCUMENT NUMBER-DATE
08914 SEP-46
FPSC-RECORDS/REPORTING

500 Bayfront Parkway
Pensacola, FL 32520

Tel 904.444.6000

ORIGINAL
FILE COPY



August 28, 1997

Ms. Patricia S. Lee
Utility Systems Communications Engineer Supervisor
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee FL 32399-0870

Dear Ms. Lee

RE: Docket No. 970643-EI

Enclosed is Gulf Power Company's response to Staff's Information Request to be filed in the above docket.

Sincerely,

Susan D. Cranmer
Assistant Secretary and Assistant Treasurer

cb

Enclosure

cc: R. G. Livingston
C. A. Punyko

cc w/o enc: R. R. Labrato

DOCUMENT NUMBER-DATE
08914 SEP-45
FPSC-RECORDS/REPORTING

Staff Information Request
Docket No. 970643-EI
GULF POWER COMPANY
PRODUCTION PLANT
August 28, 1997
Item No. 1
Page 1 of 1

The study states that GULF has addressed interim retirements for each of its production plants in an approach similar to Tampa Electric. Each retirement unit has been reviewed and stratified into a life category from 1-20 years, 21-35 years, or 36 years through the life-of-plant. These categories were then the basis for determining the Average Lives for each generating plant.

Staff has reviewed the sample detailed schedules provided under Tab 6 of the study and we have several questions.

1. Pages 44-46 are rather difficult to read. Staff would appreciate another copy. We will also need the similar pages for each of your production plants.

RESPONSE

The "Forecast Analysis" for all of Gulf Power Company's production plants are attached.

LOC	NAME	UNIT	RET
1101	CRIST STEAM PLANT COMMON	0	2010
1101	CRIST STEAM PLANT UNIT 1	1	2011
1101	CRIST STEAM PLANT UNIT 2	2	2011
1101	CRIST STEAM PLANT UNIT 3	3	2011
1101	CRIST STEAM PLANT UNIT 4	4	2014
1101	CRIST STEAM PLANT UNIT 5	5	2016
1101	CRIST STEAM PLANT UNIT 6	6	2015
1101	CRIST STEAM PLANT UNIT 7	7	2018
1111	SCHULTZ STEAM PLANT COMMON	0	2011
1111	SCHULTZ STEAM PLANT UNIT 1	1	2011
1111	SCHULTZ STEAM PLANT UNIT 2	2	2011
1121	SMITH STEAM PLANT COMMON	0	2017
1121	SMITH STEAM PLANT UNIT 1	1	2018
1121	SMITH STEAM PLANT UNIT 2	2	2017
1141	PLANT DANIEL UNIT 1	1	2027
1142	PLANT DANIEL UNIT 2	2	2051
1143	PLANT DANIEL COMMON	0	2051
1144	PLANT DANIEL RAIL TRACKS	0	2051
1145	SCHERER CHN 17.52	0	2042
1145	SCHERER CHN 4.52	0	2042
1145	SCHERER UNIT 3	3	2042
1401	SMITH 40MW COMBUSTION TURB	0	2006

**GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY**

14:12 Tuesday - April 15, 1997 2

	VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRIAL
OTHER PRODUCTION										
LOCATION NUMBER = 1481 UNIT = 0										
SMITH 40MM COMBUSTION TURB										
ACCOUNT 341										
GROUP 5 Through Retirement Date of Unit										
	1995	1,343	2004	11.0	0.5		837	0	385	1,030
	1995	1,343	2004	11.0	0.5		837	0	385	1,030
	1995	27,485	2004	17.0	0.5		3,222	0	13,693	13,692
	1995	443	2004	21.0	0.5		45	0	443	0
	1982	534,824	2004	24.0	0.5		54,143	0	345,448	189,418
	1978	2,429	2004	28.0	0.5		126	0	1,645	785
	1976	548	2004	30.0	0.5		25	0	343	185
	1975	118	2004	31.0	0.5		5	0	63	32
	1972	6,940	2004	34.0	0.5		248	0	5,130	1,710
	1971	122,738	2004	35.0	0.5		4,432	0	92,930	29,808
341 3		696,768		25.0	16.0	8.5	43,616	0	459,305	237,463
341 3		INTERIM NET SALVAGE Z = 0								
ACCOUNT 341		696,768		25.0	16.0	8.5	43,616	0	459,305	237,463
ACCOUNT VIN		INTERIM NET SALVAGE Z = 0								
ACCOUNT 342										

[illegible]

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 3

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
342 3	283,273		25.5	13.5	8.5	21,036	0	188,929	94,353	11,100
342 3	INTERIM NET SALVAGE Z = 0									
ACCOUNT 342	283,273		25.5	13.5	8.5	21,036	0	188,929	94,353	11,100
ACCOUNT 342	INTERIM NET SALVAGE Z = 0									
ACCOUNT 343										
GROUP 3	Through Retirement Date of Unit									
1998	22,237	2006	16.0	7.5	8.5	2,965	0	18,424	11,817	1,390
1999	4,982	2006	26.0	17.5	8.5	205	0	3,353	1,629	192
1998	48	2006	28.0	19.5	8.5	2	0	28	12	1
1977	13,727	2006	27.0	21.5	8.5	678	0	9,704	4,812	473
1971	35,664	2006	35.0	26.5	8.5	1,344	0	27,086	8,662	1,019
343 3	76,654		24.9	14.6	8.5	5,268	0	50,515	26,139	3,075
343 3	INTERIM NET SALVAGE Z = 0									
ACCOUNT 343	76,654		24.9	14.6	8.5	5,268	0	50,515	26,139	3,075
ACCOUNT 343	INTERIM NET SALVAGE Z = 0									
ACCOUNT 344										
GROUP 3	Through Retirement Date of Unit									
1972	3,234	2006	34.0	25.5	8.5	127	0	2,426	888	95
1971	3,060,242	2006	35.0	26.5	8.5	115,461	0	2,317,040	743,292	87,436
344 3	3,063,476		35.0	26.5	8.5	115,608	0	2,319,466	744,010	87,531

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 4

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
344 3	INTERIM NET SALVAGE Z = 0									
ACCOUNT 344	3,063,476		35.0	26.5	8.5	115,608	0	2,319,466	744,010	87,531
ACCOUNT 344	INTERIM NET SALVAGE Z = 0									
ACCOUNT 345										
GROUP 3	Through Retirement Date of Unit									
1989	17,678	2006	17.0	8.5	8.5	2,079	0	8,835	8,835	1,839
1972	5,385	2006	34.0	25.5	8.5	133	0	2,839	844	188
1971	105,798	2006	35.0	26.5	8.5	3,009	0	88,836	25,672	3,020
345 3	126,763		30.5	20.4	8.5	6,201	0	91,410	35,353	4,159
345 3	INTERIM NET SALVAGE Z = 0									
ACCOUNT 345	126,763		30.5	20.4	8.5	6,201	0	91,410	35,353	4,159
ACCOUNT 345	INTERIM NET SALVAGE Z = 0									
ACCOUNT 346										
GROUP 3	Through Retirement Date of Unit									
1977	4,838	2006	34.0	25.5	8.5	132	0	3,228	73	0
1971		2006	35.0	26.5	8.5	163	0	3,277	981	115
346 3	4,331		34.9	26.6	8.5	163	0	3,277	1,054	124
346 3	INTERIM NET SALVAGE Z = 0									
ACCOUNT 346	4,331		34.9	26.6	8.5	163	0	3,277	1,055	124

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 5

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
ACCOUNT 346	INTERIM NET SALVAGE X = 0									
UNIT 0	4,251,265		31.7	22.2	8.5	191,892	0	3,112,893	1,138,372	133,925
UNIT 0	INTERIM NET SALVAGE X = 0									
LOCATION 1401	4,251,265		31.7	22.2	8.5	191,892	0	3,112,893	1,138,372	133,925
1401	INTERIM NET SALVAGE X = 0									

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 6

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
TOTAL OTHER	4,251,265		31.7	22.2	8.5	191,892	0	3,112,893	1,138,372	133,925
OTHER	INTERIM NET SALVAGE X = 0									

14:12 Tuesday, April 15, 1997 7

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCURAL
STEAM PRODUCTION									
LOCATION NUMBER = 1101 UNIT = 0									
CRIST STEAM PLANT CONDOM									
ACCOUNT 311									
GROUP 0									
1982	0	:	:	15.5	0.0	0	0	:	:
1983	0	:	:	15.5	0.0	0	0	:	:
311 0	0	:	:	.	.	0	0	:	:
311 0	INTERIM NET SALVAGE X = 0								
GROUP 5 Through Retirement Date of Unit									
1984	1,014,847	2018	02	0	0	676	0	69	160
1985	1,014,847	2018	02	0	0	676	0	69	160
1986	1,014,847	2018	02	0	0	676	0	69	160
1987	1,014,847	2018	02	0	0	676	0	69	160
1988	1,014,847	2018	02	0	0	676	0	69	160
1989	1,014,847	2018	02	0	0	676	0	69	160
1990	1,014,847	2018	02	0	0	676	0	69	160
1991	1,014,847	2018	02	0	0	676	0	69	160
1992	1,014,847	2018	02	0	0	676	0	69	160
1993	1,014,847	2018	02	0	0	676	0	69	160
1994	1,014,847	2018	02	0	0	676	0	69	160
1995	1,014,847	2018	02	0	0	676	0	69	160
1996	1,014,847	2018	02	0	0	676	0	69	160
1997	1,014,847	2018	02	0	0	676	0	69	160
1998	1,014,847	2018	02	0	0	676	0	69	160
1999	1,014,847	2018	02	0	0	676	0	69	160
2000	1,014,847	2018	02	0	0	676	0	69	160
2001	1,014,847	2018	02	0	0	676	0	69	160
2002	1,014,847	2018	02	0	0	676	0	69	160
2003	1,014,847	2018	02	0	0	676	0	69	160
2004	1,014,847	2018	02	0	0	676	0	69	160
2005	1,014,847	2018	02	0	0	676	0	69	160
2006	1,014,847	2018	02	0	0	676	0	69	160
2007	1,014,847	2018	02	0	0	676	0	69	160
2008	1,014,847	2018	02	0	0	676	0	69	160
2009	1,014,847	2018	02	0	0	676	0	69	160
2010	1,014,847	2018	02	0	0	676	0	69	160
2011	1,014,847	2018	02	0	0	676	0	69	160
2012	1,014,847	2018	02	0	0	676	0	69	160
2013	1,014,847	2018	02	0	0	676	0	69	160
2014	1,014,847	2018	02	0	0	676	0	69	160
2015	1,014,847	2018	02	0	0	676	0	69	160
2016	1,014,847	2018	02	0	0	676	0	69	160
2017	1,014,847	2018	02	0	0	676	0	69	160
2018	1,014,847	2018	02	0	0	676	0	69	160
2019	1,014,847	2018	02	0	0	676	0	69	160
2020	1,014,847	2018	02	0	0	676	0	69	16

14:12 Tuesday, April 15, 1997 8

YR	BALANCE 12/97	NET	ABL	AGE	ABL	AGE	WEIGHT	INTERIN	SAL	CALC.	RESERVE	UNRECOVERED	ACCRUAL
1977	228,473	228,473	228,473	47.0	228,473	47.0	0	0	0	1,111,485	183,473	5,438	
1978	6,448,923	6,448,923	6,448,923	44.0	242,923	44.0	242,923	0	0	3,111,485	2,048,923	134,438	
1979	17,438,923	17,438,923	17,438,923	41.0	0	41.0	0	0	0	1,111,485	1,111,485	111,485	
1980	17,438,923	17,438,923	17,438,923	38.0	0	38.0	0	0	0	1,111,485	1,111,485	111,485	
1981	17,438,923	17,438,923	17,438,923	35.0	0	35.0	0	0	0	1,111,485	1,111,485	111,485	
1982	17,438,923	17,438,923	17,438,923	32.0	0	32.0	0	0	0	1,111,485	1,111,485	111,485	
1983	17,438,923	17,438,923	17,438,923	29.0	0	29.0	0	0	0	1,111,485	1,111,485	111,485	
1984	17,438,923	17,438,923	17,438,923	26.0	0	26.0	0	0	0	1,111,485	1,111,485	111,485	
1985	17,438,923	17,438,923	17,438,923	23.0	0	23.0	0	0	0	1,111,485	1,111,485	111,485	
1986	17,438,923	17,438,923	17,438,923	20.0	0	20.0	0	0	0	1,111,485	1,111,485	111,485	
1987	17,438,923	17,438,923	17,438,923	17.0	0	17.0	0	0	0	1,111,485	1,111,485	111,485	
1988	17,438,923	17,438,923	17,438,923	14.0	0	14.0	0	0	0	1,111,485	1,111,485	111,485	
1989	17,438,923	17,438,923	17,438,923	11.0	0	11.0	0	0	0	1,111,485	1,111,485	111,485	
1990	17,438,923	17,438,923	17,438,923	8.0	0	8.0	0	0	0	1,111,485	1,111,485	111,485	
1991	17,438,923	17,438,923	17,438,923	5.0	0	5.0	0	0	0	1,111,485	1,111,485	111,485	
1992	17,438,923	17,438,923	17,438,923	2.0	0	2.0	0	0	0	1,111,485	1,111,485	111,485	
1993	17,438,923	17,438,923	17,438,923	0.0	0	0.0	0	0	0	1,111,485	1,111,485	111,485	
1994	17,438,923	17,438,923	17,438,923	0.0	0	0.0	0	0	0	1,111,485	1,111,485	111,485	
1995	17,438,923	17,438,923	17,438,923	0.0	0	0.0	0	0	0	1,111,485	1,111,485	111,485	
1996	17,438,923	17,438,923	17,438,923	0.0	0	0.0	0	0	0	1,111,485	1,111,485	111,485	
1997	17,438,923	17,438,923	17,438,923	0.0	0	0.0	0	0	0	1,111,485	1,111,485	111,485	
1998	17,438,923	17,438,923	17,438,923	0.0	0	0.0	0	0	0	1,111,485	1,111,485	111,485	
1999	17,438,923	17,438,923	17,438,923	0.0	0	0.0	0	0	0	1,111,485	1,111,485	111,485	
2000	17,438,923	17,438,923	17,438,923	0.0	0	0.0	0	0	0	1,111,485	1,111,485	111,485	
2001	17,438,923	17,438,923	17,438,923	0.0	0	0.0	0	0	0	1,111,485	1,111,485	111,485	
2002	17,438,923	17,438,923	17,438,923	0.0	0	0.0	0	0	0	1,111,485	1,111,485	111,485	
2003	17,438,923	17,438,923	17,438,923	0.0	0	0.0	0	0	0	1,111,485	1,111,485	111,485	
2004	17,438,923	17,438,923	17,438,923	0.0	0	0.0	0	0	0	1,111,485	1,111,485	111,485	
2005	17,438,923</												

14:12 Tuesday, April 15, 1997 9

312 1	4,237,459	29.8	12.8	8.7	330,208	-435,619	2,507,968	1,729,491	199,293
-------	-----------	------	------	-----	---------	----------	-----------	-----------	---------

512 1 INTERIM NET SALVAGE 2 = -15

GROUP 2 21 To 35 Year Service Life

[illegible]

14:12 Tuesday, April 15, 1997 10

[illegible]

312 2	28,877,313	27.9 4.3 20.0	6,699,196	-644,276	8,261,170	28,616,143	1,030,694
-------	------------	---------------	-----------	----------	-----------	------------	-----------

312 2 INTERIM NET SALVAGE 2 = -2

GROUP 3 36 To Retirement Date of Unit

[illegible]

SEAF POWER COMPANY
 PRODUCTION PLANT
 FORECAST ANALYSIS
 (HARMONIC WEIGHTED)
 1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 11

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
1978	298,478	2018	48.0	27.5	20.5	10,854	0	171,883	127,478	6,218
1981	1,042	2018	48.0	27.5	20.5	1,042	0	67	30	0
1982	1,042	2018	48.0	27.5	20.5	1,042	0	67	30	0
1983	1,042	2018	48.0	27.5	20.5	1,042	0	67	30	0
1984	1,042	2018	48.0	27.5	20.5	1,042	0	67	30	0
1985	1,042	2018	48.0	27.5	20.5	1,042	0	67	30	0
1986	1,042	2018	48.0	27.5	20.5	1,042	0	67	30	0
1987	1,042	2018	48.0	27.5	20.5	1,042	0	67	30	0
1988	1,042	2018	48.0	27.5	20.5	1,042	0	67	30	0
1989	1,042	2018	48.0	27.5	20.5	1,042	0	67	30	0
1990	1,042	2018	48.0	27.5	20.5	1,042	0	67	30	0
1991	1,042	2018	48.0	27.5	20.5	1,042	0	67	30	0
1992	1,042	2018	48.0	27.5	20.5	1,042	0	67	30	0
1993	1,042	2018	48.0	27.5	20.5	1,042	0	67	30	0
1994	1,042	2018	48.0	27.5	20.5	1,042	0	67	30	0
312 3	28,360,512		51.3	5.4	20.5	5,253,454	0	9,792,780	10,567,732	905,742
312 3	INTERIM NET SALVAGE X = 0									
ACCOUNT 312	61,475,284		28.5	5.0	19.2	12,282,858	-1,299,895	20,561,918	40,913,366	2,135,729
ACCOUNT 312	INTERIM NET SALVAGE X = -2									
ACCOUNT 314										
GROUP 1 0 To 20 Year Service Life										
1994	148,472	2014	28.0	3.5	14.5	40,135	-21,971	24,563	115,889	7,826
1981	71,927	2014	28.0	3.5	14.5	4,135	-18,759	11,250	11,250	1,250
1982	71,927	2014	28.0	3.5	14.5	4,135	-18,759	11,250	11,250	1,250
1983	71,927	2014	28.0	3.5	14.5	4,135	-18,759	11,250	11,250	1,250
1984	71,927	2014	28.0	3.5	14.5	4,135	-18,759	11,250	11,250	1,250
1985	71,927	2014	28.0	3.5	14.5	4,135	-18,759	11,250	11,250	1,250
1986	71,927	2014	28.0	3.5	14.5	4,135	-18,759	11,250	11,250	1,250
1987	71,927	2014	28.0	3.5	14.5	4,135	-18,759	11,250	11,250	1,250
1988	71,927	2014	28.0	3.5	14.5	4,135	-18,759	11,250	11,250	1,250
1989	71,927	2014	28.0	3.5	14.5	4,135	-18,759	11,250	11,250	1,250
1990	71,927	2014	28.0	3.5	14.5	4,135	-18,759	11,250	11,250	1,250
1991	71,927	2014	28.0	3.5	14.5	4,135	-18,759	11,250	11,250	1,250
1992	71,927	2014	28.0	3.5	14.5	4,135	-18,759	11,250	11,250	1,250
1993	71,927	2014	28.0	3.5	14.5	4,135	-18,759	11,250	11,250	1,250
314 1	474,973		28.0	8.3	8.3	57,319	-71,246	336,150	138,823	16,681
314 1	INTERIM NET SALVAGE X = -15									
GROUP 2 21 To 35 Year Service Life										
1994	348,118	2014	26.0	3.5	20.5	97,177	0	49,601	290,517	14,172
1986	27,485	2014	26.0	3.5	20.5	2,966	0	8,742	18,543	925

SEAF POWER COMPANY
 PRODUCTION PLANT
 FORECAST ANALYSIS
 (HARMONIC WEIGHTED)
 1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 12

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
1985	275,525	2015	33.0	12.5	20.5	22,542	0	184,346	171,159	8,349
1986	15,525	2015	33.0	12.5	20.5	1,130	0	6,254	5,125	449
1987	448,741	2015	33.0	12.5	20.5	34,915	0	185,788	265,841	12,887
1981	13,576	2016	33.0	14.0	18.5	817	-2,821	4,353	7,121	185
1980	174,976	2015	33.0	14.0	18.5	9,729	-25,744	87,488	87,488	4,999
1979	173,514	2015	33.0	14.0	18.5	9,574	-25,812	91,842	81,782	4,955
1978	16,186	2015	33.0	14.0	18.5	859	-2,454	9,882	7,186	682
1977	895,317	2015	33.0	14.0	18.5	41,441	-5	10	348,527	25,899
1976	895,317	2015	33.0	14.0	18.5	1,948	-4,461	550,278	15,322	1,227
1975	43,837	2015	33.0	14.0	18.5	7	-25	27,687	15,322	1,227
1974	146	2019	33.0	22.5	18.5	13	-49	348,272	147,976	14,895
1973	495,346	2008	33.0	22.5	18.5	20,132	-75,967	348,272	147,976	14,895
1972	326	2007	33.0	22.5	18.5	13	-49	258	88	9
1971	884,682	2006	33.0	22.5	18.5	32,249	-128,198	647,864	287,246	26,017
1970	18,765	2005	33.0	22.5	18.5	682	-2,815	14,744	6,821	536
314 2	3,790,624		33.4	13.9	14.6	271,844	-482,583	2,134,281	1,686,343	113,379
314 2	INTERIM NET SALVAGE X = -11									
GROUP 3	36 To Retirement Date of Unit									
1994	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1989	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1988	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1987	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1986	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1985	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1984	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1983	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1982	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1981	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1980	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1979	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1978	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1977	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1976	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1975	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1974	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1973	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1972	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1971	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1970	13,584	2018	24.0	3.5	20.5	3,584	0	1,792	11,792	596
1961	58,284	2018	28.0	3.5	20.5	19,171	0	2,821	11,792	596
1960	317,444	2018	28.0	3.5	20.5	19,171	0	2,821	11,792	596
1959	84,388	2018	28.0	3.5	20.5	19,171	0	2,821	11,792	596
1958	-82,455	2018	28.0	3.5	20.5	19,171	0	2,821	11,792	596
1957	816	2018	28.0	3.5	20.5	19,171	0	2,821	11,792	596
1945	95,453	2018	73.0	52.5	20.5	1,818	0	60,846	26,607	1,368

14:12 Tuesday, April 15, 1997 13

	VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
314 3		14,788,167		42.9	21.5	20.5	608,810	0	7,600,432	7,074,755	345,110
314 3		INTERIM NET SALVAGE X = 0									
ACCOUNT 314		19,020,704		39.6	18.7	18.7	1,016,673	-478,029	10,150,063	0,009,921	475,170
ACCOUNT 314		INTERIM NET SALVAGE X = -2									

ACCOUNT 315

GROUP 1 0 To 20 Year Service Life

[illegible]

GROUP 2 21 To 35 Year Service Life

[illegible]

14:12 Tuesday, April 15, 1997 14

YIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIN	SAL	CALC. RESERVE	UNRECOVERED	ACCURAL
1988	20,790	20,790	10.0	9	20	2	400	0	7,860	16,930	826
1987	220,743	220,743	10.0	10	20	21	379	0	7,860	164,443	7,261
1986	7,743	7,743	10.0	11	20	18	267	0	7,743	0,974	5,761
1985	7,743	7,743	10.0	12	20	15	267	0	7,743	5,761	5,761
1984	7,743	7,743	10.0	13	20	12	267	0	7,743	11,522	11,522
1983	1,000,000	1,000,000	10.0	14	20	9	412	0	299,113	6,974	18,490
1982	1,000,000	1,000,000	10.0	15	20	6	412	0	789,887	1,115,436	54,416
1981	1,000,000	1,000,000	10.0	16	20	3	412	0	97,278	112,470	9,973
1980	1,000,000	1,000,000	10.0	17	20	0	412	0	179,885	150,187	9,694
1979	1,000,000	1,000,000	10.0	18	20	-21	357	0	-4,444	182,000	7,100
1978	1,000,000	1,000,000	10.0	19	20	-37	278	0	-249,889	643,526	49,388
1977	1,000,000	1,000,000	10.0	20	20	-249	889	0	1,823,573	0,820	4,718
1976	1,000,000	1,000,000	10.0	21	20	-249	889	0	1,823,573	0,820	4,718
1975	1,000,000	1,000,000	10.0	22	20	-249	889	0	1,823,573	0,820	4,718
1974	1,000,000	1,000,000	10.0	23	20	-249	889	0	1,823,573	0,820	4,718
1973	1,000,000	1,000,000	10.0	24	20	-249	889	0	1,823,573	0,820	4,718
1972	1,000,000	1,000,000	10.0	25	20	-249	889	0	1,823,573	0,820	4,718
1971	1,000,000	1,000,000	10.0	26	20	-249	889	0	1,823,573	0,820	4,718
1970	1,000,000	1,000,000	10.0	27	20	-249	889	0	1,823,573	0,820	4,718
1969	1,000,000	1,000,000	10.0	28	20	-249	889	0	1,823,573	0,820	4,718
1968	1,000,000	1,000,000	10.0	29	20	-249	889	0	1,823,573	0,820	4,718
1967	1,000,000	1,000,000	10.0	30	20	-249	889	0	1,823,573	0,820	4,718
1966	1,000,000	1,000,000	10.0	31	20	-249	889	0	1,823,573	0,820	4,718
1965	1,000,000	1,000,000	10.0	32	20	-249	889	0	1,823,573	0,820	4,718
1964	1,000,000	1,000,000	10.0	33	20	-249	889	0	1,823,573	0,820	4,718
1963	1,000,000	1,000,000	10.0	34	20	-249	889	0	1,823,573	0,820	4,718
1962	1,000,000	1,000,000	10.0	35	20	-249	889	0	1,823,573	0,820	4,718
1961	1,000,000	1,000,000	10.0	36	20	-249	889	0	1,823,573	0,820	4,718
1960	1,000,000	1,000,000	10.0	37	20	-249	889	0	1,823,573	0,820	4,718
1959	1,000,000	1,000,000	10.0	38	20	-249	889	0	1,823,573	0,820	4,718
1958	1,000,000	1,000,000	10.0	39	20	-249	889	0	1,823,573	0,820	4,718
1957	1,000,000	1,000,000	10.0	40	20	-249	889	0	1,823,573	0,820	4,718
1956	1,000,000	1,000,000	10.0	41	20	-249	889	0	1,823,573	0,820	4,718
1955	1,000,000	1,000,000	10.0	42							

315 2	6,328,574	32.7	9.5	18.1	678,415	-509,033	2,882,573	3,526,881	194,969	
315 2	INTERIN NET SALVAGE X = -4									

GROUP 3 36 To Retirement Date of Unit

1977
1985
1986
1983
1981
1980
1979
1978
1977
1976
1975
1974
1973
1972
1971
1970
1969
1968
1967
1966
1965
1964
1963
1962
1961
1960
1959
1958
1957
1956
1955
1954
1953
1952
1951
1950
1949
1948
1947
1946
1945
1944
1943
1942
1941
1940
1939
1938
1937
1936
1935
1934
1933
1932
1931
1930
1929
1928
1927
1926
1925
1924
1923
1922
1921
1920
1919
1918
1917
1916
1915
1914
1913
1912
1911
1910
1909
1908
1907
1906
1905
1904
1903
1902
1901
1900
1899
1898
1897
1896
1895
1894
1893
1892
1891
1890
1889
1888
1887
1886
1885
1884
1883
1882
1881
1880
1879
1878
1877
1876
1875
1874
1873
1872
1871
1870
1869
1868
1867
1866
1865
1864
1863
1862
1861
1860
1859
1858
1857
1856
1855
1854
1853
1852
1851
1850
1849
1848
1847
1846
1845
1844
1843
1842
1841
1840
1839
1838
1837
1836
1835
1834
1833
1832
1831
1830
1829
1828
1827
1826
1825
1824
1823
1822
1821
1820
1819
1818
1817
1816
1815
1814
1813
1812
1811
1810
1809
1808
1807
1806
1805
1804
1803
1802
1801
1800
1799
1798
1797
1796
1795
1794
1793
1792
1791
1790
1789
1788
1787
1786
1785
1784
1783
1782
1781
1780
1779
1778
1777
1776
1775
1774
1773
1772
1771
1770
1769
1768
1767
1766
1765
1764
1763
1762
1761
1760
1759
1758
1757
1756
1755
1754
1753
1752
1751
1750
1749
1748
1747
1746
1745
1744
1743
1742
1741
1740
1739
1738
1737
1736
1735
1734
1733
1732
1731
1730
1729
1728
1727
1726
1725
1724
1723
1722
1721
1720
1719
1718
1717
1716
1715
1714
1713
1712
1711
1710
1709
1708
1707
1706
1705
1704
1703
1702
1701
1700
1699
1698
1697
1696
1695
1694
1693
1692
1691
1690
1689
1688
1687
1686
1685
1684
1683
1682
1681
1680
1679
1678
1677
1676
1675
1674
1673
1672
1671
1670
1669
1668
1667
1666
1665
1664
1663
1662
1661
1660
1659
1658
1657
1656
1655
1654
1653
1652
1651
1650
1649
1648
1647
1646
1645
1644
1643
1642
1641
1640
1639
1638
1637
1636
1635
1634
1633
1632
1631
1630
1629
1628
1627
1626
1625
1624
1623
1622
1621
1620
1619
1618
1617
1616
1615
1614
1613
1612
1611
1610
1609
1608
1607
1606
1605
1604
1603
1602
1601
1600
1599
1598
1597
1596
1595
1594
1593
1592
1591
1590
1589
1588
1587
1586
1585
1584
1583
1582
1581
1580
1579
1578
1577
1576
1575
1574
1573
1572
1571
1570
1569
1568
1567
1566
1565
1564
1563
1562
1561
1560
1559
1558
1557
1556
1555
1554
1553
1552
1551
1550
1549
1548
1547
1546
1545
1544
1543
1542
1541
1540
1539
1538
1537
1536
1535
1534
1533
1532
1531
1530
1529
1528
1527
1526
1525
1524
1523
1522
1521
1520
1519
1518
1517
1516
1515
1514
1513
1512
1511
1510
1509
1508
1507
1506
1505
1504
1503
1502
1501
1500
1499
1498
1497
1496
1495
1494
1493
1492
1491
1490
1489
1488
1487
1486
1485
1484
1483
1482
1481
1480
1479
1478
1477
1476
1475
1474
1473
1472
1471
1470
1469
1468
1467
1466
1465
1464
1463
1462
1461
1460
1459
1458
1457
1456
1455
1454
1453
1452
1451
1450
1449
1448
1447
1446
1445
1444
1443
1442
1441
1440
1439
1438
1437
1436
1435
1434
1433
1432
1431
1430
1429
1428
1427
1426
1425
1424
1423
1422
1421
1420
1419
1418
1417
1416
1415
1414
1413
1412
1411
1410
1409
1408
1407
1406
1405
1404
1403
1402
1401
1400
1399
1398
1397
1396
1395
1394
1393
1392
1391
1390
1389
1388
1387
1386
1385
1384
1383
1382
1381
1380
1379
1378
1377
1376
1375
1374
1373
1372
1371
1370
1369
1368
1367
1366
1365
1364
1363
1362
1361
1360
1359
1358
1357
1356
1355
1354
1353
1352
1351
1350
1349
1348
1347
1346
1345
1344
1343
1342
1341
1340
1339
1338
1337
1336
1335
1334
1333
1332
1331
1330
1329
1328
1327
1326
1325
1324
1323
1322
1321
1320
1319
1318
1317
1316
1315
1314
1313
1312
1311
1310
1309
1308
1307
1306
1305
1304
13

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 15

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
315 3	3,464,102		36.5	15.5	20.5	223,577	0	1,519,040	1,945,062	94,880
315 3	INTERIM NET SALVAGE X = 0									
ACCOUNT 315	10,630,962		32.2	10.9	18.1	976,601	-514,776	4,977,442	5,653,520	312,095
ACCOUNT 315	INTERIM NET SALVAGE X = -5									
ACCOUNT 316										
GROUP 1	0 To 20 Year Service Life									
1995	1,948	2015	20.0	0.0	17.5	3,619	-232	194	3,354	77
1996	12,353	2014	20.0	0.0	16.5	3,538	-1,857	2,167	10,714	629
1997	84,688	2013	20.0	0.0	15.5	15,398	-12,783	23,209	61,799	4,720
1998	45,856	2012	20.0	0.0	14.5	6,747	-4,579	10,280	39,000	2,795
1999	89,184	2011	20.0	0.0	13.5	10,691	-12,828	34,270	75,116	4,989
2000	119,464	2010	20.0	0.0	12.5	12,727	-10,977	42,182	111,979	9,089
2001	124,904	2009	20.0	0.0	11.5	11,879	-9,950	39,851	105,853	8,085
2002	243,837	2008	20.0	0.0	10.5	21,843	-30,139	164,370	223,834	15,745
2003	17,617	2007	20.0	0.0	9.5	1,215	-2,643	12,772	4,945	151
2004	269,479	2006	20.0	0.0	8.5	17,586	-46,422	288,046	64,633	15,471
2005	5,997	2005	20.0	0.0	7.5	1,343	-900	2,247	750	300
2006	22,460	2004	20.0	0.0	6.5	1,214	-3,570	29,783	1,685	1,123
2007	35,469	2003	20.0	0.0	5.5	1,440	-5,820	35,469	0	0
2008	182	2002	20.0	0.0	4.5	15	-10	0	0	0
2009	483	2001	20.0	0.0	3.5	15	-10	0	0	0
2010	100	2000	20.0	0.0	2.5	12	-8	0	0	0
2011	531	1999	20.0	0.0	1.5	12	-8	0	0	0
2012	59	1998	20.0	0.0	0.5	1	-9	0	0	0
316 1	1,206,990		29.0	10.1	8.8	119,916	-181,050	609,670	517,320	50,580
316 1	INTERIM NET SALVAGE X = -15									

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 16

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
GROUP 2	21 To 35 Year Service Life									
1996	183,273	2018	22.0	1.0	20.5	68,849	0	7,041	96,232	4,694
1997	75,228	2017	22.0	0.0	19.5	30,991	0	8,177	67,051	3,271
1998	4,161	2016	22.0	0.0	18.5	821	0	1,730	3,263	164
1999	361,992	2015	22.0	0.0	17.5	42,577	0	104,875	258,117	12,220
2000	14,793	2014	22.0	0.0	16.5	1,357	0	4,484	10,109	493
2001	48,874	2013	22.0	0.0	15.5	3,844	0	13,753	40,821	1,493
2002	1,461	2012	22.0	0.0	14.5	291	0	1,282	2,142	104
2003	288,729	2011	22.0	0.0	13.5	1,152	0	4,455	28,424	436
2004	291,499	2010	22.0	0.0	12.5	1,152	0	128,990	178,509	6,140
2005	110,830	2009	22.0	0.0	11.5	1,152	-16,620	128,727	178,509	6,140
2006	46,192	2008	22.0	0.0	10.5	1,152	-4,787	23,882	46,192	1,247
2007	48,257	2007	22.0	0.0	9.5	1,152	-11,251	23,882	48,257	1,247
2008	75,228	2006	22.0	0.0	8.5	1,152	-11,251	43,932	34,076	985
2009	17,182	2005	22.0	0.0	7.5	1,152	-11,251	1,728	1,728	0
2010	39,257	2004	22.0	0.0	6.5	1,152	-11,251	1,728	1,728	0
2011	100,678	2003	22.0	0.0	5.5	1,152	-11,251	1,728	1,728	0
2012	75,228	2002	22.0	0.0	4.5	1,152	-11,251	1,728	1,728	0
2013	75,228	2001	22.0	0.0	3.5	1,152	-11,251	1,728	1,728	0
2014	75,228	2000	22.0	0.0	2.5	1,152	-11,251	1,728	1,728	0
2015	75,228	1999	22.0	0.0	1.5	1,152	-11,251	1,728	1,728	0
2016	75,228	1998	22.0	0.0	0.5	1,152	-11,251	1,728	1,728	0
316 2	1,676,398		31.4	7.9	18.7	211,653	-82,546	703,500	970,810	51,937
316 2	INTERIM NET SALVAGE X = -5									
GROUP 3	36 To Retirement Date of Unit									
1997	75,880	2018	21.0	0.0	20.5	36,800	0	1,738	71,262	3,476
1998	15,122	2017	21.0	0.0	19.5	1,792	0	4,789	16,333	504
1999	-37,044	2016	21.0	0.0	18.5	-1,512	0	-37,044	0	0
316 3	51,878		16.2	1.4	20.5	36,800	0	-30,517	81,595	3,900

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC METHOD)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 17

VIN	BALANCE 12/97	NET	AGE	AGE	AGE	AGE WEIGHT	INTERIM BAL	CALC. RESERVE	UNRECOVERED	ACCUMUL
314 3	INTERIM NET SALVAGE X = 0									
ACCOUNT 316	2,932,474		25.1	8.0	13.7		348,149	-265,618	1,342,733	1,849,741
ACCOUNT 316	INTERIM NET SALVAGE X = -9									
UNIT 0	182,010,427			8.0			19,013,208	-2,552,117		
UNIT 0	INTERIM NET SALVAGE X = -2									
LOCATION NUMBER = 1101 UNIT = 1										
CRIST STEAM PLANT UNIT 1										
ACCOUNT 312										
GROUP 1 0 To 20 Year Service Life										
1991	8,135	1991	20.0	16.5	1.5	495	-1,229	6,711	1,423	487
1992	7,119	1992	20.0	16.5	1.5	225	-555	6,711	391	261
1993	6,983	1993	20.0	16.5	0.0	95	-747	6,983	0	0
312 1	18,336		20.0	21.1	2.7	670	-2,750	14,522	1,814	660
312 1	INTERIM NET SALVAGE X = -15									
GROUP 2 21 To 35 Year Service Life										
1995	52,577	1995	16.0	12.5	12.5	21,021	0	0,215	64,342	3,286
1996	42,463	1996	16.0	12.5	12.5	10,511	0	0,215	1,287	1,287
1997	32,349	1997	16.0	12.5	12.5	5,256	0	0,215	1,287	1,287
1998	22,235	1998	16.0	12.5	12.5	2,628	0	0,215	1,287	1,287
1999	12,121	1999	16.0	12.5	12.5	1,314	0	0,215	1,287	1,287
2000	2,007	2000	16.0	12.5	12.5	657	0	0,215	1,287	1,287
312 2	80,281	1998	16.0	12.5	12.5	421	-1,170	17,271	1,423	190
312 2	INTERIM NET SALVAGE X = -4									
GROUP 3 36 To Retirement Date of Unit										
1979	630	1979	10.0	4.5	13.5	1,000	0	0,000	0,000	0,000
1980	2,817	1980	10.0	4.5	13.5	1,000	0	0,000	0,000	0,000
314 1	3,166	1998	10.0	4.5	13.5	1,000	0	0,000	0,000	0,000

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 19

VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
314 1	INTERIM NET SALVAGE Z = -15									
GROUP 2	21 To 35 Year Service Life									
1989	158,188	2011	22.0	8.5	13.5	18,491	0	41,887	97,821	7,187
1988	45,888	2011	22.0	9.5	13.5	4,483	0	17,888	26,996	1,852
1981	3,888	2011	22.0	10.5	13.5	1,483	0	5,888	1,739	125
1979	9,817	2011	22.0	11.5	13.5	2,483	0	9,817	1,699	125
1945	7,425	1988	18.0	12.0	0.0	125	-1,144	7,425	0	0
314 2	216,288		22.7	9.1	13.5	25,688	-1,144	98,749	125,451	9,294
314 2	INTERIM NET SALVAGE Z = -1									
GROUP 3	36 To Retirement Date of Unit									
1988	7,878	2011	22.0	9.0	13.5	745	0	2,824	4,154	388
1984	1,461	2011	22.0	10.0	13.5	1,461	0	835	42	3
1981	1,461	2011	22.0	11.0	13.5	1,461	0	835	388	23
1979	7,878	2011	22.0	12.0	13.5	1,461	0	835	87	7
1977	9,817	2011	22.0	13.0	13.5	1,461	0	835	1,825	135
1945	689,395	2011	62.0	13.0	13.5	12,544	0	534,519	134,876	9,991
314 3	676,398		64.5	13.0	13.5	13,584	0	534,519	141,839	10,485
314 3	INTERIM NET SALVAGE Z = 0									
ACCOUNT 314	895,764		64.4	24.8	13.5	37,316	-1,619	628,724	267,034	19,811
ACCOUNT 314	INTERIM NET SALVAGE Z = 0									
ACCOUNT 315										
GROUP 1	0 To 20 Year Service Life									

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 29

VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
1986	7,313	2004	20.0	11.5	5.0	634	-3,998	0,000	3,119	364
1985	4,288	2004	20.0	12.5	5.0	3,998	-3,998	31,182	18,497	2,493
1982	9,444	2004	20.0	13.5	5.0	1,461	-1,461	8,444	1,461	125
1979	1,461	2004	20.0	14.5	5.0	1,461	-1,461	8,444	1,461	472
1977	1,461	2004	20.0	15.5	5.0	1,461	-1,461	8,444	1,461	463
1975	26,124	2004	20.0	16.5	5.0	1,461	-1,461	8,444	1,461	284
1973	1,461	2004	20.0	17.5	5.0	1,461	-1,461	8,444	1,461	0
1971	1,461	2004	20.0	18.5	5.0	1,461	-1,461	8,444	1,461	0
1969	1,461	2004	20.0	19.5	5.0	1,461	-1,461	8,444	1,461	0
1967	26,124	2004	20.0	20.5	5.0	1,461	-1,461	8,444	1,461	0
1965	1,461	2004	20.0	21.5	5.0	1,461	-1,461	8,444	1,461	0
1945	63,271	1986	20.0	22.0	0.0	1,584	-12,491	63,271	0	0
315 1	204,860		20.0	23.0	5.0	8,889	-20,609	179,529	24,331	4,294
315 1	INTERIM NET SALVAGE Z = -15									
GROUP 2	21 To 35 Year Service Life									
1979	2,812	2011	22.0	10.5	13.5	199	0	1,163	0	63
1977	2,812	2011	22.0	11.5	13.5	199	0	1,163	0	125
1975	23,744	2011	22.0	12.5	13.5	62,483	-3,483	23,744	2,335	0
1973	1,461	2011	22.0	13.5	13.5	1,461	-10,544	70,125	0	0
1945	70,125	1988	18.0	14.0	0.0	1,334	-10,544	70,125	0	0
315 2	102,872		34.8	42.6	13.5	2,395	-14,088	98,688	3,384	231
315 2	INTERIM NET SALVAGE Z = -14									
GROUP 3	36 To Retirement Date of Unit									
1978	1,548	2011	22.0	10.5	13.5	71	0	829	568	42
1976	1,548	2011	22.0	11.5	13.5	71	0	829	568	1
1974	2,744	2011	22.0	12.5	13.5	71	0	829	719	56
1972	1,548	2011	22.0	13.5	13.5	71	0	829	568	2
1945	26,410	2011	62.0	13.5	13.5	563	0	21,888	5,482	400
315 3	30,971		61.6	47.1	13.5	655	0	24,171	6,888	563
315 3	INTERIM NET SALVAGE Z = 0									

	VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL	
ACCOUNT 315		337,183		24.7	28.2	7.0		11,942	-44,689	382,388	34,715	4,958
ACCOUNT 315		INTERIM NET SALVAGE Z = -13										
UNIT 1		2,212,868		43.5	18.5	18.1		119,361	-84,088	1,573,677	638,573	58,837
UNIT 1		INTERIM NET SALVAGE Z = -4										
LOCATION NUMBER = 1181 UNIT = 2												
CRIST STEAM PLANT UNIT 2												
ACCOUNT 312												
GROUP 1 0 To 20 Year Service Life												
	1981	8,134	1981	28.0	18.5	3.5		493	-1,229	6,711	1,423	487
	1979	5,219	1979	28.0	18.5	1.5		323	-4,883	4,883	381	261
	1949	14,779	1949	28.0	48.5	8.0		585	-2,217	14,799	0	0
312 1		28,132		28.0	26.0	2.7		1,080	-4,220	26,318	1,814	648
312 1		INTERIM NET SALVAGE Z = -15										
GROUP 2 21 To 35 Year Service Life												
	1995	52,877	1995	16.0	12.0	12.0		21,831	0	8,215	44,242	3,286
	1994	4,172	1994	16.0	12.0	11.0		1,878	0	6,285	17,119	1,217
	1993	23,436	1993	16.0	12.0	10.0		12,847	0	3,249	1,519	1,126
	1991	9,248	1991	16.0	12.0	9.0		12,847	0	3,249	4,342	1,255
	1989	4,284	1989	16.0	12.0	8.0		3,837	0	2,444	2,610	1,079
	1979	64,799	1979	16.0	12.0	7.0		3,837	0	36,487	28,310	1,116
	1978	127,782	1978	16.0	12.0	6.0		5,499	-19,173	88,605	41,999	3,437
	1977	7,230	1977	16.0	12.0	5.0		230	-1,110	8,340	1,199	21
	1976	17,070	1976	16.0	12.0	4.0		461	-1,894	17,264	1,486	188
	1949	38	1949	16.0	12.0	3.0		1	-	38	0	0

GE F POWER COMPANY
 REACTION PLANT
 FORECAST ANALYSIS
 (ARITHMETIC WEIGHTED)
 1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 22

	VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
	1988	2,846	1988	15.0	29.5	0.0		72	-427	2,846	0
	1949	168,612	1949	15.0	48.5	0.0		3,477	-25,292	168,612	0
312 2		584,584		27.5	10.7	13.0		54,517	-49,246	379,449	285,835
312 2		INTERIM NET SALVAGE Z = -8									
GROUP 3 36 To Retirement Date of Unit											
	1995	1,236	1995	10.0	4.0	13.0		273	0	1,236	977
	1979	28,783	1979	10.0	4.0	12.0		1,236	0	14,799	11,242
	1978	5,893	1978	10.0	4.0	11.0		134	0	3,693	1,329
	1977	8,477	1977	10.0	4.0	10.0		134	0	3,693	1,329
	1949	513,628	1949	10.0	4.0	13.0		10,188	0	481,798	111,232
312 3		589,771		58.7	43.8	13.5		12,787	0	430,966	128,885
312 3		INTERIM NET SALVAGE Z = 0									
ACCOUNT 312		1,172,487		36.4	17.1	12.9		68,384	-53,466	836,753	338,684
ACCOUNT 312		INTERIM NET SALVAGE Z = -5									
ACCOUNT 314											
GROUP 1 0 To 20 Year Service Life											
	1979	638	1979	28.0	18.5	1.5		34	-94	599	48
	1949	38	1949	28.0	48.5	0.0		2	-14	38	0
314 1		739		19.4	28.5	1.5		36	-111	691	48
314 1		INTERIM NET SALVAGE Z = -15									

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARBOUR WEIGHTS)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 23

	VIN	BALANCE 12/97	NET	ASL	AGE	ASL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUMUL
GROUP 2 21 To 35 Year Service Life											
	1975	34,510	2011	21.0	7.5	13.5	5,000	0	13,002	23,476	1,739
	1980	158,901	2011	22.0	10.0	13.5	10,000	0	41,394	67,507	1,223
	1979	2,091	2011	22.0	10.0	13.5	100	0	1,000	1,220	90
	1949	23,476	1984	22.0	40.0	0.0	0.0	-3,521	23,476	0	0
314 2		221,784		22.0	9.2	13.5	24,203	-3,521	99,501	122,203	9,052
314 2											
GROUP 5 36 To Retirement Date of Unit											
	1975	495,460	2011	16.0	2.5	13.5	162,264	0	63,304	342,276	25,354
	1980	7,000	2011	16.0	9.0	13.5	0.0	0	3,161	0,440	0
	1984	34,901	2011	16.0	11.0	13.5	3,200	0	10,074	19,027	1,476
	1981	1,000	2011	16.0	11.0	13.5	0.0	0	0.0	0.0	0
	1982	1,000	2011	16.0	11.0	13.5	0.0	0	0.0	0.0	0
	1983	7,000	2011	16.0	11.0	13.5	0.0	0	0.0	0.0	0
	1984	500,000	2011	16.0	40.0	13.5	11,072	0	454,216	120,431	9,340
314 3		1,039,012		20.3	5.0	13.5	170,476	0	544,414	495,390	36,676
314 3											
ACCOUNT 314		1,262,335		27.2	6.2	13.5	202,715	-3,632	644,606	617,649	45,780
ACCOUNT 314											
ACCOUNT 315											
GROUP 1 0 To 20 Year Service Life											
	1975	1,000	2011	16.0	2.5	13.5	0.0	0	0.0	0.0	0.0
	1980	7,000	2011	16.0	9.0	13.5	0.0	-1,000	0.0	0.0	0.0
	1981	1,000	2011	16.0	11.0	13.5	0.0	-1,000	0.0	0.0	0.0
	1982	1,000	2011	16.0	11.0	13.5	0.0	-1,000	0.0	0.0	0.0
	1983	7,000	2011	16.0	11.0	13.5	0.0	-1,000	0.0	0.0	0.0
	1984	11,000	2011	16.0	40.0	13.5	0.0	-1,000	0.0	0.0	0.0

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARBOUR WEIGHTS)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 24

	VIN	BALANCE 12/97	NET	ASL	AGE	ASL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUMUL
GROUP 1 0 To 20 Year Service Life											
	1974	252	1984	20.0	2.5	0.0	11	-30	252	0	0
	1961	11,000	1981	20.0	11.0	0.0	11	-1,704	11,000	0	0
	1962	11,000	1982	20.0	11.0	0.0	11	-1,704	11,000	0	0
	1963	23,316	1969	20.0	40.0	0.0	41	-3,407	23,316	0	0
315 1		77,139		19.9	21.1	3.0	3,660	-11,417	70,417	6,722	1,780
315 1											
GROUP 2 21 To 35 Year Service Life											
	1981	99,400	2011	20.0	10.0	13.5	6,000	0	54,704	44,696	3,329
	1979	7,000	2011	20.0	10.0	13.5	100	0	0.0	0.0	0.0
	1981	6,000	2011	20.0	10.0	13.5	0.0	-31	0.0	0.0	0.0
	1982	23,000	2011	20.0	10.0	13.5	0.0	-31	0.0	0.0	0.0
	1983	100	2011	20.0	10.0	13.5	0.0	-31	0.0	0.0	0.0
	1984	101,741	1984	20.0	40.0	0.0	2,000	-15,261	101,741	0	0
315 2		233,261		32.6	25.4	13.5	9,194	-10,817	105,053	40,200	3,571
315 2											
GROUP 3 36 To Retirement Date of Unit											
	1975	1,000	2011	25.0	19.0	13.5	71	0	0.0	0.0	0.0
	1980	2,000	2011	25.0	19.0	13.5	71	0	2,000	0.0	0.0
	1981	1,000	2011	25.0	19.0	13.5	71	0	0.0	0.0	0.0
	1982	34,923	2011	25.0	40.0	13.5	720	0	27,319	7,604	563
315 3		39,193		29.3	40.2	13.5	860	0	30,260	8,933	661
315 3											
ACCOUNT 315		349,593		29.9	25.5	10.6	15,722	-30,234	205,730	63,863	6,012
ACCOUNT 315											

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 25

	VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
UNIT 2		2,784,335		35.8	9.8	11.3	284,821	-87,532	1,767,169	1,817,166	77,832

UNIT 2 INTERIM NET SALVAGE Z = -3

LOCATION NUMBER = 1101 UNIT = 3
CRIST STEAM PLANT UNIT 3

ACCOUNT 312

GROUP 1 0 To 20 Year Service Life

1981	6,799	2001	20.0	16.0	3.5	497	-1,086	5,535	1,174	335
1988	292	2000	20.0	17.0	3.0	17	-46	236	34	16
1979	188,982	1999	20.0	18.0	1.0	5,891	-16,347	188,888	8,174	5,449
1952	1,432	1972	20.0	45.8	0.0	51	-218	1,432	0	0
312 1	117,415		20.0	18.5	1.6	6,346	-17,612	188,831	9,384	5,798
312 1										

GROUP 2 21 To 35 Year Service Life

1995	64,198	2011	16.0	14.0	0.0	25,679	0	10,931	54,167	4,812
1994	4,443	2010	16.0	15.0	0.0	1,740	0	1,740	1,740	736
1993	14,264	2009	16.0	16.0	0.0	1,171	0	1,171	1,171	793
1981	8,784	2008	16.0	17.0	0.0	4,140	0	4,140	4,140	1,923
1979	429,188	2007	16.0	18.0	0.0	23,198	0	20,668	18,668	13,411
1978	85,467	2006	16.0	19.0	0.0	1,740	0	1,740	1,740	793
1977	48,776	2005	16.0	20.0	0.0	1,171	0	1,171	1,171	793
1976	34,899	2004	16.0	21.0	0.0	4,140	0	4,140	4,140	1,923
1975	2,130	2003	16.0	22.0	0.0	1,171	0	1,171	1,171	793
1974	1,155	2002	16.0	23.0	0.0	4,140	-1,048	5,000	1,466	1,027
1973	17,271	2001	16.0	24.0	0.0	1,171	-2,571	17,271	77	77
1972	36	2000	16.0	25.0	0.0	461	-2,571	17,271	0	0
1971	0	1999	16.0	26.0	0.0	111	-4,140	4,251	0	0
1970	3,132	1998	16.0	27.0	0.0	80	-4,140	3,760	0	0
1969	274,725	1987	16.0	45.5	0.0	6,638	-41,809	274,725	0	0
312 2	1,081,887		36.6	16.4	13.4	69,734	-46,924	678,819	322,988	24,884
312 2										

312 2 INTERIM NET SALVAGE Z = -5

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 26

	VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
--	-----	---------------	-----	-----	-----	-----	------------	-------------	---------------	-------------	---------

GROUP 3 36 To Retirement Date of Unit

1995	1,281	2011	18.0	4.0	13.5	285	0	320	961	71
1979	34,988	2011	18.0	18.0	0.0	1,799	0	21,799	15,481	1,139
1978	28,782	2011	18.0	19.0	0.0	1,474	0	12,499	11,942	871
1968	5,289	2011	18.0	28.0	0.0	8	0	8	8	8
1967	1,354	2011	18.0	29.0	0.0	134	0	3,493	1,329	98
1962	846,880	2011	18.0	45.5	0.0	18,573	0	681,714	193,346	14,323
312 3	917,604		35.5	48.8	13.5	22,479	0	694,455	223,149	16,534
312 3										

312 3 INTERIM NET SALVAGE Z = 0

ACCOUNT 312	2,836,826		34.9	20.7	12.0	98,559	-64,536	1,481,395	555,521	46,410
ACCOUNT 312										

ACCOUNT 312 INTERIM NET SALVAGE Z = -3

ACCOUNT 314

GROUP 1 0 To 20 Year Service Life

1979	1,230	2011	20.0	18.5	1.5	68	-188	1,154	94	63
1968	11	2000	20.0	37.5	0.0	0	-2	0	0	0
1952	3,592	1972	20.0	45.5	0.0	79	-539	3,592	0	0
314 1	4,853		19.9	33.0	1.5	147	-728	4,759	94	63
314 1										

314 1 INTERIM NET SALVAGE Z = -15

GROUP 2 21 To 35 Year Service Life

1998	26,518	2011	21.0	7.5	13.5	4,869	0	13,842	23,476	1,739
1988	183,770	2011	21.0	17.5	0.0	19,344	0	1,191	187,845	1,998
1979	2,891	2011	21.0	18.0	0.0	164	0	1,267	1,220	90
1959	1,267	1994	18.0	34.0	0.0	23	-198	0	0	0
1956	1,814	1991	18.0	41.5	0.0	24	-152	1,814	0	0

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 27

	VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
	1983	776	1989	25.0	44.5	0.0	17	-116	776	0	0
	1982	41,184	1987	25.0	45.5	0.0	995	-6,178	41,184	0	0
314 2		267,428		24.1	10.5	13.5	25,340	-6,636	134,859	132,561	9,819
314 2		INTERIM NET SALVAGE X = -2									
GROUP 3	36 To Retirement Date of Unit										
	1988	7,878	2011	25.0	9.5	13.5	745	0	2,924	4,154	388
	1979	1,891,649	2011	25.0	18.5	13.5	102,252	0	1,895,621	790,844	59,115
	1962	141	2011	45.0	0.0	0.0	4	0	141	0	0
	1963	141	2011	45.0	0.0	0.0	4	0	141	0	0
	1961	1,191	2011	29.0	0.0	0.0	29	0	717	288	0
	1964	141	2011	29.0	0.0	0.0	19	0	455	288	0
	1965	141	2011	29.0	0.0	0.0	19	0	270	97	0
	1966	141	2011	29.0	0.0	0.0	19	0	270	97	0
	1967	141	2011	29.0	0.0	0.0	19	0	270	97	0
	1968	141	2011	29.0	0.0	0.0	19	0	270	97	0
	1969	141	2011	29.0	0.0	0.0	19	0	270	97	0
	1970	141	2011	29.0	0.0	0.0	19	0	270	97	0
	1971	141	2011	29.0	0.0	0.0	19	0	270	97	0
	1972	1,188,042	2011	29.0	44.5	13.5	25,958	0	910,832	278,810	28,801
314 3		3,891,435		26.8	23.9	13.5	129,231	0	-2,016,167	1,875,268	79,651
314 3		INTERIM NET SALVAGE X = 0									
ACCOUNT 314		3,343,788		27.0	21.7	13.5	154,726	-7,364	2,155,785	1,287,923	89,533
ACCOUNT 314		INTERIM NET SALVAGE X = 0									

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 29

VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIN	SAL	CALC. RESERVE	UNRECOVERED	ACCUMUL
ACCOUNT 315	533,297		25.8	22.4	10.7		23,851	-52,614	440,332	92,675	6,799
ACCOUNT 315	INTERIN NET SALVAGE Z = -10										
UNIT 3	8,933,741		41.0	21.4	11.1		277,136	-124,515	4,077,422	1,056,519	144,682
UNIT 3	INTERIN NET SALVAGE Z = -2										

LOCATION NUMBER = 1101 UNIT = 4
CRIST STEAM PLANT UNIT 4

ACCOUNT 312

GROUP 1 0 To 20 Year Service Life

1994	188,921	2014	20.0	3.5	14.0		51,129	0	19,061	89,865	5,446
1995	27,859	2013	20.0	4.5	13.0		27,859	-1,000	26,859	1,000	1,000
1996	29,894	2012	20.0	5.5	12.0		29,894	-1,000	28,894	1,000	1,000
1997	238,430	2011	20.0	6.5	11.0		238,430	-1,000	237,430	1,000	1,000
1998	58,729	2010	20.0	7.5	10.0		58,729	-1,000	57,729	1,000	1,000
1999	58,729	2009	20.0	8.5	9.0		58,729	-1,000	57,729	1,000	1,000
2000	11,447	2008	20.0	9.5	8.0		11,447	-1,000	10,447	1,000	1,000
2001	11,447	2007	20.0	10.5	7.0		11,447	-1,000	10,447	1,000	1,000
2002	11,447	2006	20.0	11.5	6.0		11,447	-1,000	10,447	1,000	1,000
2003	11,447	2005	20.0	12.5	5.0		11,447	-1,000	10,447	1,000	1,000
2004	11,447	2004	20.0	13.5	4.0		11,447	-1,000	10,447	1,000	1,000
2005	11,447	2003	20.0	14.5	3.0		11,447	-1,000	10,447	1,000	1,000
2006	11,447	2002	20.0	15.5	2.0		11,447	-1,000	10,447	1,000	1,000
2007	11,447	2001	20.0	16.5	1.0		11,447	-1,000	10,447	1,000	1,000
2008	11,447	2000	20.0	17.5	0.0		11,447	-1,000	10,447	1,000	1,000
2009	11,447	1999	20.0	18.5	0.0		11,447	-1,000	10,447	1,000	1,000
2010	11,447	1998	20.0	19.5	0.0		11,447	-1,000	10,447	1,000	1,000
2011	11,447	1997	20.0	20.5	0.0		11,447	-1,000	10,447	1,000	1,000
312 1	1,131,277		20.0	8.5	10.0		133,790	-153,353	576,170	555,107	55,306
312 1	INTERIN NET SALVAGE Z = -14										

GROUP 2 21 To 35 Year Service Life

1994	2,346,219	2014	20.0	3.5	14.0		678,348	0	419,588	1,925,631	117,811
1995	23,462	2013	20.0	4.5	13.0		23,462	-1,000	22,462	1,000	1,000
1996	23,462	2012	20.0	5.5	12.0		23,462	-1,000	22,462	1,000	1,000
1997	23,462	2011	20.0	6.5	11.0		23,462	-1,000	22,462	1,000	1,000
1998	23,462	2010	20.0	7.5	10.0		23,462	-1,000	22,462	1,000	1,000
1999	23,462	2009	20.0	8.5	9.0		23,462	-1,000	22,462	1,000	1,000
2000	23,462	2008	20.0	9.5	8.0		23,462	-1,000	22,462	1,000	1,000
2001	23,462	2007	20.0	10.5	7.0		23,462	-1,000	22,462	1,000	1,000
2002	23,462	2006	20.0	11.5	6.0		23,462	-1,000	22,462	1,000	1,000
2003	23,462	2005	20.0	12.5	5.0		23,462	-1,000	22,462	1,000	1,000
2004	23,462	2004	20.0	13.5	4.0		23,462	-1,000	22,462	1,000	1,000
2005	23,462	2003	20.0	14.5	3.0		23,462	-1,000	22,462	1,000	1,000
2006	23,462	2002	20.0	15.5	2.0		23,462	-1,000	22,462	1,000	1,000
2007	23,462	2001	20.0	16.5	1.0		23,462	-1,000	22,462	1,000	1,000
2008	23,462	2000	20.0	17.5	0.0		23,462	-1,000	22,462	1,000	1,000
2009	23,462	1999	20.0	18.5	0.0		23,462	-1,000	22,462	1,000	1,000
2010	23,462	1998	20.0	19.5	0.0		23,462	-1,000	22,462	1,000	1,000
2011	23,462	1997	20.0	20.5	0.0		23,462	-1,000	22,462	1,000	1,000

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 30

VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIN	SAL	CALC. RESERVE	UNRECOVERED	ACCUMUL
1986	544,428	2014	20.0	11.1	14.5		49,044	0	231,454	332,974	20,144
1987	10,411	2013	20.0	12.1	13.5		10,411	-1,000	9,411	1,000	1,000
1988	10,411	2012	20.0	13.1	12.5		10,411	-1,000	9,411	1,000	1,000
1989	10,411	2011	20.0	14.1	11.5		10,411	-1,000	9,411	1,000	1,000
1990	10,411	2010	20.0	15.1	10.5		10,411	-1,000	9,411	1,000	1,000
1991	10,411	2009	20.0	16.1	9.5		10,411	-1,000	9,411	1,000	1,000
1992	10,411	2008	20.0	17.1	8.5		10,411	-1,000	9,411	1,000	1,000
1993	10,411	2007	20.0	18.1	7.5		10,411	-1,000	9,411	1,000	1,000
1994	10,411	2006	20.0	19.1	6.5		10,411	-1,000	9,411	1,000	1,000
1995	10,411	2005	20.0	20.1	5.5		10,411	-1,000	9,411	1,000	1,000
1996	10,411	2004	20.0	21.1	4.5		10,411	-1,000	9,411	1,000	1,000
1997	10,411	2003	20.0	22.1	3.5		10,411	-1,000	9,411	1,000	1,000
1998	10,411	2002	20.0	23.1	2.5		10,411	-1,000	9,411	1,000	1,000
1999	10,411	2001	20.0	24.1	1.5		10,411	-1,000	9,411	1,000	1,000
2000	10,411	2000	20.0	25.1	0.5		10,411	-1,000	9,411	1,000	1,000
2001	10,411	1999	20.0	26.1	0.0		10,411	-1,000	9,411	1,000	1,000
2002	10,411	1998	20.0	27.1	0.0		10,411	-1,000	9,411	1,000	1,000
2003	10,411	1997	20.0	28.1	0.0		10,411	-1,000	9,411	1,000	1,000
2004	10,411	1996	20.0	29.1	0.0		10,411	-1,000	9,411	1,000	1,000
2005	10,411	1995	20.0	30.1	0.0		10,411	-1,000	9,411	1,000	1,000
2006	10,411	1994	20.0	31.1	0.0		10,411	-1,000	9,411	1,000	1,000
2007	10,411	1993	20.0	32.1	0.0		10,411	-1,000	9,411	1,000	1,000
2008	10,411	1992	20.0	33.1	0.0		10,411	-1,000	9,411	1,000	1,000
2009	10,411	1991	20.0	34.1	0.0		10,411	-1,000	9,411	1,000	1,000
2010	10,411	1990	20.0	35.1	0.0		10,411	-1,000	9,411	1,000	1,000
2011	10,411	1989	20.0	36.1	0.0		10,411	-1,000	9,411	1,000	1,000
312 2	19,057,927		20.5	8.9	15.4		1,131,827	-912,067	4,926,009	5,131,918	332,309
312 2	INTERIN NET SALVAGE Z = -9										

GROUP 3 36 To Retirement Date of Unit

1999	6,983	2014	20.0	7.5	14.5		1,983	0	6,983	0	0
1998	6,983	2013	20.0	8.5	13.5		6,983	-1,000	5,983	1,000	1,000
1997	6,983	2012	20.0	9.5	12.5		6,983	-1,000	5,983	1,000	1,000
1996	6,983	2011	20.0	10.5	11.5		6,983	-1,000	5,983	1,000	1,000
1995	6,983	2010	20.0	11.5	10.5		6,983	-1,000	5,983	1,000	1,000
1994	6,983	2009	20.0	12.5	9.5		6,983	-1,000	5,983	1,000	1,000
1993	6,983	2008	20.0	13.5	8.5		6,983	-1,000	5,983	1,000	1,000
1992	6,983	2007	20.0	14.5	7.5		6,983	-1,000	5,983	1,000	1,000
1991	6,983	2006	20.0	15.5	6.5		6,983	-1,000	5,983	1,000	1,000
1990	6,983	2005	20.0	16.5	5.5		6,983	-1,000	5,983	1,000	1,000
1989	6,983	2004	20.0	17.5	4.5		6,983	-1,000	5,983	1,000	1,000
1988	6,983	2003	20.0	18.5	3.5		6,983	-1,000	5,983	1,000	1,000
1987	6,983	2002	20.0	19.5	2.5		6,983	-1,000	5,983	1,000	1,000
1986	6,983	2001	20.0	20.5	1.5		6,983	-1,000	5,983	1,000	1,000
1985	6,983	2000	20.0	21.5	0.5		6,983	-1,000	5,983	1,000	1,000
1984	6,983	1999	20.0	22.5	0.0		6,983	-1,000	5,983	1,000	1,000
1983	6,983	1998	20.0	23.5	0.0		6,983	-1,000	5,983	1,000	1,000
1982	6,983	1997	20.0	24.5	0.0		6,983	-1,000	5,983	1,000	1,000
1981	6,983	1996	20.0	25.5	0.0		6,983	-1,000	5,983	1,000	1,000
1980	6,983	1995	20.0	26.5	0.0		6,983	-1,000	5,983	1,000	1,000
1979	6,983	1994	20.0	27.5	0.0		6,983	-1,000	5,983	1,000	1,000
1978	6,983	1993	20.0	28.5	0.0		6,983	-1,000	5,983	1,000	1,000
1977	6,983	1992	20.0	29.5	0.0		6,983	-1,000	5,983	1,000	1,000
1976	6,983	1991	20.0	30.5	0.0		6,983	-1,000	5,983	1,000	1,000
1975	6,983	1990	20.0	31.5	0.0		6,983	-1,000	5,983	1,000	1,000
1974	6,983	1989	20.0	32.5	0.0		6,983	-1,000	5,983	1,000	1,000
1973	6,983	1988	20.0	33.5	0.0		6,983	-1,000	5,983	1,000	1,000
1972	6,983	1987	20.0	34.5	0.0		6,983	-1,000	5,983	1,000	1,000
1971	6,983	1986	20.0	35.5	0.0		6,983	-1,000	5,983		

GROUP 3 36 To Retirement Date of Unit

YIN	BALANCE 12/97	NET	AML	AME	AML	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUMAL
1995	10,967	2034	21.0	4.0	14.5					
1992	10,967	2034	21.0	4.0	14.5					
1989	24,709	2034	21.0	4.0	14.5					
1986	1,703	2034	21.0	4.0	14.5					
1977	1,703	2034	21.0	4.0	14.5					
1976	1,703	2034	21.0	4.0	14.5					
1967	1,703	2034	21.0	4.0	14.5					
1966	1,703	2034	21.0	4.0	14.5					
1962	1,703	2034	21.0	4.0	14.5					
1961	1,703	2034	21.0	4.0	14.5					
1960	1,703	2034	21.0	4.0	14.5					
1959	3,175,440	2034	21.0	4.0	14.5					
314 3	3,905,504		46.2	24.9	16.5					
314 3	INTERIM NET SALVAGE Z = 0									
ACCOUNT 314	4,500,632		42.2	21.2	16.5					
ACCOUNT 314	INTERIM NET SALVAGE Z = -1									
ACCOUNT 315										
GROUP 1	0 To 20 Year Service Life									
1995	4,871	2034	21.0	4.0	14.5					
1992	4,871	2034	21.0	4.0	14.5					
1989	4,871	2034	21.0	4.0	14.5					
1986	4,871	2034	21.0	4.0	14.5					
1982	4,871	2034	21.0	4.0	14.5					
1981	4,871	2034	21.0	4.0	14.5					
1977	4,871	2034	21.0	4.0	14.5					
1976	4,871	2034	21.0	4.0	14.5					
1967	4,871	2034	21.0	4.0	14.5					
1966	4,871	2034	21.0	4.0	14.5					
1962	4,871	2034	21.0	4.0	14.5					
1961	4,871	2034	21.0	4.0	14.5					
1960	4,871	2034	21.0	4.0	14.5					
1959	113,675	2034	21.0	4.0	14.5					
315 1	242,926		20.0	19.9	3.4					

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(DARWINIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 33

VIN	BALANCE 12/97	REV	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
315 1	INTERIM NET SALVAGE Z = -15									
GROUP 2	21 To 35 Year Service Life									
1989	67,844	2014	28.0	11.0	16.5	5,570	0	16,098	31,246	1,000
1990	16,115	2014	28.0	11.0	16.5	1,340	0	3,922	7,653	250
1991	2,140	2014	28.0	11.0	16.5	268	0	804	1,611	50
1992	16,115	2014	28.0	11.0	16.5	1,340	0	3,922	7,653	250
1993	6,177	2014	28.0	11.0	16.5	570	0	1,716	3,432	100
1994	1,161	2014	28.0	11.0	16.5	114	0	343	686	20
1995	823,384	2014	28.0	11.0	16.5	21,367	-123,368	623,364	0	0
315 2	3,196,842		31.9	17.2	16.5	186,257	-124,754	1,932,340	1,264,182	76,638
315 2	INTERIM NET SALVAGE Z = -4									
GROUP 3	36 To Retirement Date of Unit									
1986	678	2014	28.0	11.0	16.5	99	0	278	488	25
1987	2,140	2014	28.0	11.0	16.5	268	0	804	1,611	50
1988	177,742	2014	28.0	11.0	16.5	4,617	0	126,419	55,323	3,232
315 3	181,499		34.3	37.5	16.5	4,637	0	126,383	55,146	3,242
315 3	INTERIM NET SALVAGE Z = 0									
ACCOUNT 315	3,628,967		31.3	17.8	15.6	203,384	-140,583	2,282,313	1,338,654	85,679
ACCOUNT 315	INTERIM NET SALVAGE Z = -4									
UNIT 4	26,510,985		35.6	13.4	14.4	1,971,138	-1,249,315	14,997,836	11,512,249	746,288
UNIT 4	INTERIM NET SALVAGE Z = -5									
LOCATION NUMBER = 1101 UNIT = 5										

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(DARWINIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 34

VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
CRIST STEAM PLANT UNIT 5										
ACCOUNT 312										
GROUP 1	0 To 20 Year Service Life									
1995	1,268,354	2015	28.0	3.5	13.8	587,342	-199,253	158,844	1,109,818	63,418
1996	16,784	2015	28.0	3.5	13.8	740	-1,418	1,857	3,677	100
1997	18,769	2015	28.0	3.5	13.8	23,720	-14,418	24,823	8,746	5,338
1998	28,823	2015	28.0	3.5	13.8	27,483	-14,418	78,127	13,479	5,992
1999	84,124	2015	28.0	3.5	13.8	4,683	-4,418	24,973	13,479	10,426
2000	11,487	2015	28.0	3.5	13.8	1,423	-4,418	11,916	17,412	27,483
2001	1,161	2015	28.0	3.5	13.8	114	-1,418	18,418	1,611	585
2002	1,161	2015	28.0	3.5	13.8	114	-1,418	18,418	1,611	585
2003	1,161	2015	28.0	3.5	13.8	114	-1,418	18,418	1,611	585
2004	1,161	2015	28.0	3.5	13.8	114	-1,418	18,418	1,611	585
2005	1,161	2015	28.0	3.5	13.8	114	-1,418	18,418	1,611	585
2006	1,161	2015	28.0	3.5	13.8	114	-1,418	18,418	1,611	585
2007	1,161	2015	28.0	3.5	13.8	114	-1,418	18,418	1,611	585
2008	1,161	2015	28.0	3.5	13.8	114	-1,418	18,418	1,611	585
2009	1,161	2015	28.0	3.5	13.8	114	-1,418	18,418	1,611	585
2010	1,161	2015	28.0	3.5	13.8	114	-1,418	18,418	1,611	585
2011	1,161	2015	28.0	3.5	13.8	114	-1,418	18,418	1,611	585
2012	1,161	2015	28.0	3.5	13.8	114	-1,418	18,418	1,611	585
2013	1,161	2015	28.0	3.5	13.8	114	-1,418	18,418	1,611	585
2014	1,161	2015	28.0	3.5	13.8	114	-1,418	18,418	1,611	585
2015	1,161	2015	28.0	3.5	13.8	114	-1,418	18,418	1,611	585
312 1	2,135,281		28.0	3.5	13.8	609,215	-329,288	575,922	1,559,279	113,135
312 1	INTERIM NET SALVAGE Z = -15									
GROUP 2	21 To 35 Year Service Life									
1995	1,982,222	2016	21.0	1.0	14.5	768,892	0	226,456	1,675,773	98,882
1996	62,714	2016	21.0	1.0	14.5	13,420	0	12,420	58,499	27,483
1997	21,479	2016	21.0	1.0	14.5	27,483	0	7,483	14,000	4,885
1998	21,479	2016	21.0	1.0	14.5	27,483	0	7,483	14,000	4,885
1999	58,499	2016	21.0	1.0	14.5	45,892	0	28,499	32,499	17,483
2000	1,161	2016	21.0	1.0	14.5	11,418	0	57,418	7,418	39,483
2001	1,161	2016	21.0	1.0	14.5	11,418	0	57,418	7,418	39,483
2002	1,161	2016	21.0	1.0	14.5	11,418	0	57,418	7,418	39,483
2003	1,161	2016	21.0	1.0	14.5	11,418	0	57,418	7,418	39,483
2004	1,161	2016	21.0	1.0	14.5	11,418	0	57,418	7,418	39,483
2005	1,161	2016	21.0	1.0	14.5	11,418	0	57,418	7,418	39,483
2006	1,161	2016	21.0	1.0	14.5	11,418	0	57,418	7,418	39,483
2007	1,161	2016	21.0	1.0	14.5	11,418	0	57,418	7,418	39,483
2008	1,161	2016	21.0	1.0	14.5	11,418	0	57,418	7,418	39,483
2009	1,161	2016	21.0	1.0	14.5	11,418	0	57,418	7,418	39,483
2010	1,161	2016	21.0	1.0	14.5	11,418	0	57,418	7,418	39,483
2011	1,161	2016	21.0	1.0	14.5	11,418	0	57,418	7,418	39,483
2012	1,161	2016	21.0	1.0	14.5	11,418	0	57,418	7,418	39,483
2013	1,161	2016	21.0	1.0	14.5	11,418	0	57,418	7,418	39,483
2014	1,161	2016	21.0	1.0	14.5	11,418	0	57,418	7,418	39,483
2015	1,161	2016	21.0	1.0	14.5	11,418	0	57,418	7,418	39,483
2016	1,161	2016	21.0	1.0	14.5	11,418	0	57,418	7,418	39,483
312 2	2,827,823		28.0	2.0	14.5	98,919	-54,175	1,187,731	848,163	57,935

GULF POWER COMPANY
 PRODUCTION PLANT
 FORECAST ANALYSIS
 (HARMONIC WEIGHTED)
 1997 DEPRECIATION STUDY

16:12 Tuesday, April 15, 1997 35

VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIN SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
1976	2,092,647	2016	25.0	21.0	12.0	97,332	-313,877	1,288,483	887,164	59,799
1977	22,121	2016	25.0	21.0	12.0	874	-3,842	16,233	6,440	637
1978	3,120	2016	25.0	21.0	12.0	1,113	-1,512	5,722	1,842	19
1979	-137,740	2016	25.0	21.0	12.0	4,111	28,180	-15,740	1,842	99
1980	1,120	2016	25.0	21.0	12.0	2,111	1,111	1,111	1,111	19
1981	31,120	2016	25.0	21.0	12.0	1,111	1,111	1,111	1,111	19
1982	494,238	2016	25.0	21.0	12.0	13,841	-74,138	494,238	0	0
312 2	9,963,619		29.3	7.5	16.7	1,333,790	-764,157	4,671,130	5,492,489	328,336
312 2	INTERIN NET SALVAGE X = -8									
GROUP 3 36 To Retirement Date of Unit										
1990	6,983	2016	25.0	7.5	18.5	921	0	2,413	4,989	269
1991	44,281	2016	25.0	7.5	18.5	1,921	0	20,413	39,489	2,133
1992	19,112	2016	25.0	7.5	18.5	1,921	0	19,413	16,489	1,013
1993	25,769	2016	25.0	7.5	18.5	44	0	18,413	16,489	1,013
1994	88,677	2016	25.0	7.5	18.5	1,921	0	18,413	16,489	1,013
1995	241,144	2016	25.0	7.5	18.5	1,921	0	18,413	16,489	1,013
1996	2,439,888	2016	25.0	7.5	18.5	131,144	0	1,813,413	1,386,489	79,147
1997	13,120	2016	25.0	7.5	18.5	1,111	0	1,111	1,111	19
1998	1,120	2016	25.0	7.5	18.5	1,111	0	1,111	1,111	19
1999	4,120	2016	25.0	7.5	18.5	1,111	0	1,111	1,111	19
2000	149,120	2016	25.0	7.5	18.5	1,111	0	1,111	1,111	19
2001	3,120	2016	25.0	7.5	18.5	1,111	0	1,111	1,111	19
2002	1,120	2016	25.0	7.5	18.5	1,111	0	1,111	1,111	19
2003	1,120	2016	25.0	7.5	18.5	1,111	0	1,111	1,111	19
2004	2,191,477	2016	25.0	7.5	18.5	60,840	0	1,454,344	737,133	39,840
312 3	6,848,652		43.7	24.4	18.5	268,926	0	3,779,149	2,769,503	149,782
312 3	INTERIN NET SALVAGE X = 0									
ACCOUNT 312	18,647,472		31.3	8.4	16.6	2,211,841	-1,884,637	8,826,291	9,821,271	591,375

GULF POWER COMPANY
 PRODUCTION PLANT
 FORECAST ANALYSIS
 (HARMONIC WEIGHTED)
 1997 DEPRECIATION STUDY

16:12 Tuesday, April 15, 1997 36

VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIN SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
ACCOUNT 312	INTERIN NET SALVAGE X = -6									
ACCOUNT 314										
GROUP 1 0 To 20 Year Service Life										
1961	3,785	1961	20.0	36.5	0.0	104	-548	3,785	0	0
314 1	3,785		20.0	36.4	.	104	-548	3,785	0	0
314 1	INTERIN NET SALVAGE X = -15									
GROUP 2 21 To 35 Year Service Life										
1995	64,878	2016	21.0	2.5	18.5	17,431	0	5,847	38,831	2,999
1996	124,233	2016	21.0	2.5	18.5	47,431	0	12,847	253,915	13,725
1961	113,848	1996	18.0	36.5	0.0	3,174	-17,377	113,848	0	0
314 2	516,779		27.0	7.6	18.5	68,385	-17,377	224,633	292,746	15,824
314 2	INTERIN NET SALVAGE X = -3									
GROUP 3 36 To Retirement Date of Unit										
1990	737,870	2016	21.0	2.5	18.5	294,828	0	87,744	649,324	35,999
1991	9,120	2016	21.0	2.5	18.5	1,111	0	1,111	1,111	19
1992	14,120	2016	21.0	2.5	18.5	1,111	0	1,111	1,111	19
1993	1,120	2016	21.0	2.5	18.5	1,111	0	1,111	1,111	19
1994	3,120	2016	21.0	2.5	18.5	1,111	0	1,111	1,111	19
1995	2,120	2016	21.0	2.5	18.5	1,111	0	1,111	1,111	19
1996	3,834,334	2016	21.0	2.5	18.5	105,850	0	2,844,643	1,289,731	69,715
314 3	4,788,719		43.3	11.5	18.5	412,461	0	2,724,599	2,834,120	189,953
314 3	INTERIN NET SALVAGE X = 0									

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 37

	VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUMUL
ACCOUNT 314		5,279,283		40.8	11.8	18.5	488,950	-17,945	2,952,417	2,326,846	125,777
ACCOUNT 314		INTERIM NET SALVAGE Z = 0									
ACCOUNT 315											
GROUP 1	0 To 20 Year Service Life										
1995		4,584	2015	20.0	0.0	17.5	1,834	-1,488	573	4,011	229
1996		7,822	2014	20.0	0.0	16.5	21,979	-11,439	13,442	43,463	3,844
1997		5,834	2012	20.0	0.0	16.5	3,801	-1,375	16,071	17,869	267
1998		8,799	2008	20.0	0.0	16.5	7,608	-1,320	15,071	17,765	1,092
1999		8,588	2004	20.0	0.0	16.5	5,444	-1,288	14,139	15,811	446
2000		7,785	2000	20.0	0.0	17.5	4,770	-1,163	13,390	14,587	233
2001		6,585	2001	20.0	0.0	17.5	3,372	-9,376	12,692	13,813	325
2002		6,158	1999	20.0	0.0	17.5	3,447	-9,421	11,528	12,810	3,297
2003		16,414	1998	20.0	0.0	17.5	9,255	-2,782	17,544	18,488	458
2004		8,899	1997	20.0	0.0	17.5	2,370	-1,188	12,644	13,829	0
2005		12,266	1996	20.0	0.0	17.5	6,615	-1,439	12,144	13,584	0
2006		1,504	1995	20.0	0.0	17.5	2,370	-1,188	12,644	13,829	0
2007		6,746	1994	20.0	0.0	17.5	2,370	-1,188	12,644	13,829	0
2008		28,863	1993	20.0	0.0	17.5	3,801	-14,789	28,843	29,643	0
2009		11,815	1992	20.0	0.0	17.5	3,801	-1,432	11,815	12,249	0
2010		10,254	1991	20.0	0.0	17.5	71	-1,432	10,254	10,689	0
2011		10,254	1990	20.0	0.0	17.5	297	-1,432	10,254	10,689	0
2012		106,585	1989	20.0	0.0	17.5	2,918	-15,976	106,585	107,503	0
315 1		486,755		20.0	11.4	9.2	42,782	-73,813	384,968	181,787	11,076
315 1		INTERIM NET SALVAGE Z = -15									
GROUP 2	21 To 35 Year Service Life										
1999		45,999	2016	27.0	8.5	18.5	5,412	0	14,481	31,518	1,794
2000		18,225	2014	27.0	18.5	18.5	1,282	0	6,444	9,799	587
2001		4,584	2014	27.0	18.5	18.5	332	-970	3,439	3,867	184
2002		16,484	2013	27.0	18.5	18.5	841	-2,961	9,139	7,255	449
2003		16,186	2012	27.0	18.5	18.5	1,714	-2,978	28,489	14,877	1,088
2004		8,888	2004	27.0	28.5	0.5	589	-1,321	7,172	1,636	232

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 38

	VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUMUL
	1946	13,346	2003	38.0	27.5	5.5	453	-2,985	11,365	2,180	382
	1947	12,842	1998	38.0	27.5	5.5	453	-2,985	11,365	2,180	382
	1948	346,833	1996	38.0	32.5	0.5	10,823	-54,875	346,833	0	0
315 2		522,886		34.0	25.2	14.8	28,750	-69,100	453,134	69,750	6,713
315 2		INTERIM NET SALVAGE Z = -13									
GROUP 3	36 To Retirement Date of Unit										
	1999	1,644	2016	27.0	8.5	18.5	193	0	514	1,124	61
	1999	888	2016	27.0	18.5	18.5	488	0	443	443	78
	1999	2,888	2016	27.0	18.5	18.5	188	0	1,443	1,443	78
	1946	146,174	2016	27.0	32.5	18.5	4,888	0	98,335	48,841	2,494
315 3		157,546		33.6	34.4	18.5	4,586	0	183,213	54,353	2,938
315 3		INTERIM NET SALVAGE Z = 0									
ACCOUNT 315		1,167,287		27.4	17.2	12.1	68,818	-142,113	941,317	225,890	16,727
ACCOUNT 315		INTERIM NET SALVAGE Z = -12									
UNIT 5		25,893,962		34.1	9.1	16.1	2,768,809	-1,244,495	12,719,938	12,374,827	735,679
UNIT 5		INTERIM NET SALVAGE Z = -5									
LOCATION NUMBER = 1101 UNIT = 6											
CRIST STEAM PLANT UNIT 6											
ACCOUNT 312											
GROUP 1	0 To 20 Year Service Life										
	1996	478,294	2015	19.0	1.5	17.5	318,863	0	37,768	446,634	25,173
	1995	189,427	2015	20.0	1.5	17.5	43,881	0	19,963	139,574	7,701
	1994	1,458,949	2014	20.0	1.5	16.5	414,557	-217,642	253,916	1,197,633	72,547

14:12 Tuesday, April 15, 1997 39

SELF POWER COMPANY
PRODUCTION PLANT
FINANCIAL ANALYSIS
(HISTORICAL DATA)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 40

VIN	BALANCE 12/97	RET	ASL	AGE	ASL	AGE WEIGHT INTERIN SAL	CALC. RESERVE	UNRECOVERED	ACCURAL
GROUP 3	36 To Retirement Date of Unit								
1994	6,915,298	2015	21.0	3.0	17.0	1,975,799	0	1,152,559	5,762,744
1992	25,422	2015	22.0	9.0	17.0	3,715	0	0	329,388
1987	281,544	2015	27.0	9.0	17.0	29,425	0	0	18,428
1985	129,730	2015	29.0	18.0	17.0	129,165	0	0	6,812
1983	119,730	2015	31.0	18.0	17.0	119,165	0	0	6,812
1979	119,730	2015	35.0	18.0	17.0	119,165	0	0	6,812
1977	143,848	2015	37.0	18.0	17.0	143,288	0	0	6,812
1974	143,848	2015	41.0	18.0	17.0	143,288	0	0	6,812
1973	67,474	2015	43.0	18.0	17.0	67,474	0	0	3,751
1972	72,781	2015	45.0	18.0	17.0	72,781	0	0	2,223
1971	129,730	2015	47.0	18.0	17.0	129,730	0	0	2,223
1970	3,744,930	2015	49.0	17.0	17.0	3,744,930	0	2,328,546	1,416,384
312 3	11,869,583		26.4	5.4	17.5	2,190,885	0	3,995,872	7,855,431
312 3	INTERIN NET SALVAGE Z = 0								448,882
ACCOUNT 312	\$2,558,158		26.9	5.4	16.5	9,796,431	-1,525,204	17,856,374	34,693,704
ACCOUNT 312	INTERIN NET SALVAGE Z = -3								2,180,925
ACCOUNT 314									
GROUP 1	0 To 20 Year Service Life								
1995	\$2,094	2013	29.0	4.0	15.0	11,468	-7,889	11,434	48,748
1987	39,427	2013	29.0	18.0	9.0	3,774	-5,944	21,884	18,428
1985	28,422	2013	29.0	18.0	7.0	0,885	-7,889	21,884	18,428
1982	28,422	2013	29.0	18.0	7.0	0,885	-7,889	21,884	18,428
1971	15,551	1995	29.0	0.0	0.0	11	-118	784	0
1970	38,778	1995	29.0	0.0	0.0	370	-5,617	38,778	0
314 1	197,892		28.8	9.2	11.0	21,464	-29,544	118,737	78,355
314 1	INTERIN NET SALVAGE Z = -15								7,114
GROUP 2	21 To 35 Year Service Life								

GULF POWER COMPANY
PRODUCTION PLANT
PROPERTY ANALYSIS
(DOMESTIC INTEREST)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 41

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCURAL
1972	2,000	2015	20.0	4.0	17.0	3.0	0	1,134	7,948	454
1973	21,114	2015	20.0	4.0	17.0	4.0	0	43,288	169,196	9,464
1974	21,114	2015	20.0	4.0	17.0	5.0	0	16,551	44,559	2,544
1975	6,518	2015	20.0	4.0	17.0	6.0	0	3,299	3,326	19
1976	16,726	2015	20.0	4.0	17.0	7.0	0	5,914	3,153	193
1977	16,726	2015	20.0	4.0	17.0	8.0	0	3,772	4,677	71
1978	627,274	2015	20.0	4.0	17.0	9.0	0	688,883	177,293	829
314 1	1,130,515		30.7	12.4	11.0	91,867	-124,250	730,845	407,450	23,450
314 2	INTERIM NET SALVAGE Z = -11									37,115

GROUP 2 36 To Retirement Date of Unit

1972	169,134	2015	21.0	5.0	17.0	44,359	0	29,299	161,947	9,044
1973	15,235	2015	21.0	5.0	17.0	1,754	0	7,897	1,893	1,000
1974	15,235	2015	21.0	5.0	17.0	1,754	0	7,897	1,893	1,000
1975	1,000	2015	21.0	5.0	17.0	1,754	0	7,897	1,893	1,000
1976	8,000	2015	21.0	5.0	17.0	1,754	0	7,897	1,893	1,000
1977	8,000	2015	21.0	5.0	17.0	1,754	0	7,897	1,893	1,000
1978	17,774	2015	21.0	5.0	17.0	1,754	0	7,897	1,893	1,000
314 3	11,281,279		39.4	19.5	17.5	575,944	0	6,222,812	4,978,467	284,484
314 3	INTERIM NET SALVAGE Z = 0									

ACCOUNT 314	12,536,886		37.8	18.2	16.6	688,617	-157,814	7,072,414	5,464,472	328,715
ACCOUNT 314	INTERIM NET SALVAGE Z = -1									

ACCOUNT 315

GROUP 1 0 To 20 Year Service Life

GULF POWER COMPANY
PRODUCTION PLANT
PROPERTY ANALYSIS
(DOMESTIC INTEREST)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 42

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCURAL
1972	5,097	2015	20.0	0.0	17.0	2,029	-16,421	19,637	4,466	255
1973	10,724	2015	20.0	0.0	17.0	1,754	-11,121	19,637	9,429	5,477
1974	9,429	2015	20.0	0.0	17.0	1,754	-11,121	19,637	4,429	276
1975	4,429	2015	20.0	0.0	17.0	1,754	-11,121	19,637	4,429	272
1976	19,637	2015	20.0	0.0	17.0	1,754	-11,121	19,637	14,559	2,251
1977	16,114	2015	20.0	0.0	17.0	1,754	-11,121	19,637	3,429	744
1978	15,232	2015	20.0	0.0	17.0	1,754	-11,121	19,637	20,142	8,057
315 1	441,695		20.0	0.0	8.1	53,040	-45,409	295,325	146,366	18,094
315 1	INTERIM NET SALVAGE Z = -15									

GROUP 2 21 To 35 Year Service Life

1972	17,634	2015	21.0	0.0	17.0	3,004	0	4,214	13,610	744
1973	44,344	2015	21.0	0.0	17.0	3,004	0	4,214	11,444	1,798
1974	234,883	2015	21.0	0.0	17.0	3,004	0	4,214	17,000	9,480
1975	1,000	2015	21.0	0.0	17.0	3,004	0	4,214	1,000	67
1976	1,000	2015	21.0	0.0	17.0	3,004	0	4,214	1,000	475
1977	127,618	2015	21.0	0.0	17.0	3,004	0	4,214	9,000	1,575
1978	153,343	2015	21.0	0.0	17.0	3,004	0	4,214	9,000	564
315 2	1,945,187		32.9	18.9	10.6	104,144	-232,577	1,331,434	633,751	59,850
315 2	INTERIM NET SALVAGE Z = -12									

GROUP 3 36 To Retirement Date of Unit

1972	2,042	2015	31.0	0.0	17.0	337	0	3,734	1,976	110
1973	2,042	2015	31.0	0.0	17.0	337	0	3,734	4,418	252

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC METHOD)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 43

VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
1983	25,840	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
1981	198	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
1977	28,443	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
1975	796	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
1972	0,000	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
1971	0,000	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
1970	1,286,161	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
315 3	1,345,046		44.3	26.6	17.5	51,393	0	825,674	539,372	30,821
315 5	INTERIM NET SALVAGE Z = 0									
ACCOUNT 315	3,771,926		33.5	18.1	12.1	208,579	-298,067	2,452,435	1,319,491	168,725
ACCOUNT 315	INTERIM NET SALVAGE Z = -8									
UNIT 6	68,858,978		27.1	6.4	16.2	10,495,827	-1,981,885	27,381,223	41,477,747	2,538,343
UNIT 6	INTERIM NET SALVAGE Z = -3									
LOCATION NUMBER = 1101 UNIT = 7										
CRIST STEAM PLANT UNIT 7										
ACCOUNT 312										

GROUP 1 0 To 20 Year Service Life

1994	8,940	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
1992	8,940	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
1991	6,178	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
1989	41,115	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
1988	974,929	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
1987	198,825	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
1985	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
1981	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
1977	127,174	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
1975	127,174	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
1973	688,179	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC METHOD)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 44

	VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
312 1		8,271,963		28.0	7.4	13.0	1,121,325	-1,248,794	3,432,398	4,839,675	572,795
312 1		INTERIM NET SALVAGE Z = -15									
GROUP 2	21 To 35 Year Service Life										
	1996	99,899	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1995	484,843	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1994	2,188	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1993	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1992	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1991	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1990	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1989	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1988	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1987	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1986	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1985	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1984	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1983	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1982	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1981	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1980	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1979	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1978	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1977	182,828	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1976	182,828	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1975	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1974	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1973	12,884,513	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
312 2		44,283,514		30.1	9.1	17.9	4,866,947	-2,283,729	17,982,822	26,388,692	1,678,909
312 2		INTERIM NET SALVAGE Z = -5									
GROUP 3	36 To Retirement Date of Unit										
	1991	3,429,434	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1990	78,859	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1989	19,816	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1988	129,783	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1987	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1986	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1985	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1984	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1983	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1982	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1981	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1980	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1979	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1978	0	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799
	1977	489,349	2018	32.0	14.0	17.0	1.763	0	11,582	13,978	799

GULF POWER COMPANY
 PRODUCTION PLANT
 FORECAST ANALYSIS
 (HARMONIC WEIGHTED)
 1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 45

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL										
1976	10,461	2010	28.0	11.1	11.1	0.00	0	0.000	0.000	0.000										
1977	1,000	2010	28.0	11.1	11.1	0.00	0	0.000	0.000	0.000										
1978	1,000	2010	28.0	11.1	11.1	0.00	0	0.000	0.000	0.000										
1979	7,228,259	2010	28.0	11.1	11.1	0.00	0	0.000	0.000	0.000										
312 3	14,641,921		37.3	15.9	20.5	1,042,206	0	6,813,137	7,928,784	306,769										
312 3	INTERIM NET SALVAGE X = 0																			
ACCOUNT 312	66,917,398		29.5	9.5	17.5	7,830,550	-3,444,523	27,840,349	39,069,049	2,230,471										
ACCOUNT 312	INTERIM NET SALVAGE X = -5																			
ACCOUNT 314																				
GROUP 1 0 To 20 Year Service Life																				
1995	53,854	2010	28.0	4.0	10.0	11,760	-0,078	12,118	61,730	2,695										
1996	1,000	2010	28.0	4.0	10.0	7,700	-18,040	7,700	1,000	0										
1997	66,277	1995	28.0	04.5	0.0	2,700	-9,942	66,277	0	0										
314 1	227,673		28.0	10.2	8.9	22,250	-34,151	155,605	72,068	8,371										
314 1	INTERIM NET SALVAGE X = -15																			
GROUP 2 21 To 35 Year Service Life																				
1995	3,531,909	2010	25.0	4.0	20.0	740,426	0	599,764	2,732,165	133,276										
1996	349,594	2010	25.0	4.0	20.0	32,160	0	68,192	212,409	10,365										
1997	21,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
1998	227,272	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
1999	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2000	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2001	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2002	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2003	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2004	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2005	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2006	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2007	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2008	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2009	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2010	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2011	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2012	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2013	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2014	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2015	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2016	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2017	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2018	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2019	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2020	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2021	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2022	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2023	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2024	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2025	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2026	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2027	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2028	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2029	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2030	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2031	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2032	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2033	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2034	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2035	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2036	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2037	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2038	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2039	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2040	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2041	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2042	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2043	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2044	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2045	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2046	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2047	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2048	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2049	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2050	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2051	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2052	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2053	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2054	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2055	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2056	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2057	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2058	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2059	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2060	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2061	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2062	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2063	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2064	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2065	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2066	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2067	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2068	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2069	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2070	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2071	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2072	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2073	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2074	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2075	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2076	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2077	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2078	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2079	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2080	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2081	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2082	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2083	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2084	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2085	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2086	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2087	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2088	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2089	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2090	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2091	12,000	2010	25.0	4.0	20.0	19,763	0	21,000	11,000	0										
2092	12,0																			

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 49

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUMUL
LOCATION NUMBER = 1111 UNIT = 0										
SCHOLTZ STEAM PLANT COMMON										
ACCOUNT 311										
GROUP 3 Through Retirement Date of Unit										
1996	117,191	2011	16.0			44,876	0	16,211	98,880	7,326
1997	117,191	2011	17.0			18,779	0	7,731	99,025	7,326
1998	117,191	2011	18.0			7,731	0	3,366	91,974	7,326
1999	117,191	2011	19.0			3,366	0	1,483	88,611	7,326
2000	117,191	2011	20.0			1,483	0	661	87,130	7,326
2001	117,191	2011	21.0			661	0	290	86,440	7,326
2002	117,191	2011	22.0			290	0	125	85,215	7,326
2003	117,191	2011	23.0			125	0	55	84,160	7,326
2004	117,191	2011	24.0			55	0	24	83,136	7,326
2005	117,191	2011	25.0			24	0	11	82,125	7,326
2006	117,191	2011	26.0			11	0	5	81,120	7,326
2007	117,191	2011	27.0			5	0	2	80,120	7,326
2008	117,191	2011	28.0			2	0	1	79,120	7,326
2009	117,191	2011	29.0			1	0	0	78,120	7,326
2010	117,191	2011	30.0			0	0	0	77,120	7,326
2011	117,191	2011	31.0			0	0	0	76,120	7,326
2012	117,191	2011	32.0			0	0	0	75,120	7,326
2013	117,191	2011	33.0			0	0	0	74,120	7,326
2014	117,191	2011	34.0			0	0	0	73,120	7,326
2015	117,191	2011	35.0			0	0	0	72,120	7,326
2016	117,191	2011	36.0			0	0	0	71,120	7,326
2017	117,191	2011	37.0			0	0	0	70,120	7,326
2018	117,191	2011	38.0			0	0	0	69,120	7,326
2019	117,191	2011	39.0			0	0	0	68,120	7,326
2020	117,191	2011	40.0			0	0	0	67,120	7,326
2021	117,191	2011	41.0			0	0	0	66,120	7,326
2022	117,191	2011	42.0			0	0	0	65,120	7,326
2023	117,191	2011	43.0			0	0	0	64,120	7,326
2024	117,191	2011	44.0			0	0	0	63,120	7,326
2025	117,191	2011	45.0			0	0	0	62,120	7,326
2026	117,191	2011	46.0			0	0	0	61,120	7,326
2027	117,191	2011	47.0			0	0	0	60,120	7,326
2028	117,191	2011	48.0			0	0	0	59,120	7,326
2029	117,191	2011	49.0			0	0	0	58,120	7,326
2030	117,191	2011	50.0			0	0	0	57,120	7,326
2031	117,191	2011	51.0			0	0	0	56,120	7,326
2032	117,191	2011	52.0			0	0	0	55,120	7,326
2033	117,191	2011	53.0			0	0	0	54,120	7,326
2034	117,191	2011	54.0			0	0	0	53,120	7,326
2035	117,191	2011	55.0			0	0	0	52,120	7,326
2036	117,191	2011	56.0			0	0	0	51,120	7,326
2037	117,191	2011	57.0			0	0	0	50,120	7,326
2038	117,191	2011	58.0			0	0	0	49,120	7,326
2039	117,191	2011	59.0			0	0	0	48,120	7,326
2040	117,191	2011	60.0			0	0	0	47,120	7,326
2041	117,191	2011	61.0			0	0	0	46,120	7,326
2042	117,191	2011	62.0			0	0	0	45,120	7,326
2043	117,191	2011	63.0			0	0	0	44,120	7,326
2044	117,191	2011	64.0			0	0	0	43,120	7,326
2045	117,191	2011	65.0			0	0	0	42,120	7,326
2046	117,191	2011	66.0			0	0	0	41,120	7,326
2047	117,191	2011	67.0			0	0	0	40,120	7,326
2048	117,191	2011	68.0			0	0	0	39,120	7,326
2049	117,191	2011	69.0			0	0	0	38,120	7,326
2050	117,191	2011	70.0			0	0	0	37,120	7,326
2051	117,191	2011	71.0			0	0	0	36,120	7,326
2052	117,191	2011	72.0			0	0	0	35,120	7,326
2053	117,191	2011	73.0			0	0	0	34,120	7,326
2054	117,191	2011	74.0			0	0	0	33,120	7,326
2055	117,191	2011	75.0			0	0	0	32,120	7,326
2056	117,191	2011	76.0			0	0	0	31,120	7,326
2057	117,191	2011	77.0			0	0	0	30,120	7,326
2058	117,191	2011	78.0			0	0	0	29,120	7,326
2059	117,191	2011	79.0			0	0	0	28,120	7,326
2060	117,191	2011	80.0			0	0	0	27,120	7,326
2061	117,191	2011	81.0			0	0	0	26,120	7,326
2062	117,191	2011	82.0			0	0	0	25,120	7,326
2063	117,191	2011	83.0			0	0	0	24,120	7,326
2064	117,191	2011	84.0			0	0	0	23,120	7,326
2065	117,191	2011	85.0			0	0	0	22,120	7,326
2066	117,191	2011	86.0			0	0	0	21,120	7,326
2067	117,191	2011	87.0			0	0	0	20,120	7,326
2068	117,191	2011	88.0			0	0	0	19,120	7,326
2069	117,191	2011	89.0			0	0	0	18,120	7,326
2070	117,191	2011	90.0			0	0	0	17,120	7,326
2071	117,191	2011	91.0			0	0	0	16,120	7,326
2072	117,191	2011	92.0			0	0	0	15,120	7,326
2073	117,191	2011	93.0			0	0	0	14,120	7,326
2074	117,191	2011	94.0			0	0	0	13,120	7,326
2075	117,191	2011	95.0			0	0	0	12,120	7,326
2076	117,191	2011	96.0			0	0	0	11,120	7,326
2077	117,191	2011	97.0			0	0	0	10,120	7,326
2078	117,191	2011	98.0			0	0	0	9,120	7,326
2079	117,191	2011	99.0			0	0	0	8,120	7,326
2080	117,191	2011	100.0			0	0	0	7,120	7,326
2081	117,191	2011	101.0			0	0	0	6,120	7,326
2082	117,191	2011	102.0			0	0	0	5,120	7,326
2083	117,191	2011	103.0			0	0	0	4,120	7,326
2084	117,191	2011	104.0			0	0	0	3,120	7,326
2085	117,191	2011	105.0			0	0	0	2,120	7,326
2086	117,191	2011	106.0			0	0	0	1,120	7,326
2087	117,191	2011	107.0			0	0	0	240	7,326
2088	117,191	2011	108.0			0	0	0	80	7,326
2089	117,191	2011	109.0			0	0	0	0	7,326
2090	117,191	2011	110.0			0	0	0	0	7,326
2091	117,191	2011	111.0			0	0	0	0	7,326
2092	117,191	2011	112.0			0	0	0	0	7,326
2093	117,191	2011	113.0			0	0	0	0	7,326
2094	117,191	2011	114.0			0	0	0	0	7,326
2095	117,191	2011	115.0			0	0	0	0	7,326
2096	117,191	2011	116.0			0	0	0	0	7,326
2097	117,191	2011	117.0			0	0	0	0	7,326
2098	117,191	2011	118.0			0	0	0	0	7,326
2099	117,191	2011	119.0			0	0	0	0	7,326
2100	117,191	2011	120.0			0	0	0	0	7,326
2101	117,191	2011	121.0			0	0	0	0	7,326
2102	117,191	2011	122.0			0	0	0	0	7,326
2103	117,191	2011	123.0			0	0	0	0	7,326
2104	117,191	2011	124.0			0	0	0	0	7,326
2105	117,191	2011	125.0			0	0	0	0	7,326
2106	117,191	2011	126.0			0	0	0	0	7,326
2107	117,191	2011	127.0			0	0	0	0	7,326
2108	117,191	2011	128.0			0	0	0	0	7,326
2109	117,191	2011	129.0			0	0	0	0	7,326
2110	117,191	2011	130.0			0	0	0	0	7,326
2111	117,191	2011	131.0			0	0	0	0	7,326
2112	117,191	2011	132.0			0	0	0	0	7,326
2113	117,191	2011	133.0			0	0	0	0	7,326
2114	117,191	2011	134.0			0	0	0	0	7,326
2115	117,191	2011	135.0			0	0	0	0	7,326
2116	117,191	2011	136.0			0	0	0	0	7,326
2117	117,191	2011	137.0			0	0	0	0	7,326
2118	117,191	2011	138.0			0	0	0	0	7,326
2119	117,191	2011	139.0			0	0	0	0	7,326
2120	117,191	2011	140.0			0	0	0	0	7,326
2121	117,191	2011	141.0			0	0	0	0	7,326
2122	117,191	2011	142.0			0	0	0	0	7,326
2123	117,191	2011	143.0			0	0	0	0	7,326
2										

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 51

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUMUL
1988	7,378	2011	31.0	17.5	13.5	433	0	4,278	3,500	244
1979	604,884	2011	32.0	18.5	14.5	32,784	0	354,884	235,879	10,953
1978	1,327	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1977	1,327	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1976	1,327	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1975	1,327	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1974	404,884	2011	32.0	18.5	14.5	17,296	-1,598	27,903	133,549	11,613
1973	1,327	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1972	20,880	2011	32.0	18.5	14.5	72	-3,880	15,714	4,284	571
1967	1,402	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1969	54,424	1994	32.0	18.5	14.5	1,514	-8,224	54,424	180	48
1966	1,709	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1965	235	2011	32.0	18.5	14.5	41	0	7,378	4,634	340
1963	340,271	1988	32.0	18.5	14.5	6,748	-45,841	340,271	0	0
312 2	2,581,941		28.7	14.5	13.2	178,462	-128,889	1,531,738	1,050,203	79,625
312 2	INTERIM NET SALVAGE Z = -5									
GROUP 5	36 To Retirement Date of Unit									
1997	44,888	2011	16.0	8.5	13.5	22,888	0	1,571	42,429	3,143
1994	7,378	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1988	340,271	2011	32.0	18.5	14.5	6,748	0	340,271	0	0
1986	4,419	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1985	224,491	2011	32.0	18.5	14.5	17,296	0	17,296	118,843	8,434
1984	11,849	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1983	19,887	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1982	8,419	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1978	37,323	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1976	235,210	2011	32.0	18.5	14.5	11,745	0	11,745	95,784	7,080
1974	2,839	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1972	1,774	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1969	1,774	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1966	8,119	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1964	1,774	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1963	731,078	2011	32.0	18.5	14.5	16,892	0	578,718	174,948	12,948
312 3	1,098,858		33.8	15.4	13.5	123,396	0	1,141,271	757,587	56,118
312 3	INTERIM NET SALVAGE Z = 0									

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 52

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUMUL
ACCOUNT 312	5,140,548		28.7	14.7	12.6	349,812	-214,775	3,199,848	1,941,588	153,524
ACCOUNT 312	INTERIM NET SALVAGE Z = -4									
ACCOUNT 314										
GROUP 1 0 To 20 Year Service Life										
1984	1,304	2004	28.0	13.5	6.5	97	-196	280	424	65
314 1	1,304		28.1	13.4	6.5	97	-196	880	424	65
314 1	INTERIM NET SALVAGE Z = -15									
GROUP 2 21 To 35 Year Service Life										
1984	21,567	2011	27.0	13.5	13.5	1,999	0	10,794	10,795	799
1986	4,149	1991	32.0	18.5	14.5	49	0	7,378	4,634	340
1985	478,217	1988	32.0	18.5	14.5	10,612	-79,833	478,217	0	0
314 2	499,578		34.6	18.5	13.5	12,348	-71,699	488,788	10,795	799
314 2	INTERIM NET SALVAGE Z = -14									
GROUP 3 36 To Retirement Date of Unit										
1984	7,378	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1979	28,988	2011	32.0	18.5	14.5	1,124	0	1,124	12,196	963
1977	3,149	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1976	925	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1975	142	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1974	2,932	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1973	83	2011	32.0	18.5	14.5	49	0	7,378	4,634	340
1963	348,844	2011	32.0	18.5	14.5	7,641	0	268,897	79,149	5,843
314 3	343,577		33.3	18.4	13.5	9,983	0	284,375	97,282	7,199

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 53

VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUMUL
314 3	INTERIM NET SALVAGE Z = 0									
ACCOUNT 314	884,459		48.7	39.6	13.4	22,428	-71,894	776,040	108,419	6,063
ACCOUNT 314	INTERIM NET SALVAGE Z = -8									
ACCOUNT 315										
GROUP 1	0 To 20 Year Service Life									
1988	44,018	2088	20.0			4,633	-4,643	20,000	23,109	2,201
1985	92,279	2085	20.0			1,000	-1,000	10,000	10,000	0,000
1984	18,067	2084	20.0			1,000	-1,000	10,000	10,000	0,000
1983	4,018	2083	20.0			1,000	-1,000	10,000	10,000	0,000
1982	4,018	2082	20.0			1,000	-1,000	10,000	10,000	0,000
1981	4,018	2081	20.0			1,000	-1,000	10,000	10,000	0,000
1980	4,018	2080	20.0			1,000	-1,000	10,000	10,000	0,000
1979	4,018	2079	20.0			1,000	-1,000	10,000	10,000	0,000
1978	4,018	2078	20.0			1,000	-1,000	10,000	10,000	0,000
1977	4,018	2077	20.0			1,000	-1,000	10,000	10,000	0,000
1976	4,018	2076	20.0			1,000	-1,000	10,000	10,000	0,000
1975	4,018	2075	20.0			1,000	-1,000	10,000	10,000	0,000
1974	4,018	2074	20.0			1,000	-1,000	10,000	10,000	0,000
1973	4,018	2073	20.0			1,000	-1,000	10,000	10,000	0,000
1972	4,018	2072	20.0			1,000	-1,000	10,000	10,000	0,000
1971	4,018	2071	20.0			1,000	-1,000	10,000	10,000	0,000
1970	4,018	2070	20.0			1,000	-1,000	10,000	10,000	0,000
1969	4,018	2069	20.0			1,000	-1,000	10,000	10,000	0,000
1968	4,018	2068	20.0			1,000	-1,000	10,000	10,000	0,000
1967	4,018	2067	20.0			1,000	-1,000	10,000	10,000	0,000
1966	4,018	2066	20.0			1,000	-1,000	10,000	10,000	0,000
1965	4,018	2065	20.0			1,000	-1,000	10,000	10,000	0,000
1964	4,018	2064	20.0			1,000	-1,000	10,000	10,000	0,000
1963	4,018	2063	20.0			1,000	-1,000	10,000	10,000	0,000
1962	4,018	2062	20.0			1,000	-1,000	10,000	10,000	0,000
1961	4,018	2061	20.0			1,000	-1,000	10,000	10,000	0,000
1960	4,018	2060	20.0			1,000	-1,000	10,000	10,000	0,000
1959	4,018	2059	20.0			1,000	-1,000	10,000	10,000	0,000
1958	4,018	2058	20.0			1,000	-1,000	10,000	10,000	0,000
1957	4,018	2057	20.0			1,000	-1,000	10,000	10,000	0,000
1956	4,018	2056	20.0			1,000	-1,000	10,000	10,000	0,000
1955	4,018	2055	20.0			1,000	-1,000	10,000	10,000	0,000
1954	4,018	2054	20.0			1,000	-1,000	10,000	10,000	0,000
1953	4,018	2053	20.0			1,000	-1,000	10,000	10,000	0,000
1952	4,018	2052	20.0			1,000	-1,000	10,000	10,000	0,000
1951	4,018	2051	20.0			1,000	-1,000	10,000	10,000	0,000
1950	4,018	2050	20.0			1,000	-1,000	10,000	10,000	0,000
1949	4,018	2049	20.0			1,000	-1,000	10,000	10,000	0,000
1948	4,018	2048	20.0			1,000	-1,000	10,000	10,000	0,000
1947	4,018	2047	20.0			1,000	-1,000	10,000	10,000	0,000
1946	4,018	2046	20.0			1,000	-1,000	10,000	10,000	0,000
1945	4,018	2045	20.0			1,000	-1,000	10,000	10,000	0,000
1944	4,018	2044	20.0			1,000	-1,000	10,000	10,000	0,000
1943	4,018	2043	20.0			1,000	-1,000	10,000	10,000	0,000
1942	4,018	2042	20.0			1,000	-1,000	10,000	10,000	0,000
1941	4,018	2041	20.0			1,000	-1,000	10,000	10,000	0,000
1940	4,018	2040	20.0			1,000	-1,000	10,000	10,000	0,000
1939	4,018	2039	20.0			1,000	-1,000	10,000	10,000	0,000
1938	4,018	2038	20.0			1,000	-1,000	10,000	10,000	0,000
1937	4,018	2037	20.0			1,000	-1,000	10,000	10,000	0,000
1936	4,018	2036	20.0			1,000	-1,000	10,000	10,000	0,000
1935	4,018	2035	20.0			1,000	-1,000	10,000	10,000	0,000
1934	4,018	2034	20.0			1,000	-1,000	10,000	10,000	0,000
1933	4,018	2033	20.0			1,000	-1,000	10,000	10,000	0,000
1932	4,018	2032	20.0			1,000	-1,000	10,000	10,000	0,000
1931	4,018	2031	20.0			1,000	-1,000	10,000	10,000	0,000
1930	4,018	2030	20.0			1,000	-1,000	10,000	10,000	0,000
1929	4,018	2029	20.0			1,000	-1,000	10,000	10,000	0,000
1928	4,018	2028	20.0			1,000	-1,000	10,000	10,000	0,000
1927	4,018	2027	20.0			1,000	-1,000	10,000	10,000	0,000
1926	4,018	2026	20.0			1,000	-1,000	10,000	10,000	0,000
1925	4,018	2025	20.0			1,000	-1,000	10,000	10,000	0,000
1924	4,018	2024	20.0			1,000	-1,000	10,000	10,000	0,000
1923	4,018	2023	20.0			1,000	-1,000	10,000	10,000	0,000
1922	4,018	2022	20.0			1,000	-1,000	10,000	10,000	0,000
1921	4,018	2021	20.0			1,000	-1,000	10,000	10,000	0,000
1920	4,018	2020	20.0			1,000	-1,000	10,000	10,000	0,000
1919	4,018	2019	20.0			1,000	-1,000	10,000	10,000	0,000
1918	4,018	2018	20.0			1,000	-1,000	10,000	10,000	0,000
1917	4,018	2017	20.0			1,000	-1,000	10,000	10,000	0,000
1916	4,018	2016	20.0			1,000	-1,000	10,000	10,000	0,000
1915	4,018	2015	20.0			1,000	-1,000	10,000	10,000	0,000
1914	4,018	2014	20.0			1,000	-1,000	10,000	10,000	0,000
1913	4,018	2013	20.0			1,000	-1,000	10,000	10,000	0,000
1912	4,018	2012	20.0			1,000	-1,000	10,000	10,000	0,000
1911	4,018	2011	20.0			1,000	-1,000	10,000	10,000	0,000
1910	4,018	2010	20.0			1,000	-1,000	10,000	10,000	0,000
1909	4,018	2009	20.0			1,000	-1,000	10,000	10,000	0,000
1908	4,018	2008	20.0			1,000	-1,000	10,000	10,000	0,000
1907	4,018	2007	20.0			1,000	-1,000	10,000	10,000	0,000
1906	4,018	2006	20.0			1,000	-1,000	10,000	10,000	0,000
1905	4,018	2005	20.0			1,000	-1,000	10,000	10,000	0,000
1904	4,018	2004	20.0			1,000	-1,000	10,000	10,000	0,000
1903	4,018	2003	20.0			1,000	-1,000	10,000	10,000	0,000
1902	4,018	2002	20.0			1,000	-1,000	10,000	10,000	0,000
1901	4,018	2001	20.0			1,000	-1,000	10,000	10,000	0,000
1900	4,018	2000	20.0			1,000	-1,000	10,000	10,000	0,000
1899	4,018	1999	20.0			1,000	-1,000	10,000	10,000	0,000
1898	4,018	1998	20.0			1,000	-1,000	10,000	10,000	0,000
1897	4,018	1997	20.0			1,000	-1,000	10,000	10,000	0,000
1896	4,018	1996	20.0			1,000	-1,000	10,000	10,000	0,000
1895	4,018	1995	20.0			1,000	-1,000	10,000	10,000	0,000
1894	4,018	1994	20.0			1,000	-1,000	10,000	10,000	0,000
1893	4,018	1993	20.0			1,000	-1,000	10,000	10,000	0,000
1892	4,018	1992	20.0			1,000	-1,000	10,000	10,000	0,000
1891	4,018	1991	20.0			1,000	-1,000	10,000	10,000	0,000
1890	4,018	1990	20.0			1,000	-1,000	10,000	10,000	0,000
1889	4,018	1989	20.0			1,000	-1,000	10,000	10,000	0,000
1888	4,018	1988	20.0			1,000	-1,000	10,000	10,000	0,000
1887	4,018	1987	20.0			1,000	-1,000	10,000	10,000	0,000
1886	4,018	1986	20.0			1,000	-1,000	10,000	10,000	0,000
1885	4,018	1985	20.0			1,000	-1,000	10,000	10,000	0,000
1884	4,018	1984	20.0			1,000	-1,000	10,000	10,000	0,000
1883	4,018	1983	20.0			1,000	-1,000	10,000	10,000	0,000
1882	4,018	1982	20.0			1,000	-1,000	10,000	10,000	0,000
1881	4,018	1981	20.0			1,000	-1,000	10,000	10,000	0,000
1880	4,018	1980	20.0			1,000	-1,000	10,000	10,000	0,000
1879	4,018	1979	20.0			1,000	-1,000	10,000	10,000	0,000
1878	4,018	1978	20.0			1,000	-1,000	10,000	10,000	0,000
1877	4,018	1977	20.0			1,000	-1,000	10,000	10,000	0,000
1876	4,018	1976	20.0			1,000	-1,000	10,000	10,000	0,000
1875	4,018	1975	20.0			1,000	-1,000	10,000	10,000	0,000
1874	4,018	1974	20.0</							

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

16:12 Tuesday, April 15, 1997 55

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCURAL
315 3	740,936		41.7	26.3	13.5	28,161	0	501,256	239,680	17,752
315 3	INTERIM NET SALVAGE Z = 0									
ACCOUNT 315	3,182,521		28.6	19.0	12.2	162,999	-252,348	2,266,737	837,704	68,657
ACCOUNT 315	INTERIM NET SALVAGE Z = -8									
ACCOUNT 316										
GROUP 1	0 To 20 Year Service Life									
1995	4,794	2011	18.0	4.5	13.5	1,065	0	1,199	3,595	286
1996	4,461	2012	18.0	5.5	13.5	825	-1,250	1,179	4,110	4,110
1997	8,257	2013	18.0	6.5	13.5	625	-1,250	1,179	4,110	4,110
1998	12,103	2014	18.0	7.5	13.5	425	-1,250	1,179	4,110	4,110
1999	15,949	2015	18.0	8.5	13.5	225	-1,250	1,179	4,110	4,110
2000	19,795	2016	18.0	9.5	13.5	25	-1,250	1,179	4,110	4,110
2001	23,641	2017	18.0	10.5	13.5	0	-1,250	1,179	4,110	4,110
2002	27,487	2018	18.0	11.5	13.5	0	-1,250	1,179	4,110	4,110
2003	31,333	2019	18.0	12.5	13.5	0	-1,250	1,179	4,110	4,110
2004	35,179	2020	18.0	13.5	13.5	0	-1,250	1,179	4,110	4,110
2005	39,025	2021	18.0	14.5	13.5	0	-1,250	1,179	4,110	4,110
2006	42,871	2022	18.0	15.5	13.5	0	-1,250	1,179	4,110	4,110
2007	46,717	2023	18.0	16.5	13.5	0	-1,250	1,179	4,110	4,110
2008	50,563	2024	18.0	17.5	13.5	0	-1,250	1,179	4,110	4,110
2009	54,409	2025	18.0	18.5	13.5	0	-1,250	1,179	4,110	4,110
2010	58,255	2026	18.0	19.5	13.5	0	-1,250	1,179	4,110	4,110
2011	62,101	2027	18.0	20.5	13.5	0	-1,250	1,179	4,110	4,110
2012	65,947	2028	18.0	21.5	13.5	0	-1,250	1,179	4,110	4,110
2013	69,793	2029	18.0	22.5	13.5	0	-1,250	1,179	4,110	4,110
2014	73,639	2030	18.0	23.5	13.5	0	-1,250	1,179	4,110	4,110
2015	77,485	2031	18.0	24.5	13.5	0	-1,250	1,179	4,110	4,110
2016	81,331	2032	18.0	25.5	13.5	0	-1,250	1,179	4,110	4,110
2017	85,177	2033	18.0	26.5	13.5	0	-1,250	1,179	4,110	4,110
2018	89,023	2034	18.0	27.5	13.5	0	-1,250	1,179	4,110	4,110
2019	92,869	2035	18.0	28.5	13.5	0	-1,250	1,179	4,110	4,110
2020	96,715	2036	18.0	29.5	13.5	0	-1,250	1,179	4,110	4,110
2021	100,561	2037	18.0	30.5	13.5	0	-1,250	1,179	4,110	4,110
2022	104,407	2038	18.0	31.5	13.5	0	-1,250	1,179	4,110	4,110
2023	108,253	2039	18.0	32.5	13.5	0	-1,250	1,179	4,110	4,110
2024	112,099	2040	18.0	33.5	13.5	0	-1,250	1,179	4,110	4,110
2025	115,945	2041	18.0	34.5	13.5	0	-1,250	1,179	4,110	4,110
2026	119,791	2042	18.0	35.5	13.5	0	-1,250	1,179	4,110	4,110
2027	123,637	2043	18.0	36.5	13.5	0	-1,250	1,179	4,110	4,110
2028	127,483	2044	18.0	37.5	13.5	0	-1,250	1,179	4,110	4,110
2029	131,329	2045	18.0	38.5	13.5	0	-1,250	1,179	4,110	4,110
2030	135,175	2046	18.0	39.5	13.5	0	-1,250	1,179	4,110	4,110
2031	139,021	2047	18.0	40.5	13.5	0	-1,250	1,179	4,110	4,110
2032	142,867	2048	18.0	41.5	13.5	0	-1,250	1,179	4,110	4,110
2033	146,713	2049	18.0	42.5	13.5	0	-1,250	1,179	4,110	4,110
2034	150,559	2050	18.0	43.5	13.5	0	-1,250	1,179	4,110	4,110
2035	154,405	2051	18.0	44.5	13.5	0	-1,250	1,179	4,110	4,110
2036	158,251	2052	18.0	45.5	13.5	0	-1,250	1,179	4,110	4,110
2037	162,097	2053	18.0	46.5	13.5	0	-1,250	1,179	4,110	4,110
2038	165,943	2054	18.0	47.5	13.5	0	-1,250	1,179	4,110	4,110
2039	169,789	2055	18.0	48.5	13.5	0	-1,250	1,179	4,110	4,110
2040	173,635	2056	18.0	49.5	13.5	0	-1,250	1,179	4,110	4,110
2041	177,481	2057	18.0	50.5	13.5	0	-1,250	1,179	4,110	4,110
2042	181,327	2058	18.0	51.5	13.5	0	-1,250	1,179	4,110	4,110
2043	185,173	2059	18.0	52.5	13.5	0	-1,250	1,179	4,110	4,110
2044	189,019	2060	18.0	53.5	13.5	0	-1,250	1,179	4,110	4,110
2045	192,865	2061	18.0	54.5	13.5	0	-1,250	1,179	4,110	4,110
2046	196,711	2062	18.0	55.5	13.5	0	-1,250	1,179	4,110	4,110
2047	200,557	2063	18.0	56.5	13.5	0	-1,250	1,179	4,110	4,110
2048	204,403	2064	18.0	57.5	13.5	0	-1,250	1,179	4,110	4,110
2049	208,249	2065	18.0	58.5	13.5	0	-1,250	1,179	4,110	4,110
2050	212,095	2066	18.0	59.5	13.5	0	-1,250	1,179	4,110	4,110
2051	215,941	2067	18.0	60.5	13.5	0	-1,250	1,179	4,110	4,110
2052	219,787	2068	18.0	61.5	13.5	0	-1,250	1,179	4,110	4,110
2053	223,633	2069	18.0	62.5	13.5	0	-1,250	1,179	4,110	4,110
2054	227,479	2070	18.0	63.5	13.5	0	-1,250	1,179	4,110	4,110
2055	231,325	2071	18.0	64.5	13.5	0	-1,250	1,179	4,110	4,110
2056	235,171	2072	18.0	65.5	13.5	0	-1,250	1,179	4,110	4,110
2057	239,017	2073	18.0	66.5	13.5	0	-1,250	1,179	4,110	4,110
2058	242,863	2074	18.0	67.5	13.5	0	-1,250	1,179	4,110	4,110
2059	246,709	2075	18.0	68.5	13.5	0	-1,250	1,179	4,110	4,110
2060	250,555	2076	18.0	69.5	13.5	0	-1,250	1,179	4,110	4,110
2061	254,401	2077	18.0	70.5	13.5	0	-1,250	1,179	4,110	4,110
2062	258,247	2078	18.0	71.5	13.5	0	-1,250	1,179	4,110	4,110
2063	262,093	2079	18.0	72.5	13.5	0	-1,250	1,179	4,110	4,110
2064	265,939	2080	18.0	73.5	13.5	0	-1,250	1,179	4,110	4,110
2065	269,785	2081	18.0	74.5	13.5	0	-1,250	1,179	4,110	4,110
2066	273,631	2082	18.0	75.5	13.5	0	-1,250	1,179	4,110	4,110
2067	277,477	2083	18.0	76.5	13.5	0	-1,250	1,179	4,110	4,110
2068	281,323	2084	18.0	77.5	13.5	0	-1,250	1,179	4,110	4,110
2069	285,169	2085	18.0	78.5	13.5	0	-1,250	1,179	4,110	4,110
2070	289,015	2086	18.0	79.5	13.5	0	-1,250	1,179	4,110	4,110
2071	292,861	2087	18.0	80.5	13.5	0	-1,250	1,179	4,110	4,110
2072	296,707	2088	18.0	81.5	13.5	0	-1,250	1,179	4,110	4,110
2073	300,553	2089	18.0	82.5	13.5	0	-1,250	1,179	4,110	4,110
2074	304,399	2090	18.0	83.5	13.5	0	-1,250	1,179	4,110	4,110
2075	308,245	2091	18.0	84.5	13.5	0	-1,250	1,179	4,110	4,110
2076	312,091	2092	18.0	85.5	13.5	0	-1,250	1,179	4,110	4,110
2077	315,937	2093	18.0	86.5	13.5	0	-1,250	1,179	4,110	4,110
2078	319,783	2094	18.0	87.5	13.5	0	-1,250	1,179	4,110	4,110
2079	323,629	2095	18.0	88.5	13.5	0	-1,250	1,179	4,110	4,110
2080	327,475	2096	18.0	89.5	13.5	0	-1,250	1,179	4,110	4,110
2081	331,321	2097	18.0	90.5	13.5	0	-1,250	1,179	4,110	4,110
2082	335,167	2098	18.0	91.5	13.5	0	-1,250	1,179	4,110	4,110
2083	339,013	2099	18.0	92.5	13.5	0	-1,250	1,179	4,110	4,110
2084	342,859	2100	18.0	93.5	13.5	0	-1,250	1,179	4,110	4,110
2085	346,705	2101	18.0	94.5	13.5	0	-1,250	1,179	4,110	4,110
2086	350,551	2102	18.0	95.5	13.5	0	-1,250	1,179	4,110	4,110
2087	354,397	2103	18.0	96.5	13.5	0	-1,250	1,179	4,110	4,110
2088	358,243	2104	18.0	97.5	13.5	0	-1,250	1,179	4,110	4,110
2089	362,089	2105	18.0	98.5	13.5	0	-1,250	1,179	4,110	4,110
2090	365,935	2106	18.0	99.5	13.5	0	-1,250	1,179	4,110	4,110
2091	369,781	2107	18.0	100.5	13.5	0	-1,250	1,179	4,110	4,110
2092	373,627	2108	18.0	101.5	13.5	0	-1,250	1,179	4,110	4,110
2093	377,473	2109	18.0	102.5	13.5	0	-1,250	1,179	4,110	4,110
2094	381,319	2110	18.0	103.5	13.5	0	-1,250	1,179	4,110	4,110
2095	385,165	2111	18.0	104.5	13.5	0	-1,250	1,179	4,110	4,110
2096	389,011	2112	18.0	105.5	13.5	0	-1,250	1,179	4,110	4,110
2097	392,857	2113	18.0	106.5	13.5	0	-1,250	1,179	4,110	4,110
2098	396,703	2114	18.0	107.5	13.5	0	-1,250	1,179	4,110	4,110
2099	400,549	2115	18.0	108.5	13.5	0	-1,250	1,179	4,110	4,110
2100	404,395	2116								

GULF POWER COMPANY
PREDICTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 57

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUMUL
1995	61,880	2011	14.8	2.5	13.5	24,432		9,860	51,534	3,817
1996	8,149	1999	23.8	13.5	6.5	694	-1,232	8,881	2,648	487
1993	8,542	1973	28.0	44.5	0.0	192	-1,281	8,542	0	0
312 1	77,771		16.7	5.1	12.8	25,228	-2,504	23,887	54,184	4,224
312 1	INTERIM NET SALVAGE X = -3									
GROUP 2 21 To 35 Year Service Life										
1994	72,431	2011	17.0	3.5	13.5	29,499	0	14,092	57,019	4,261
1993	41,484	1991	22.0	0.0	0.0	91,479	0	18,479	28,524	22,524
1991	9,214	2001	22.0	0.0	0.0	11,471	0	2,471	9,214	0
1989	97,846	2001	22.0	0.0	0.0	1,471	0	97,846	0	0
1988	21,867	2001	22.0	0.0	0.0	1,861	0	21,867	0	0
1987	21,867	2001	22.0	0.0	0.0	21,867	0	21,867	0	0
1985	17,867	2001	22.0	0.0	0.0	17,867	0	17,867	0	0
1982	17,867	2001	22.0	0.0	0.0	17,867	0	17,867	0	0
1981	32,867	2001	22.0	0.0	0.0	19,867	0	19,867	19,867	0
1979	68,867	2001	22.0	0.0	0.0	3,867	0	3,867	68,867	0
1978	4,867	2001	22.0	0.0	0.0	4,867	0	4,867	0	0
1977	4,867	2001	22.0	0.0	0.0	4,867	0	4,867	0	0
1976	4,867	2001	22.0	0.0	0.0	4,867	0	4,867	0	0
1975	13,867	2001	22.0	0.0	0.0	13,867	0	13,867	0	0
1974	13,867	2001	22.0	0.0	0.0	13,867	0	13,867	0	0
1973	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1972	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1971	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1970	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1969	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1968	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1967	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1966	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1965	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1964	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1963	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1962	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1961	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1960	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1959	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1958	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1957	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1956	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1955	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1954	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1953	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1952	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1951	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1950	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1949	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1948	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1947	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1946	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1945	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1944	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1943	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1942	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1941	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1940	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1939	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1938	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1937	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1936	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1935	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1934	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1933	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1932	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1931	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1930	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1929	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1928	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1927	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1926	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1925	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1924	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1923	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1922	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1921	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1920	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1919	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1918	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1917	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1916	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1915	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1914	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1913	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1912	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1911	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1910	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1909	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1908	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1907	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1906	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1905	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1904	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1903	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1902	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1901	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1900	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1899	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1898	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1897	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1896	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1895	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1894	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1893	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1892	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1891	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1890	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1889	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1888	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1887	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1886	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1885	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1884	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1883	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1882	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1881	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1880	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1879	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1878	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1877	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1876	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1875	14,867	2001	22.0	0.0	0.0	14,867	0	14,867	0	0
1874	14,867	2001	22.0	0.0	0.0					

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE HEIGHT	INTERIM BAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
GROUP 3 34 To Retirement Date of Unit										
1992	388,949	2011	19.0	5.5	12.5	78,718	0	112,591	276,358	28,477
1993	13,822	2011	27.0	11.5	12.5	1,113	0	7,811	7,811	882
1994	1,958	2011	42.0	20.0	12.5	77	0	1,788	78	25
1995	1,752	2011	48.0	26.0	12.5	43	0	1,279	436	12
1996	1,551	2011	50.0	41.0	12.5	21	0	1,168	388	12
1997	918	2011	52.0	48.0	12.5	11	0	691	379	12
1998	1,274	2011	57.0	48.0	12.5	5	0	1,291	373	12
1999	1,643,975	2011	58.0	64.5	12.5	36,944	0	1,261,341	382,634	28,345
314 3	2,957,364		41.5	18.9	13.5	109,018	0	1,388,488	648,956	49,552
314 3	INTERIM NET SALVAGE X = 0									
ACCOUNT 314	2,331,925		39.4	18.3	13.5	127,247	-1,122	1,533,412	790,513	59,149
ACCOUNT 314	INTERIM NET SALVAGE X = 0									
ACCOUNT 315										
GROUP 1 0 To 20 Year Service Life										
1995	1,538	2011	16.0	5.5	12.5	615	0	240	1,298	26
1996	1,777	2011	20.0	6.0	12.5	183	-116	274	484	39
1997	1,453	2011	29.0	6.0	12.5	227	-277	194	1,038	69
1998	-143	2011	39.0	44.0	12.5	-3	21	-143	0	0
315 1	4,167		18.3	4.5	12.1	923	-391	1,327	2,820	234
315 1	INTERIM NET SALVAGE X = -9									
GROUP 2 21 To 35 Year Service Life										
1995	11,275	2011	21.0	0.0	12.1	9,188	0	29,081	31,893	2,348
1996	12,566	2011	22.0	0.0	12.1	9,188	0	29,081	31,893	2,348

GULF POWER COMPANY PRODUCTION PLANT FINANCIAL ANALYSIS (HANDSOME UNIT/UNIT) 1997 DEPRECIATION STUDY										14:12 Tuesday, April 15, 1997 60
VIN	BALANCE 12/97	NET	AGE	AGE	AGE	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
315 2	64,342		22.2	6.7	13.5	7,417	0	25,190	39,152	2,900
315 2	INTERIM NET SALVAGE X = 0									
ACCOUNT 315	60,409		21.9	6.2	13.4	8,340	-391	26,517	41,972	5,134
ACCOUNT 315	INTERIM NET SALVAGE X = -1									
UNIT 1	7,406,120		26.5	15.7	12.9	470,302	-75,446	4,475,360	2,730,752	203,140
UNIT 1	INTERIM NET SALVAGE X = -1									
LOCATION NUMBER = 1111 UNIT = 2										
SCHULTZ STEAM PLANT UNIT 2										
ACCOUNT 312										
GROUP 1 0 To 20 Year Service Life										
1996	51,414	2011	16.0	2.5	13.5	20,044	0	8,033	43,381	3,213
1993	8,342	1993	20.0	4.5	0.0	192	-1,281	8,342	0	0
312 1	59,956		16.5	2.9	13.5	20,750	-1,281	16,575	43,381	3,213
312 1	INTERIM NET SALVAGE X = -2									
GROUP 2 21 To 35 Year Service Life										
1996	44,875	2011	17.0	5.5	13.5	18,334	0	13,307	51,510	3,216
1993	220,454	1993	20.0	4.5	0.0	7,417	0	24,091	17,416	0
1991	0,000	1991	20.0	4.5	0.0	0	0	0	0	0
1989	40,000	1989	20.0	4.5	0.0	0	0	0	0	0
1987	107,103	1987	20.0	4.5	0.0	0	0	0	0	0
1985	177,000	1985	20.0	4.5	0.0	0	0	0	0	0
1983	177,000	1983	20.0	4.5	0.0	0	0	0	0	0
1981	177,000	1981	20.0	4.5	0.0	0	0	0	0	0
1979	177,000	1979	20.0	4.5	0.0	0	0	0	0	0
1977	177,000	1977	20.0	4.5	0.0	0	0	0	0	0
1975	177,000	1975	20.0	4.5	0.0	0	0	0	0	0
1973	177,000	1973	20.0	4.5	0.0	0	0	0	0	0
1971	177,000	1971	20.0	4.5	0.0	0	0	0	0	0
1969	177,000	1969	20.0	4.5	0.0	0	0	0	0	0
1967	177,000	1967	20.0	4.5	0.0	0	0	0	0	0
1965	177,000	1965	20.0	4.5	0.0	0	0	0	0	0
1963	177,000	1963	20.0	4.5	0.0	0	0	0	0	0
1961	177,000	1961	20.0	4.5	0.0	0	0	0	0	0
1959	177,000	1959	20.0	4.5	0.0	0	0	0	0	0
1957	177,000	1957	20.0	4.5	0.0	0	0	0	0	0
1955	177,000	1955	20.0	4.5	0.0	0	0	0	0	0
1953	177,000	1953	20.0	4.5	0.0	0	0	0	0	0
1951	177,000	1951	20.0	4.5	0.0	0	0	0	0	0
1949	177,000	1949	20.0	4.5	0.0	0	0	0	0	0
1947	177,000	1947	20.0	4.5	0.0	0	0	0	0	0
1945	177,000	1945	20.0	4.5	0.0	0	0	0	0	0
1943	177,000	1943	20.0	4.5	0.0	0	0	0	0	0
1941	177,000	1941	20.0	4.5	0.0	0	0	0	0	0
1939	177,000	1939	20.0	4.5	0.0	0	0	0	0	0
1937	177,000	1937	20.0	4.5	0.0	0	0	0	0	0
1935	177,000	1935	20.0	4.5	0.0	0	0	0	0	0
1933	177,000	1933	20.0	4.5	0.0	0	0	0	0	0
1931	177,000	1931	20.0	4.5	0.0	0	0	0	0	0
1929	177,000	1929	20.0	4.5	0.0	0	0	0	0	0
1927	177,000	1927	20.0	4.5	0.0	0	0	0	0	0
1925	177,000	1925	20.0	4.5	0.0	0	0	0	0	0
1923	177,000	1923	20.0	4.5	0.0	0	0	0	0	0
1921	177,000	1921	20.0	4.5	0.0	0	0	0	0	0
1919	177,000	1919	20.0	4.5	0.0	0	0	0	0	0
1917	177,000	1917	20.0	4.5	0.0	0	0	0	0	0
1915	177,000	1915	20.0	4.5	0.0	0	0	0	0	0
1913	177,000	1913	20.0	4.5	0.0	0	0	0	0	0
1911	177,000	1911	20.0	4.5	0.0	0	0	0	0	0
1909	177,000	1909	20.0	4.5	0.0	0	0	0	0	0
1907	177,000	1907	20.0	4.5	0.0	0	0	0	0	0
1905	177,000	1905	20.0	4.5	0.0	0	0	0	0	0
1903	177,000	1903	20.0	4.5	0.0	0	0	0	0	0
1901	177,000	1901	20.0	4.5	0.0	0	0	0	0	0
1899	177,000	1899	20.0	4.5	0.0	0	0	0	0	0
1897	177,000	1897	20.0	4.5	0.0	0	0	0	0	0
1895	177,000	1895	20.0	4.5	0.0	0	0	0	0	0
1893	177,000	1893	20.0	4.5	0.0	0	0	0	0	0
1891	177,000	1891	20.0	4.5	0.0	0	0	0	0	0
1889	177,000	1889	20.0	4.5	0.0	0	0	0	0	0
1887	177,000	1887	20.0	4.5	0.0	0	0	0	0	0
1885	177,000	1885	20.0	4.5	0.0	0	0	0	0	0
1883	177,000	1883	20.0	4.5	0.0	0	0	0	0	0
1881	177,000	1881	20.0	4.5	0.0	0	0	0	0	0
1879	177,000	1879	20.0	4.5	0.0	0	0	0	0	0
1877	177,000	1877	20.0	4.5	0.0	0	0	0	0	0
1875	177,000	1875	20.0	4.5	0.0	0	0	0	0	0
1873	177,000	1873	20.0	4.5	0.0	0	0	0	0	0
1871	177,000	1871	20.0	4.5	0.0	0	0	0	0	0
1869	177,000	1869	20.0	4.5	0.0	0	0	0	0	0
1867	177,000	1867	20.0	4.5	0.0	0	0	0	0	0
1865	177,000	1865	20.0	4.5	0.0	0	0	0	0	0
1863	177,000	1863	20.0	4.5	0.0	0	0	0	0	0
1861	177,000	1861	20.0	4.5	0.0	0	0	0	0	0
1859	177,000	1859	20.0	4.5	0.0	0	0	0	0	0
1857	177,000	1857	20.0	4.5	0.0	0	0	0	0	0
1855	177,000	1855	20.0	4.5	0.0	0	0	0	0	0
1853	177,000	1853	20.0	4.5	0.0	0	0	0	0	0
1851	177,000	1851	20.0	4.5	0.0	0	0	0	0	0
1849	177,000	1849	20.0	4.5	0.0	0	0	0	0	0
1847	177,000	1847	20.0	4.5	0.0	0	0	0	0	0
1845	177,000	1845	20.0	4.5	0.0	0	0	0	0	0
1843	177,000	1843	20.0	4.5	0.0	0	0	0	0	0
1841	177,000	1841	20.0	4.5	0.0	0	0	0	0	0
1839	177,000	1839	20.0	4.5	0.0	0	0	0	0	0
1837	177,000	1837	20.0	4.5	0.0	0	0	0	0	0
1835	177,000	1835	20.0	4.5	0.0	0	0	0	0	0
1833	177,000	1833	20.0	4.5	0.0	0	0	0	0	0
1831	177,000	1831	20.0	4.5	0.0	0	0	0	0	0
1829	177,000	1829	20.0	4.5	0.0	0	0	0	0	0
1827	177,000	1827	20.0	4.5	0.0	0	0	0	0	0
1825	177,000	1825	20.0	4.5	0.0	0	0	0	0	0
1823	177,000	1823	20.0	4.5	0.0	0	0	0	0	0
1821	177,000	1821	20.0	4.5	0.0	0	0	0	0	0
1819	177,000	1819	20.0	4.5	0.0	0	0	0	0	0
1817	177,000	1817	20.0	4.5	0.0	0	0	0	0	0
1815	177,000	1815	20.0	4.5	0.0	0	0	0	0	0
1813	177,000	1813	20.0	4.5	0.0	0	0	0	0	0
1811	177,000	1811	20.0	4.5	0.0	0	0	0	0	0
1809	177,000	1809	20.0	4.5	0.0	0	0	0	0	0
1807	177,000	1807	20.0	4.5	0.0	0	0	0	0	0
1805	177,000	1805	20.0	4.5	0.0	0	0	0	0	0
1803	177,000	1803	20.0	4.5	0.0	0	0	0	0	0
1801	177,000	1801	20.0	4.5	0.0	0	0	0	0	0
1799	177,000	1799	20.0	4.5	0.0	0	0	0	0	0
1797	177,000	1797	20.0	4.5	0.0	0	0	0	0	0
1795	177,000	1795	20.0	4.5	0.0	0	0	0	0	0
1793	177,000	1793	20.0	4.5	0.0	0	0	0	0	0
1791	177,000	1791	20.0	4.5	0.0	0	0	0	0	0
1789	177,000	1789	20.0	4.5	0.0	0	0	0	0	0
1787	177,000	1787	20.0	4.5	0.0	0	0	0	0	0
1785	177,000	1785	20.0	4.5	0.0	0	0	0	0	0
1783	177,000	1783	20.0	4.5	0.0	0	0	0	0	0
1781	177,000	1781	20.0	4.5	0.0	0	0	0	0	0
1779	177,000	1779	20.0	4.5	0.0	0	0	0	0	0
1777	177,000	1777	20.0	4.5	0.0	0	0	0	0	0
1775	177,000	1775	20.0	4.5	0.0	0	0	0	0	0
1773	177,000	1773	20.0	4.5	0.0	0	0	0	0	0
1771	177,000	1771	20.0	4.5	0.0	0	0	0	0	0
1769	177,000	1769	20.0	4.5	0.0	0	0	0	0	0
1767	177,000	1767	20.0	4.5	0.0	0	0	0	0	0
1765	177,000	1765	20.0	4.5	0.0	0	0	0	0	0
1763	177,000	1763	20.0	4.5	0.0	0	0	0	0	0
1761	177,000	1761	20.0	4.5	0.0	0	0	0	0	0
1759	177,000	1759	20.0	4.5	0.0	0	0	0	0	0
1757	177,000	1757	20.0	4.5	0.0	0	0	0	0	0
1755	177,000	1755	20.0	4.5	0.0	0	0	0	0	0
1753	177,000	1753	20.0	4.5	0.0	0	0	0	0	0
1751	177,000	1751	20.0	4.5	0.0	0	0	0	0	0
1749	177,000	1749	20.0	4.5	0.0	0	0	0	0	0
1747	177,000	1747	20.0	4.5	0.0	0	0	0	0	0
1745	177,000	1745	20.0	4.5	0.0	0	0	0	0	0
1743	177,000	1743	20.0	4.5	0.0	0	0	0	0	0

GULF POWER COMPANY
 PRODUCTION PLANT
 FORECAST ANALYSIS
 (HARMONIC WEIGHTING)
 1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 61

	VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCURAL
	1988	84,488	2011	22.0	17.0	12.0	4,823	0	47,459	34,758	2,723
	1978	2,962	2011	22.0	17.0	12.0	132	0	1,739	1,212	90
	1977	64,962	2011	22.0	17.0	12.0	4,434	0	42,833	34,109	2,675
	1975	41,919	2011	22.0	17.0	12.0	3,863	-13,288	28,948	19,971	2,198
	1974	92,411	2011	22.0	17.0	12.0	5,932	-13,847	62,847	38,364	2,648
	1965	220	2011	22.0	17.0	12.0	1	0	436	33	13
	1962	7,748	2011	22.0	17.0	12.0	214	-1,141	7,811	0	0
	1961	15,812	2011	22.0	17.0	12.0	433	-1,572	15,812	0	0
	1955	534	2011	22.0	17.0	12.0	13	0	534	0	0
	1954	18	2011	22.0	17.0	12.0	0	-3	18	0	0
	1953	381,648	2011	22.0	17.0	12.0	4,778	-45,246	381,648	0	0
312 2		1,584,483		24.9	9.4	13.4	164,634	-69,116	843,866	711,337	53,188
312 2		INTERIM NET SALVAGE X = -4									
GROUP 3 36 To Retirement Date of Unit											
	1988	58,718	2011	22.0	8.0	12.0	4,987	0	22,483	36,237	2,449
	1987	67,488	2011	22.0	8.0	12.0	5,232	0	31,834	35,654	1,849
	1986	67,488	2011	22.0	8.0	12.0	5,232	0	31,834	35,654	1,849
	1985	75,188	2011	22.0	8.0	12.0	5,232	0	31,834	35,654	1,849
	1974	1,155,762	2011	22.0	8.0	12.0	49,189	0	735,735	421,027	31,823
	1965	1,839	2011	22.0	8.0	12.0	139	0	772	1,067	10
	1964	1,839	2011	22.0	8.0	12.0	139	0	772	1,067	10
	1953	1,345,793	2011	22.0	8.0	12.0	29,344	0	1,081,858	363,935	22,514
312 3		2,735,481		43.0	27.4	13.5	99,691	0	1,876,542	858,859	63,519
312 3		INTERIM NET SALVAGE X = 0									
ACCOUNT 312		4,349,768		33.5	18.3	13.4	285,883	-78,397	2,736,183	1,613,577	128,028
ACCOUNT 312		INTERIM NET SALVAGE X = -2									
ACCOUNT 314											

GULF POWER COMPANY
 PRODUCTION PLANT
 FORECAST ANALYSIS
 (HARMONIC WEIGHTING)
 1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 62

	VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCURAL
GROUP 1 0 To 20 Year Service Life											
	1984	1,877	1984	20.0	13.5	6.0	88	-162	727	358	54
	1983	3,263	1975	20.0	44.5	6.0	73	-489	3,263	0	0
314 1		4,348		20.0	28.4	6.5	153	-682	3,998	358	54
314 1		INTERIM NET SALVAGE X = -15									
GROUP 2 21 To 35 Year Service Life											
	1987	54,178	2011	20.0	10.5	12.5	5,168	0	23,782	30,396	2,287
	1986	164,283	2011	20.0	10.5	12.5	9,144	0	97,482	71,488	5,295
	1985	7,372	1988	20.0	44.5	6.0	164	-1,122	7,372	0	0
314 2		243,648		29.7	15.9	13.5	15,323	-1,228	135,992	107,676	7,975
314 2		INTERIM NET SALVAGE X = -1									
GROUP 3 36 To Retirement Date of Unit											
	1990	18,814	2011	20.0	7.5	12.5	2,469	0	6,412	11,982	882
	1984	9,841	2011	20.0	41.5	12.5	61	0	6,412	4,511	354
	1983	9,841	2011	20.0	41.5	12.5	61	0	6,412	4,511	354
	1982	9,841	2011	20.0	41.5	12.5	61	0	6,412	4,511	354
	1981	9,841	2011	20.0	41.5	12.5	61	0	6,412	4,511	354
	1980	1,546,484	2011	20.0	44.5	12.5	34,732	0	1,186,627	359,857	26,643
314 3		1,576,844		36.5	41.5	13.5	37,936	0	1,199,188	376,864	27,916
314 3		INTERIM NET SALVAGE X = 0									
ACCOUNT 314		1,824,868		50.2	34.1	13.5	53,416	-1,888	1,339,178	484,898	35,045
ACCOUNT 314		INTERIM NET SALVAGE X = 0									

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 63

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
ACCOUNT 315										
GROUP 1 0 To 20 Year Service Life										
1995	1,538	2011	16.0	2.5	12.5	615	0	240	1,298	96
1990	757	2010	20.0	11.0	12.5	4,815	-115	288	479	133
1986	53,972	2006	20.0	11.0	12.5	4,815	-7,961	30,516	22,554	2,654
1953	-163	1973	20.0	44.5	0.0	-4	24	-163	0	0
315 1	55,214		19.9	10.4	8.7	5,328	-8,051	30,681	24,333	2,788
315 1	INTERIM NET SALVAGE X = -15									
GROUP 2 21 To 35 Year Service Life										
1992	48,829	2011	19.0	5.5	13.5	7,367	0	11,729	28,791	2,133
1989	13,315	2011	22.0	8.5	13.5	1,866	0	8,164	8,171	685
315 2	53,835		19.7	6.0	13.5	8,933	0	16,673	36,962	2,738
315 2	INTERIM NET SALVAGE X = 0									
ACCOUNT 315	189,849		19.8	7.6	11.1	14,261	-8,051	47,754	61,295	5,526
ACCOUNT 315	INTERIM NET SALVAGE X = -7									
UNIT 2	6,282,869		38.9	17.8	12.6	352,758	-88,329	4,123,187	2,159,762	161,491
UNIT 2	INTERIM NET SALVAGE X = -1									
LOCATION 1111	29,168,872		37.7	16.7	11.6	1,749,988	-719,722	19,882,174	10,166,698	775,841
1111	INTERIM NET SALVAGE X = -2									

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 64

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
LOCATION NUMBER = 1121 SHITH STEAM PLANT CORDON UNIT = 0										
ACCOUNT 311										
GROUP 5 Through Retirement Date of Unit										
1997	2,215,888	2017	29.0	8.5	19.5	1,187,888	0	88,878	2,127,010	119,758
1996	1,568,282	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1995	2,478,951	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1994	818,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1993	1,719,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1992	1,719,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1991	1,719,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1990	1,719,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1989	1,719,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1988	1,719,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1987	1,719,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1986	1,719,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1985	1,719,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1984	1,719,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1983	1,719,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1982	1,719,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1981	1,719,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1980	1,719,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1979	2,444,888	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1978	2,444,888	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1977	1,188,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1976	1,188,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1975	1,188,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1974	1,188,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1973	1,188,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1972	1,188,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1971	1,188,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1970	1,188,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1969	1,188,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1968	1,188,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1967	1,188,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
1966	1,188,919	2017	22.0	0.0	19.5	1,187,888	0	88,878	2,127,010	119,758
311 3	26,985,377		30.5	5.7	19.5	4,768,897	0	9,715,193	17,190,184	881,548
311 3	INTERIM NET SALVAGE X = 0									
ACCOUNT 311	26,985,377		30.5	5.7	19.5	4,768,897	0	9,715,193	17,190,184	881,548

	VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE	WEIGHT	INTERIM	SAL	CALC. RESERVE	UNRECOVERED	ACCURAL													
ACCOUNT 311	INTERIM NET SALVAGE Z = 0																									
ACCOUNT 312																										
GROUP 1 0 To 20 Year Service Life																										
	1998	47,544	2015	20.0	2.0	17.5		19,027	-7,135	5,944		41,422	2,378													
	1995	3,219	2014	20.0	2.0	16.5		11,920	-7,421	11,432		30,925	2,368													
	1993	50,487	2013	20.0	4.0	15.5		11,920	-7,421	11,432		30,925	2,368													
	1991	894	2011	20.0	6.0	13.5		167	-143	7,310		12,712	1,017													
	1989	23,339	2010	20.0	8.0	11.5		21,538	-14,923	118,730		107,423	11,108													
	1987	70,545	2009	20.0	10.0	9.5		21,538	-14,923	118,730		107,423	11,108													
	1985	224,153	2007	20.0	12.0	7.5		8,668	-14,923	118,730		107,423	11,108													
	1983	97,815	2006	20.0	14.0	5.5		8,668	-14,923	118,730		107,423	11,108													
	1981	184,713	2005	20.0	16.0	3.5		8,668	-14,923	118,730		107,423	11,108													
	1979	84,511	2004	20.0	18.0	1.5		8,668	-14,923	118,730		107,423	11,108													
	1977	84,511	2003	20.0	20.0	0.0		8,668	-14,923	118,730		107,423	11,108													
	1975	97,815	2002	20.0	22.0	0.0		8,668	-14,923	118,730		107,423	11,108													
	1973	2,613	2001	20.0	24.0	0.0		111	-392	22,013		0	0													
	1971	23,339	2000	20.0	26.0	0.0		899	-392	22,013		0	0													
	1969	23,339	1999	20.0	28.0	0.0		899	-392	22,013		0	0													
	1967	23,339	1998	20.0	30.0	0.0		899	-392	22,013		0	0													
	1965	23,339	1997	20.0	32.0	0.0		899	-392	22,013		0	0													
312 1		1,872,780		20.0	15.2	9.1		141,471	-280,917	1,530,845		541,935	57,762													
312 1	INTERIM NET SALVAGE Z = -15																									
GROUP 2 21 To 35 Year Service Life																										
	1996	177,949	2017	21.0	1.5	19.5		110,633	0	12,711		165,230	8,474													
	1995	284,954	2017	21.0	1.5	19.5		82,782	0	21,018		183,932	9,407													
	1994	31,994	2017	21.0	1.5	19.5		0,161	0	4,469		27,525	1,190													
	1993	282,144	2017	21.0	1.5	19.5		62,704	0	32,906		249,250	11,791													
	1992	9,223	2017	21.0	1.5	19.5		17,499	0	21,170		78,829	3,829													
	1991	182,839	2017	21.0	1.5	19.5		14,549	0	1,143		181,688	8,791													
	1990	444,338	2017	21.0	1.5	19.5		24,884	0	30,198		414,154	19,991													
	1989	210,232	2017	21.0	1.5	19.5		24,884	0	30,198		414,154	19,991													
	1988	59,981	2017	21.0	1.5	19.5		24,884	0	30,198		414,154	19,991													
	1987	26,363	2017	21.0	1.5	19.5		24,884	0	30,198		414,154	19,991													
	1986	26,363	2017	21.0	1.5	19.5		24,884	0	30,198		414,154	19,991													
312 2		7,175,750		32.3	11.1	15.3		643,942	-600,880	3,778,967		3,396,783	222,121													
312 2	INTERIM NET SALVAGE Z = -11																									
GROUP 3 36 To Retirement Date of Unit																										
	1997	147,888	2017	36.0	0.0	19.5		73,400	0	3,437		143,325	7,350													
	1996	129,237	2017	36.0	0.0	19.5		64,100	0	2,937		126,300	6,164													
	1995	21,883	2017	36.0	0.0	19.5		18,900	0	8,123		10,777	528													
	1994	64,111	2017	36.0	0.0	19.5		18,900	0	10,943		43,168	2,076													
	1993	22,829	2017	36.0	0.0	19.5		18,900	0	6,121		36,728	1,744													
	1992	15,784	2017	36.0	0.0	19.5		12,100	0	3,437		23,681	1,140													
	1991	15,784	2017	36.0	0.0	19.5		12,100	0	3,437		23,681	1,140													
	1990	119,325	2017	36.0	0.0	19.5		7,400	0	4,437		111,918	5,471													
	1989	97,491	2017	36.0	0.0	19.5		5,400	0	4,437		92,054	4,037													
	1988	435,424	2017	36.0	0.0	19.5		21,200	0	22,100		413,324	19,823													
	1987	54,209	2017	36.0	0.0	19.5		2,211	0	10,100		52,000	2,199													
	1986	19,484	2017	36.0	0.0	19.5		2,211	0	10,100		17,273	833													
	1985	9,348	2017	36.0	0.0	19.5		2,211	0	10,100		7,137	340													
	1984	9,348	2017	36.0	0.0	19.5		2,211	0	10,100		7,137	340													
	1983	42,731	2017	36.0	0.0	19.5		2,211	0	10,100		40,520	1,611													
	1982	42,731	2017	36.0	0.0	19.5		2,211	0	10,100		40,520	1,611													
	1981	42,731	2017	36.0	0.0	19.5		2,211	0	10,100		40,520	1,611													
	1980	42,731	2017	36.0	0.0	19.5		2,211	0	10,100		40,520	1,611													
	1979	42,731	2017	36.0	0.0	19.5		2,211	0	10,100		40,520	1,611													
	1978	42,731	2017	36.0	0.0	19.5		2,211	0	10,100		40,520	1,611													
	1977	42,731	2017	36.0	0.0	19.5		2,211	0	10,100		40,520	1,611													
	1976	42,731	2017	36.0	0.0	19.5		2,211	0	10,100		40,520	1,611													
	1975	42,731	2017	36.0	0.0	19.5		2,211	0	10,100		40,520	1,611													
	1974	42,731	2017	36.0	0.0	19.5		2,211	0	10,100		40,520	1,611													
	1973	42,731	2017	36.0	0.0	19.5		2,211	0	10,100		40,520	1,611													
	1972	42,731	2017	36.0	0.0	19.5		2,211	0	10,100		40,520	1,611													
	1971	42,731	2017	36.0	0.0	19.5		2,211	0	10,100		40,520	1,611													
	1970	42,731	2017	36.0	0.0	19.5		2,211	0	10,100		40,520	1,611													
	1969	42,731	2017	36.0	0.0	19.5		2,211	0	10,100		40,520	1,611													
	1968	42,731	2017	36.0	0.0	19.5		2,211	0	10,100		40,520	1,611													
	1967	42,731	2017	36.0	0.0	19.5		2,211	0	10,100		40,520	1,611													
	1966	42,731	2017	36.0	0.0	19.5		2,211	0	10,100		40,520	1,611													
	1965	42,731	2017	36.0	0.0	19.5		2,211	0	10,100		40,520	1,611													
312 3		2,443,686		37.7	8.8	19.5		280,768	0	1,197,858		1,285,748	65,937													
312 3	INTERIM NET SALVAGE Z = 0																									

GULF POWER COMPANY
 PRODUCTION PLANT
 FORECAST ANALYSIS
 (HARMONIC WEIGHTED)
 1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 66

	VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE	WEIGHT	INTERIM	SAL	CALC. RESERVE	UNRECOVERED	ACCURAL
	1984	28,423	2017	33.0	13.5	19.5		2,185	0		11,428	16,795	861
	1983	33,837	2017	34.0	14.5	19.5		3,254	0		12,469	20,937	1,020
	1982	52,888	2017	35.0	15.5	19.5		5,487	0		21,286	29,422	1,499
	1981	6,444	2014	32.0	16.5	18.5		683	-997		1,132	5,312	190
	1980	343,936	2015	35.0	17.5	17.5		19,653	-51,590		171,946	171,946	9,427
	1979	184,787	2014	35.0	18.5	16.5		8,884	-18,786		25,345	49,562	2,799
	1978	28,143	2013	32.0	19.5	15.5		1,238	-3,421		13,451	18,692	690
	1977	4,261,331	2012	32.0	20.5	14.5		206,923	-636,790		2,484,540	1,757,371	121,190
	1976	729	2008	32.0	21.5	11.5		31	-199		369	249	21
	1975	729	2008	32.0	22.5	11.5		31	-78		369	249	21
	1971	7,981	2006	32.0	23.5	8.5		328	-1		4,019	1,931	227
	1970	171,738	2005	32.0	24.5	7.5		4,248	-25,793		134,019	2,981	4,227
	1967	49,577	2002	32.0	26.5	4.5		1,819	-27,487		43,879	2,948	1,211
	1965	440,857	2000	32.0	27.5	2.5		13,845	-66,129		409,347	31,490	12,596
312 2		7,175,750		32.3	11.1	15.3		643,942	-600,880		3,778,967	3,396,783	222,121
312 2	INTERIM NET SALVAGE Z = -11												
GROUP 3	36 To Retirement Date of Unit												
	1997	147,888	2017	36.0	0.0	19.5		73,400	0		3,437	143,325	7,350
	1996	129,237	2017	36.0	0.0	19.5		64,100	0		2,937	126,300	6,164
	1995	21,883	2017	36.0	0.0	19.5		18,900	0		8,123	10,777	528
	1994	64,111	2017	36.0	0.0	19.5		18,900	0		10,943	43,168	2,076
	1993	22,829	2017	36.0	0.0	19.5		12,100	0		6,121	36,728	1,744
	1992	15,784	2017	36.0	0.0	19.5		12,100	0		3,437	23,681	1,140
	1991	15,784	2017	36.0	0.0	19.5		12,100	0		3,437	23,681	1,140
	1990	119,325	2017	36.0	0.0	19.5		7,400	0		4,437	111,918	5,471
	1989	97,491	2017	36.0	0.0	19.5		5,400	0		4,437	92,054	4,037
	1988	435,424	2017	36.0	0.0	19.5		21,200	0		22,100	413,324	19,823
	1987	54,209	2017	36.0	0.0	19.5		2,211	0		10,100	52,000	2,199
	1986	19,484	2017	36.0	0.0	19.5		2,211	0		10,100	17,273	833
	1985	9,348	2017	36.0	0.0	19.5		2,211	0		10,100	7,137	340
	1984	9,348	2017	36.0	0.0	19.5		2,211	0		10,100	7,137	340
	1983	42,731	2017	36.0	0.0	19.5		2,211	0		10,100	40,520	1,611
	1982	42,731	2017	36.0	0.0	19.5		2,211	0		10,100	40,520	1,611
	1981	42,731	2017	36.0	0.0	19.5		2,211	0		10,100	40,520	1,611
	1980	42,731	2017	36.0	0.0	19.5		2,211	0		10,100	40,520	1,611
	1979	42,731	2017	36.0	0.0	19.5		2,211	0		10,100	40,520	1,611
	1978	42,731	2017	36.0	0.0	19.5		2,211	0		10,100	40,520	1,611
	1977	42,731	2017	36.0	0.0	19.5		2,211	0		10,100	40,520	1,611
	1976	42,731	2017	36.0	0.0	19.5		2,211	0		10,100	40,520	1,611
	1975	42,731	2017	36.0	0.0	19.5		2,211	0		10,100	40,520	1,611
	1974	42,731	2017	36.0	0.0	19.5		2,211	0		10,100	40,520	1,611
	1973	42,731	2017	36.0	0.0	19.5		2,211	0		10,100	40,520	1,611
	1972	42,731	2017	36.0	0.0	19.5		2,211	0		10,100	40,520	1,611
	1971	42,731	2017	36.0	0.0	19.5		2,211	0		10,100	40,520	1,611
	1970	42,731	2017	36.0	0.0	19.5		2,211	0		10,100	40,520	1,611
	1967	42,731	2017	36.0	0.0	19.5		2,211	0		10,100	40,520	1,611
	1966	42,731	2017	36.0	0.0	19.5		2,211	0		10,100	40,520	1,611
	1965	1,005,651	2017	36.0	0.0	19.5		30,943	0		628,532	377,119	19,339
312 3		2,483,606		37.7	0.0	19.5		288,760	0		1,197,658	1,285,748	65,937
312 3	INTERIM NET SALVAGE Z = 0												

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
ACCOUNT 312	11,832,136		30.2	10.8	15.4	1,066,181	-1,089,797	6,507,670	5,024,466	325,820
ACCOUNT 312	INTERIM NET SALVAGE Z = -9									
ACCOUNT 314										
GROUP 1	0 To 20 Year Service Life									
1993	25,380	2013	20.0	4.5	15.5	5,418	-3,657	5,486	10,896	1,219
1983	43,823	2003	20.0	14.5	5.5	3,888	-6,543	31,827	11,996	2,181
314 1	68,883		20.0	8.1	9.1	8,426	-10,200	37,113	30,890	3,400
314 1	INTERIM NET SALVAGE Z = -15									
GROUP 2	21 To 35 Year Service Life									
1989	6,649	2017	20.0	8.5	19.5	785	0	2,925	4,444	236
1988	85,946	2017	20.0	0.0	0.0	8,426	0	27,647	29,117	4,791
1987	99,946	2017	20.0	0.0	0.0	9,452	0	34,737	34,737	4,791
1986	888,434	2017	20.0	0.0	0.0	45,825	0	343,532	525,182	26,928
1985	11,644	2017	20.0	0.0	0.0	1,968	0	6,346	8,314	454
1980	11,644	2015	20.0	0.0	0.0	85	-224	5,748	7,672	43
1979	11,644	2014	20.0	0.0	0.0	85	-1,224	5,748	5,282	329
1978	58,944	2013	20.0	0.0	0.0	1,797	-3,224	19,522	15,311	1,081
1975	8	2008	20.0	0.0	0.0	0	-1	0	0	0
1972	5,335	2007	20.0	0.0	0.0	139	-830	2,576	999	101
1967	2,172	2002	20.0	0.0	0.0	71	-326	1,893	279	62
1965	86,379	2000	20.0	0.0	0.0	2,650	-12,957	80,209	6,179	2,468
314 2	1,233,673		32.6	13.5	18.2	91,309	-20,975	545,224	688,449	37,814
314 2	INTERIM NET SALVAGE Z = -2									
GROUP 3	36 To Retirement Date of Unit									
1983	16,986	2017	34.0	14.5	19.5	1,171	0	7,244	9,742	580

GULF POWER COMPANY
 PRODUCTION PLANT
 FORECAST ANALYSIS
 (HARMONIC WEIGHTED)
 1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 68

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
1982	8,479	2017	35.0	15.5	19.5	547	0	3,735	4,726	242
1981	38,277	2017	35.0	12.5	19.5	1,120	0	13,886	16,411	842
1980	2,426	2017	37.0	17.0	19.5	271	0	1,813	2,916	201
1979	1,819	2017	35.0	15.0	19.5	271	0	1,813	2,976	201
1978	31,272	2017	39.0	19.0	19.5	1,644	0	11,634	15,434	882
1977	0,822	2017	40.0	20.0	19.5	294	0	3,386	2,934	181
1972	682	2017	45.0	25.0	19.5	19	0	2,173	239	11
1967	126,818	2017	38.0	38.0	19.5	4,088	0	75,444	48,364	2,480
1965	730,814	2017	32.0	32.0	19.5	22,487	0	454,759	274,855	14,834
314 3	948,887		49.5	29.4	19.5	32,719	0	582,240	370,567	19,415
314 3	INTERIM NET SALVAGE Z = 0									
ACCOUNT 314	2,262,483		37.3	17.1	18.1	132,484	-31,176	1,164,577	1,097,906	60,629
ACCOUNT 314	INTERIM NET SALVAGE Z = -1									
ACCOUNT 315										
GROUP 1 0 To 20 Year Service Life										
1995	168,848	2015	20.0	2.5	17.5	64,344	-24,129	28,188	168,752	8,043
1992	13,918	2012	20.0	0.0	14.0	2,129	-2,887	5,825	10,885	626
1989	1,545	2009	20.0	8.5	11.0	112	-121	657	888	77
1988	58,828	2008	20.0	9.0	10.0	1,120	-7,184	23,763	28,265	2,801
1987	138,854	2007	20.0	14.0	10.0	5,120	-19,844	48,376	61,774	6,823
1986	21,832	2006	20.0	13.0	10.0	1,120	-5,221	14,727	7,095	1,092
1982	684	2002	20.0	6.0	6.0	31	-75	175	122	24
1981	11,238	2001	20.0	12.0	6.0	681	-1,685	9,348	1,965	541
1980	713	2000	20.0	17.0	6.0	41	-187	4,420	89	36
1979	4,778	1999	20.0	18.0	1.0	228	-717	4,420	358	239
1978	17,349	1998	20.0	19.0	0.0	8,122	-26,445	17,930	74	76
1977	17,349	1997	20.0	20.0	0.0	8,122	-26,445	17,930	0	0
1972	41,901	1992	20.0	22.0	0.0	1,715	-4,180	2,081	0	0
1970	28,848	1990	20.0	22.0	0.0	1,715	-4,180	2,081	0	0
1972	1,149	1992	20.0	22.0	0.0	1,715	-4,180	2,081	0	0
1970	1,149	1990	20.0	22.0	0.0	176	-3,719	2,081	0	0
1965	15,848	1985	20.0	32.0	0.0	463	-2,356	1,040	0	0

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 69

	VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
315 1		667,633		28.0	6.7	12.6	99,085	-189,145	418,179	249,454	19,846
315 1		INTERIM NET SALVAGE Z = -15									
GROUP 2 21 To 35 Year Service Life											
	1995	163,388	2017	22.0	2.6	19.5	65,320	0	18,557	144,763	7,423
	1992	19,505	2017	22.0	9.2	19.5	3,544	0	4,291	15,214	750
	1991	476,868	2017	22.0	9.2	19.5	73,544	0	119,217	357,651	18,361
	1990	6,844	2017	22.0	9.2	19.5	8,547	0	10,188	66,649	2,971
	1989	34,719	2017	22.0	9.2	19.5	11,288	0	16,353	69,849	3,249
	1987	34,719	2017	22.0	9.2	19.5	11,288	0	16,353	69,849	3,249
	1986	34,719	2017	22.0	9.2	19.5	11,288	0	16,353	69,849	3,249
	1985	26,173	2017	22.0	9.2	19.5	11,288	0	16,353	69,849	3,249
	1984	9,798	2017	22.0	9.2	19.5	11,288	0	16,353	69,849	3,249
	1982	6,917	2017	22.0	9.2	19.5	11,288	0	16,353	69,849	3,249
	1979	299,105	2014	22.0	15.6	16.6	16,168	-44,846	158,998	141,887	8,444
	1978	5,888	2014	22.0	15.6	16.6	261	-743	158,998	141,887	8,444
	1977	881,849	2013	22.0	14.4	15.4	43,617	-132,277	516,812	348,532	25,196
	1976	2,868	2013	22.0	14.4	15.4	88	-349	516,812	348,532	25,196
	1975	2,868	2013	22.0	14.4	15.4	88	-349	516,812	348,532	25,196
	1974	-24,782	2013	22.0	14.4	15.4	-878	-3,981	516,812	348,532	25,196
	1973	-14,636	2013	22.0	14.4	15.4	-450	-2,195	516,812	348,532	25,196
315 2		2,103,247		30.3	9.1	17.2	230,787	-175,903	888,527	1,214,720	78,581
315 2		INTERIM NET SALVAGE Z = -8									
GROUP 3 36 To Retirement Date of Unit											
	1987	50,978	2017	30.0	18.5	19.5	2,950	0	10,840	28,130	1,432
	1982	23	2017	30.0	18.5	19.5	1	0	10	1	1
	1979	4,399	2017	30.0	18.5	19.5	237	0	2,137	2,233	116
	1978	3,267	2017	30.0	18.5	19.5	160	0	1,434	97,433	60
	1977	199,643	2017	30.0	18.5	19.5	9,789	0	18,810	97,433	60
	1976	683,881	2017	30.0	18.5	19.5	38,832	0	34,719	319,276	16,168
	1975	1,991	2017	30.0	18.5	19.5	72	0	1,168	826	42
315 3		982,569		40.3	20.5	19.5	43,969	0	448,486	457,163	22,419
315 3		INTERIM NET SALVAGE Z = 0									

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 70

	VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
ACCOUNT 315		3,673,449		29.3	9.8	16.8	376,481	-276,048	1,772,112	1,901,337	112,846
ACCOUNT 315		INTERIM NET SALVAGE Z = -8									
ACCOUNT 316											
GROUP 1 0 To 20 Year Service Life											
	1995	2,330	2015	20.0			926	-351		2,847	117
	1994	4,275	2014	20.0			1,227	-541		2,527	114
	1993	24,878	2013	20.0			3,424	-1,541		18,213	1,214
	1992	216,643	2012	20.0			39,424	-12,526	59,949	187,917	10,023
	1991	6,514	2011	20.0			1,818	-742	2,560	4,052	161
	1990	7,849	2010	20.0			1,049	-1,182	2,231	4,411	174
	1989	4,835	2009	20.0			51	-65	1,176	2,327	92
	1987	32,159	2007	20.0			3,424	-1,541	16,613	28,654	1,141
	1986	1,159	2006	20.0			3,424	-1,541	16,613	15,462	1,187
	1985	61,990	2005	20.0			4,827	-3,424	61,613	19,189	1,297
	1982	36,612	2002	20.0			2,988	-2,111	27,500	25,389	2,111
	1981	13,430	2001	20.0			818	-613	12,817	12,204	613
	1980	54	2000	20.0			114	-80	11,707	11,627	80
	1979	31,748	1999	20.0			1,714	-4,761	29,346	2,388	1,587
	1972	115	1992	20.0			49	-17	1,582	0	0
	1965	1,582	1965	20.0			49	-237	1,582	0	0
316 1		439,878		20.0	7.1	10.9	61,646	-65,980	288,224	239,644	21,987
316 1		INTERIM NET SALVAGE Z = -15									
GROUP 2 21 To 35 Year Service Life											
	1996	48,789	2017	21.0			32,826	0	3,485	45,344	2,322
	1994	27,878	2017	21.0			1,823	0	1,927	26,955	1,022
	1992	7,719	2017	21.0			4,827	0	5,146	22,872	822
	1991	26,177	2017	21.0			2,988	0	3,186	23,191	859
	1990	48,789	2017	21.0			4,827	0	5,146	22,872	822
	1989	48,789	2017	21.0			4,827	0	5,146	22,872	822
	1987	17,375	2017	21.0			1,474	0	1,577	15,901	627
	1986	5,167	2017	21.0			449	0	477	4,688	177
	1985	84	2017	21.0			75	0	80	75	29
	1984	1,819	2017	21.0			41	0	43	1,778	67
	1983	595	2017	21.0			41	0	43	1,778	67

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE	WEIGHT	INTERIM	SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
1982	30,035	2017	25.0	15.0	19.0	1	1,738	0	13,201	16,734	880	
1981	14,725	2016	25.0	15.0	19.0	0	875	-2,089	6,943	7,785	421	
1980	1,000	2015	25.0	15.0	19.0	0	47	-122	6,821	487	23	
1979	1,000	2014	25.0	15.0	19.0	0	9	-22	6,799	825	50	
1978	100	2013	25.0	15.0	19.0	0	9	-22	6,777	80	5	
1977	5,434	2012	25.0	15.0	19.0	0	275	-805	7,180	2,329	161	
1976	14,018	2011	25.0	15.0	19.0	0	793	-2,478	11,971	5,539	472	
1971	1,173	2006	25.0	15.0	19.0	0	44	-176	1,000	7,285	34	
1967	57,118	2002	25.0	15.0	19.0	0	1,738	-8,867	51,810	7,680	1,600	
1965	87,228	2000	25.0	15.0	19.0	0	2,684	-13,384	88,997	6,231	2,492	
316 2	432,285		29.3	6.5	14.5		66,827	-28,870	217,482	214,723	14,770	
316 2	INTERIM NET SALVAGE X = -6											
GROUP 3	36 To Retirement Date of Unit											
1997	45,000	2017	29.0	9.5	19.5	22	500	0	1,125	43,875	2,250	
1965	-69,000	2017	29.0	32.5	19.5	-2	123	0	-69,000	0	0	
316 3	-24,000		-26	-1.2	19.5	20,377	0	-67,875	43,875	2,250		
316 3	INTERIM NET SALVAGE X = 0											
ACCOUNT 316	840,875		22.5	5.7	12.8	140,870	-94,851	349,631	498,244	38,927		
ACCOUNT 316	INTERIM NET SALVAGE X = -11											
UNIT 0	45,221,520		31.9	7.0	17.3	6,482,083	-1,491,872	19,589,383	25,712,137	1,419,770		
UNIT 0	INTERIM NET SALVAGE X = -3											
LOCATION NUMBER = 1121 UNIT = 1												
SMITH STEAM PLANT UNIT 1												
ACCOUNT 312												
GROUP 1 0 To 20 Year Service Life												

SELF POWER COMPANY
 PRODUCTION PLANT
 FORECAST ANALYSIS
 (HARMONIC WEIGHTED)
 1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 72

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE	WEIGHT	INTERIM	SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
1994	510,491	2014	28.0	9.0	16.0	140	197	-77,080	90,771	427,920	25,935	
1993	2,000	2013	28.0	9.0	16.0	0	123	-22	1,000	1,000	124	
1992	2,000	2012	28.0	9.0	16.0	0	123	-22	1,000	1,000	124	
1991	2,000	2011	28.0	9.0	16.0	0	123	-22	1,000	1,000	124	
1990	2,000	2010	28.0	9.0	16.0	0	123	-22	1,000	1,000	124	
1989	2,000	2009	28.0	9.0	16.0	0	123	-22	1,000	1,000	124	
1988	2,000	2008	28.0	9.0	16.0	0	123	-22	1,000	1,000	124	
1987	2,000	2007	28.0	9.0	16.0	0	123	-22	1,000	1,000	124	
1986	2,000	2006	28.0	9.0	16.0	0	123	-22	1,000	1,000	124	
1985	2,000	2005	28.0	9.0	16.0	0	123	-22	1,000	1,000	124	
1984	2,000	2004	28.0	9.0	16.0	0	123	-22	1,000	1,000	124	
1983	2,000	2003	28.0	9.0	16.0	0	123	-22	1,000	1,000	124	
1982	2,000	2002	28.0	9.0	16.0	0	123	-22	1,000	1,000	124	
1981	2,000	2001	28.0	9.0	16.0	0	123	-22	1,000	1,000	124	
1980	2,000	2000	28.0	9.0	16.0	0	123	-22	1,000	1,000	124	
1979	2,000	1999	28.0	9.0	16.0	0	123	-22	1,000	1,000	124	
1978	2,000	1998	28.0	9.0	16.0	0	123	-22	1,000	1,000	124	
1977	2,000	1997	28.0	9.0	16.0	0	123	-22	1,000	1,000	124	
1976	2,000	1996	28.0	9.0	16.0	0	123	-22	1,000	1,000	124	
312 1	643,767		28.0	4.1	16.0	155,217	-96,562	196,264	447,483	27,936		
312 1	INTERIM NET SALVAGE X = -15											
GROUP 2	21 To 35 Year Service Life											
1995	63,035	2015	29.0	8.5	17.5	13	254	0	10,470	73,254	4,192	
1994	63,035	2014	29.0	8.5	17.5	13	254	0	10,470	73,254	4,192	
1993	63,035	2013	29.0	8.5	17.5	13	254	0	10,470	73,254	4,192	
1992	63,035	2012	29.0	8.5	17.5	13	254	0	10,470	73,254	4,192	
1991	63,035	2011	29.0	8.5	17.5	13	254	0	10,470	73,254	4,192	
1990	63,035	2010	29.0	8.5	17.5	13	254	0	10,470	73,254	4,192	
1989	63,035	2009	29.0	8.5	17.5	13	254	0	10,470	73,254	4,192	
1988	63,035	2008	29.0	8.5	17.5	13	254	0	10,470	73,254	4,192	
1987	63,035	2007	29.0	8.5	17.5	13	254	0	10,470	73,254	4,192	
1986	63,035	2006	29.0	8.5	17.5	13	254	0	10,470	73,254	4,192	
1985	63,035	2005	29.0	8.5	17.5	13	254	0	10,470	73,254	4,192	
1984	63,035	2004	29.0	8.5	17.5	13	254	0	10,470	73,254	4,192	
1983	63,035	2003	29.0	8.5	17.5	13	254	0	10,470	73,254	4,192	
1982	63,035	2002	29.0	8.5	17.5	13	254	0	10,470	73,254	4,192	
1981	63,035	2001	29.0	8.5	17.5	13	254	0	10,470	73,254	4,192	
1980	63,035	2000	29.0	8.5	17.5	13	254	0	10,470	73,254	4,192	
1979	63,035	1999	29.0	8.5	17.5	13	254	0	10,470	73,254	4,192	
1978	63,035	1998	29.0	8.5	17.5	13	254	0	10,470	73,254	4,192	
1977	63,035	1997	29.0	8.5	17.5	13	254	0	10,470	73,254	4,192	
1976	63,035	1996	29.0	8.5	17.5	13	254	0	10,470	73,254	4,192	
312 2	7,313,781		30.0	10.7	11.3	683,075	-695,573	4,849,774	2,764,007	243,841		
312 2	INTERIM NET SALVAGE X = -10											
GROUP 3	36 To Retirement Date of Unit											
1994	2,835,122	2015	23.0	8.0	17.0	610	035	0	472,520	2,362,602	135,006	
1993	2,835,122	2014	23.0	8.0	17.0	610	035	0	472,520	2,362,602	135,006	
1992	2,835,122	2013	23.0	8.0	17.0	610	035	0	472,520	2,362,602	135,006	
1991	2,835,122	2012	23.0	8.0	17.0	610	035	0	472,520	2,362,602	135,006	
1990	2,835,122	2011	23.0	8.0	17.0	610	035	0	472,520	2,362,602	135,006	
1989	2,835,122	2010	23.0	8.0	17.0	610	035	0	472,520	2,362,602	135,006	
1988	2,835,122	2009	23.0	8.0	17.0	610	035	0	472,520	2,362,602	135,006	
1987	2,835,122	2008	23.0	8.0	17.0	610	035	0	472,520	2,362,602	135,006	
1986	2,835,122	2007	23.0	8.0	17.0	610	035	0	472,520	2,362,602	135,006	
1985	2,835,122	2006	23.0	8.0	17.0	610	035	0	472,520	2,362,602	135,006	
1984	2,835,122	2005	23.0	8.0	17.0	610	035	0	472,520	2,362,602	135,006	
1983	2,835,122	2004	23.0	8.0	17.0	610	035	0	472,520	2,362,602	135,006	
1982	2,835,122	2003	23.0	8.0	17.0	610	035	0	472,520	2,362,602	135,006	
1981	2,835,122	2002	23.0	8.0	17.0	610	035	0	472,520	2,362,602	135,006	
1980	2,835,122	2001	23.0	8.0	17.0	610	035	0	472,520	2,362,602	135,006	
1979	2,835,122	2000	23.0	8.0	17.0	610	035	0	472,520	2,362,602	135,006	
1978	2,835,122	1999	23.0	8.0	17.0	610	035	0	472,520	2,362,602	135,006	
1977	2,835,122	1998	23.0	8.0	17.0	610	035	0	472,520	2,362,602	135,006	
1976	2,835,122	1997	23.0	8.0	17.0	610	035	0	472,520	2,362,602	135,006	

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 73

VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUMUL
312 3	9,838,148		32.2	8.8	17.5	1,112,764	0	4,494,454	5,137,692	385,812
312 3	INTERIM NET SALVAGE X = 0									
ACCOUNT 312	17,789,476		30.6	9.1	14.8	1,951,876	-792,135	9,240,494	8,549,182	576,791
ACCOUNT 312	INTERIM NET SALVAGE X = -4									
ACCOUNT 314										
GROUP 1	0 To 28 Year Service Life									
1965	48,214	1985	29.0	32.5	8.0	1,404	-7,232	48,214	0	0
314 1	48,214		29.0	32.5	.	1,404	-7,232	48,214	0	0
314 1	INTERIM NET SALVAGE X = -15									
GROUP 2	21 To 35 Year Service Life									
1989	325,953	2015	24.0	8.5	17.5	39,527	0	187,841	229,142	12,922
1991	245,154	2015	32.0	8.5	17.5	15,452	0	125,312	119,842	14,185
1995	499,727	2009	35.0	32.5	2.5	15,452	-73,459	494,746	54,981	13,492
314 2	1,348,858		30.4	14.0	12.8	98,048	-73,459	798,899	577,959	45,819
314 2	INTERIM NET SALVAGE X = -5									
GROUP 3	36 To Retirement Date of Unit									
1994	1,852,160	2015	21.0	3.5	17.5	388,617	0	175,340	876,889	50,183
1991	111	2015	22.0	8.5	17.5	17	0	17	81	1
1999	642,971	2015	22.0	8.5	17.5	85,729	0	187,841	459,099	29,719
1999	3,475,316	2015	22.0	8.5	17.5	432,155	0	1,248,871	2,477,134	141,181
1998	15,474	2015	31.0	8.5	17.5	1,427	0	8,847	9,111	121
1994	19,260	2015	31.0	13.0	17.5	1,427	0	8,847	10,413	621

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 74

VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUMUL
1977	181,840	2015	30.0	32.5	17.5	4,940	0	54,431	44,437	2,465
1946	3,148,951	2015	30.0	32.5	17.5	104,891	0	2,215,818	1,193,133	68,179
314 3	8,912,511		30.8	9.6	17.5	931,380	0	3,853,182	5,059,409	289,109
314 3	INTERIM NET SALVAGE X = 0									
ACCOUNT 314	10,329,563		30.7	10.0	16.9	1,836,832	-88,691	4,692,215	5,637,368	334,128
ACCOUNT 314	INTERIM NET SALVAGE X = -1									
ACCOUNT 315										
GROUP 1 0 To 20 Year Service Life										
1995	32,421	2015	29.0	8.5	17.5	13,948	0	4,878	28,543	1,431
1997	148,499	2015	32.0	8.5	17.5	42,489	-22,384	76,822	122,474	7,435
1987	27,842	2015	32.0	8.5	17.5	65	-4,194	18,240	313	33
1984	8,323	2015	32.0	8.5	17.5	2,771	-1,194	4,430	9,888	1,398
1982	4,777	2015	32.0	8.5	17.5	2,771	-1,194	4,430	1,488	415
1981	37,448	2015	32.0	8.5	17.5	2,143	-5,423	32,741	4,222	1,274
1980	4,485	2015	32.0	8.5	17.5	11	-1,889	4,878	138	229
1979	6,887	2015	32.0	8.5	17.5	11	-1,889	4,878	167	167
1978	227,423	2015	29.0	32.5	8.0	6,990	-34,113	227,423	0	0
315 1	499,349		28.0	7.3	12.6	60,824	-70,009	338,844	168,585	13,412
315 1	INTERIM NET SALVAGE X = -14									
GROUP 2 21 To 35 Year Service Life										
1989	75,182	2015	24.0	8.5	17.5	8,824	0	24,853	59,849	2,889
1994	22,972	2015	32.0	8.5	17.5	1,739	0	4,878	9,428	322
1990	22,772	2015	32.0	8.5	17.5	1,739	0	4,878	11,384	451
1977	349,451	2015	32.0	32.5	2.5	25,981	-124,322	799,637	149,855	9,799
1965	828,848	2015	32.0	32.5	2.5	25,981	-124,322	799,637	59,283	23,681

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 75

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUMUL	
315 2	1,886,836		34.5	24.1	7.2		55,435	-176,774	1,014,719	271,425	37,883
315 2	INTERIM NET SALVAGE Z = -14										
GROUP 3	36 To Retirement Date of Unit										
1989	1,782	2015	26.0	8.5	17.5		210	0	543	1,199	69
1988	4,925	2015	26.0	17.5	17.5		281	0	2,463	1,199	151
1985	393,690	2015	26.0	32.5	17.5		12,114	0	25,798	137,792	7,874
1964	2,370	2015	31.0	35.5	17.5		71	0	1,557	615	46
315 3	402,768		49.5	31.0	17.5		12,676	0	260,501	142,267	8,130
315 3	INTERIM NET SALVAGE Z = 0										
ACCOUNT 315	2,188,485		31.0	16.5	9.9		134,335	-244,783	1,406,060	502,395	59,875
ACCOUNT 315	INTERIM NET SALVAGE Z = -11										
UNIT 1	30,307,714		31.2	9.7	14.9		3,116,243	-1,119,609	15,830,769	14,768,945	905,994
UNIT 1	INTERIM NET SALVAGE Z = -4										
LOCATION NUMBER = 1121 UNIT = 2											
SMITH STEAM PLANT UNIT 2											
ACCOUNT 312											

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 76

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUMUL
1967	66,812	1987	20.0	30.5	0.0	2,191	-10,822	66,812	0	0
312 1	1,382,167		20.0	7.9	9.3	175,895	-207,325	769,067	613,100	65,768
312 1	INTERIM NET SALVAGE Z = -15									
GROUP 2 21 To 35 Year Service Life										
1996	69,498	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1995	2,853	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1994	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1993	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1992	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1991	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1990	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1989	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1988	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1987	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1986	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1985	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1984	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1983	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1982	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1981	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1980	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1979	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1978	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1977	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1976	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1975	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1974	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1973	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1972	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1971	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1970	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1969	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1968	1,234	2017	21.0	1.0	9.0	44,445	0	4,978	64,728	1,319
1967	3,286,493	2002	30.0	30.5	4.2	107,751	-492,961	2,843,847	422,538	93,897
312 2	10,471,745		30.0	9.0	14.9	1,157,622	-727,590	5,283,430	5,188,307	349,175
312 2	INTERIM NET SALVAGE Z = -7									
GROUP 3 36 To Retirement Date of Unit										
1995	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1994	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1993	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1992	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1991	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1990	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1989	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1988	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1987	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1986	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1985	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1984	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1983	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1982	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1981	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1980	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1979	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1978	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1977	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1976	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1975	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1974	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1973	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1972	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1971	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1970	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1969	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1968	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219
1967	781,240	2017	25.0	0.0	19.0	155,436	0	131,466	549,774	29,219

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 78

	VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUMUL
	1967	4,468,622	2017	50.0	30.5	19.5	146,512	0	2,725,859	1,742,763	89,372
314 3		6,887,875		38.4	13.2	19.5	514,237	0	3,347,504	3,460,371	177,454
314 3		INTERIM NET SALVAGE Z = 0									
ACCOUNT 314		7,734,908		37.5	13.9	18.1	556,536	-111,291	4,045,519	3,469,389	283,232
ACCOUNT 314		INTERIM NET SALVAGE Z = -1									

ACCOUNT 315

GROUP 1 0 To 20 Year Service Life

1995	2,951	2015	20.0	7.2	13.8	3,828	-368	39,256	1,795	185
1996	176,951	2016	20.0	7.2	13.8	39,118	-26,457	39,118	154,196	0
1997	27,951	2017	20.0	7.2	13.8	2,951	-977	1,795	4,951	1,185
1998	27,951	2018	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
1999	27,951	2019	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2000	27,951	2020	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2001	27,951	2021	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2002	27,951	2022	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2003	27,951	2023	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2004	27,951	2024	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2005	27,951	2025	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2006	27,951	2026	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2007	27,951	2027	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2008	27,951	2028	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2009	27,951	2029	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2010	27,951	2030	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2011	27,951	2031	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2012	27,951	2032	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2013	27,951	2033	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2014	27,951	2034	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2015	27,951	2035	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2016	27,951	2036	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2017	27,951	2037	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2018	27,951	2038	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2019	27,951	2039	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2020	27,951	2040	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2021	27,951	2041	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2022	27,951	2042	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2023	27,951	2043	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2024	27,951	2044	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2025	27,951	2045	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2026	27,951	2046	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2027	27,951	2047	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2028	27,951	2048	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2029	27,951	2049	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2030	27,951	2050	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2031	27,951	2051	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2032	27,951	2052	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2033	27,951	2053	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2034	27,951	2054	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2035	27,951	2055	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2036	27,951	2056	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2037	27,951	2057	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2038	27,951	2058	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2039	27,951	2059	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2040	27,951	2060	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2041	27,951	2061	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2042	27,951	2062	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2043	27,951	2063	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2044	27,951	2064	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2045	27,951	2065	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2046	27,951	2066	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2047	27,951	2067	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2048	27,951	2068	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2049	27,951	2069	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2050	27,951	2070	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2051	27,951	2071	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2052	27,951	2072	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2053	27,951	2073	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2054	27,951	2074	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2055	27,951	2075	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2056	27,951	2076	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2057	27,951	2077	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2058	27,951	2078	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2059	27,951	2079	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2060	27,951	2080	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2061	27,951	2081	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2062	27,951	2082	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2063	27,951	2083	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2064	27,951	2084	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2065	27,951	2085	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2066	27,951	2086	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2067	27,951	2087	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2068	27,951	2088	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2069	27,951	2089	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2070	27,951	2090	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2071	27,951	2091	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2072	27,951	2092	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2073	27,951	2093	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2074	27,951	2094	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2075	27,951	2095	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2076	27,951	2096	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2077	27,951	2097	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2078	27,951	2098	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2079	27,951	2099	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2080	27,951	2100	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2081	27,951	2101	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2082	27,951	2102	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2083	27,951	2103	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2084	27,951	2104	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2085	27,951	2105	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2086	27,951	2106	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2087	27,951	2107	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2088	27,951	2108	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2089	27,951	2109	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2090	27,951	2110	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2091	27,951	2111	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2092	27,951	2112	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2093	27,951	2113	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2094	27,951	2114	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2095	27,951	2115	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2096	27,951	2116	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2097	27,951	2117	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2098	27,951	2118	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2099	27,951	2119	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2100	27,951	2120	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2101	27,951	2121	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2102	27,951	2122	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2103	27,951	2123	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2104	27,951	2124	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2105	27,951	2125	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2106	27,951	2126	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2107	27,951	2127	20.0	7.2	13.8	2,951	-1,140	1,140	4,951	1,185
2108	27,951	2128	20.0	7.2	13.8	2,951	-			

UNIT 2	INTERIM NET SALVAGE Z = -4									
LOCATION	1121	106,782,965	32.2	8.7	16.3	12,210,913	-3,887,797	51,216,269	55,546,696	3,313,676
1121	INTERIM NET SALVAGE Z = -4									

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 88

VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
LOCATION NUMBER = 1141 UNIT = 1 PLANT DANIEL UNIT 1										
ACCOUNT 311										
GROUP 3 Through Retirement Date of Unit										
1986	71,478	2827	41.0	11.1	29.0	6,215	0	20,849	51,429	1,743
1987	5,426	2827	43.0	13.1	29.0	417	0	1,784	3,847	131
1988	18,426	2827	44.0	14.1	29.0	12,470	0	0	17,822	4,189
1989	28,714	2827	45.0	15.1	29.0	3,847	0	0	14,975	1,498
1990	28,714	2827	46.0	16.1	29.0	14,727	0	0	14,975	2,498
1991	28,714	2827	48.0	18.1	29.0	1,863	0	0	13,112	626
1992	30,481	2827	49.0	19.1	29.0	28,134	0	18,788	22,694	0
1993	30,481	2827	50.0	20.1	29.0	348,837	0	3,077,882	4,457,484	151,188
311 3	8,540,722		49.6	20.0	29.5	427,812	0	3,459,695	5,081,027	172,237
311 3	INTERIM NET SALVAGE Z = 0									
ACCOUNT 311	8,540,722		49.6	20.0	29.5	427,812	0	3,459,695	5,081,027	172,237
ACCOUNT 311	INTERIM NET SALVAGE Z = 0									
ACCOUNT 312										
GROUP 1 0 To 20 Year Service Life										
1995	7,446	2015	20.0	7.0	17.5	2,978	-1,117	931	6,814	372
1996	514,711	2015	19.0	6.0	16.5	57,220	-4,287	20,849	228,145	19,736
1997	43,989	2015	18.0	5.0	15.5	4,450	-4,998	20,849	23,894	2,199
1998	17,446	2015	17.0	4.0	14.5	1,283	-2,617	12,648	4,797	872
1999	-76	2015	16.0	3.0	13.5	-3	11	-76	0	0
2000	6,883	2015	15.0	2.0	12.5	20	-1,028	5,953	850	348
2001	4,845	2015	14.0	1.0	11.5	267	-42	141,571	371	267
1977	141,571	1997	20.0	20.5	0.0	6,966	-21,236	141,571	0	0
312 1	536,833		20.0	7.3	13.5	75,588	-80,525	275,042	263,791	19,766

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 81

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIN SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
312 1	INTERIN NET SALVAGE Z = -15									
GROUP 2	21 To 35 Year Service Life									
1996	374,628	2027	21.0			249,747	0	18,187	384,493	12,885
1995	347,114	2027	21.0			22,799		4,485	35,284	1,281
1994	347,114	2027	21.0			99,175		34,818	318,356	10,619
1993	347,114	2027	21.0			11,788		4,417	3,371	95
1992	172,427	2027	21.0			11,942		9,843	51,126	1,725
1991	172,427	2027	21.0			26,946	-25,888	32,844	149,563	4,929
1990	82,128	2027	21.0			6,178	-1,621	9,929	36,088	1,124
1989	82,128	2027	21.0			6,178	-1,621	2,294	6,000	2,064
1988	13,181	2027	21.0			6,178	-1,621	2,294	6,000	2,064
1987	13,181	2027	21.0			6,178	-1,621	2,294	6,000	2,064
1986	13,181	2027	21.0			6,178	-1,621	2,294	6,000	2,064
1985	13,181	2027	21.0			6,178	-1,621	2,294	6,000	2,064
1984	13,181	2027	21.0			6,178	-1,621	2,294	6,000	2,064
1983	13,181	2027	21.0			6,178	-1,621	2,294	6,000	2,064
1982	13,181	2027	21.0			6,178	-1,621	2,294	6,000	2,064
1981	13,181	2027	21.0			6,178	-1,621	2,294	6,000	2,064
1980	13,181	2027	21.0			6,178	-1,621	2,294	6,000	2,064
1979	13,181	2027	21.0			6,178	-1,621	2,294	6,000	2,064
1978	13,181	2027	21.0			6,178	-1,621	2,294	6,000	2,064
1977	13,181	2027	21.0			6,178	-1,621	2,294	6,000	2,064
312 2	22,163,435		34.9	15.1	15.4	1,671,621	-3,198,124	12,240,998	9,922,445	635,388
312 2	INTERIN NET SALVAGE Z = -14									
GROUP 3	36 To Retirement Date of Unit									
1992	18,391	2027	35.0	5.5	5.5	1,889	0	1,433	8,788	297
1991	11,946	2027	35.0	6.5	6.5	1,889	0	1,433	8,788	297
1990	38,862	2027	35.0	7.5	7.5	1,889	0	1,433	8,788	297
1989	38,862	2027	35.0	8.5	8.5	1,889	0	1,433	8,788	297
1988	176,429	2027	35.0	9.5	9.5	1,889	0	1,433	8,788	297
1987	176,429	2027	35.0	10.5	10.5	1,889	0	1,433	8,788	297
1986	176,429	2027	35.0	11.5	11.5	1,889	0	1,433	8,788	297
1985	176,429	2027	35.0	12.5	12.5	1,889	0	1,433	8,788	297
1984	176,429	2027	35.0	13.5	13.5	1,889	0	1,433	8,788	297
1983	176,429	2027	35.0	14.5	14.5	1,889	0	1,433	8,788	297
1982	176,429	2027	35.0	15.5	15.5	1,889	0	1,433	8,788	297
1981	176,429	2027	35.0	16.5	16.5	1,889	0	1,433	8,788	297
1980	176,429	2027	35.0	17.5	17.5	1,889	0	1,433	8,788	297
1979	176,429	2027	35.0	18.5	18.5	1,889	0	1,433	8,788	297
1978	176,429	2027	35.0	19.5	19.5	1,889	0	1,433	8,788	297
1977	11,357,894	2027	35.0	20.5	20.5	584,844	0	4,688,737	6,781,157	227,158

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 82

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIN SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
312 3	12,425,770		49.4	19.6	29.5	634,351	0	5,001,946	7,423,824	251,656
312 3	INTERIN NET SALVAGE Z = 0									
ACCOUNT 312	35,126,838		38.4	16.1	19.4	2,178,968	-3,278,649	17,515,978	17,618,068	986,882
ACCOUNT 312	INTERIN NET SALVAGE Z = -9									
ACCOUNT 314										
GROUP 1	0 To 20 Year Service Life									
1996	13,193	2016	20.0	1.5	10.5	8,795	-1,979	17,989	12,284	660
1995	13,193	2016	20.0	2.5	10.5	8,795	-1,979	17,989	12,284	660
1994	13,193	2016	20.0	3.5	10.5	8,795	-1,979	17,989	12,284	660
1993	13,193	2016	20.0	4.5	10.5	8,795	-1,979	17,989	12,284	660
1992	13,193	2016	20.0	5.5	10.5	8,795	-1,979	17,989	12,284	660
1991	13,193	2016	20.0	6.5	10.5	8,795	-1,979	17,989	12,284	660
1990	13,193	2016	20.0	7.5	10.5	8,795	-1,979	17,989	12,284	660
1989	13,193	2016	20.0	8.5	10.5	8,795	-1,979	17,989	12,284	660
1988	13,193	2016	20.0	9.5	10.5	8,795	-1,979	17,989	12,284	660
1987	13,193	2016	20.0	10.5	10.5	8,795	-1,979	17,989	12,284	660
1986	13,193	2016	20.0	11.5	10.5	8,795	-1,979	17,989	12,284	660
1985	13,193	2016	20.0	12.5	10.5	8,795	-1,979	17,989	12,284	660
1984	13,193	2016	20.0	13.5	10.5	8,795	-1,979	17,989	12,284	660
1983	13,193	2016	20.0	14.5	10.5	8,795	-1,979	17,989	12,284	660
1982	13,193	2016	20.0	15.5	10.5	8,795	-1,979	17,989	12,284	660
1981	13,193	2016	20.0	16.5	10.5	8,795	-1,979	17,989	12,284	660
1980	13,193	2016	20.0	17.5	10.5	8,795	-1,979	17,989	12,284	660
1979	13,193	2016	20.0	18.5	10.5	8,795	-1,979	17,989	12,284	660
1978	13,193	2016	20.0	19.5	10.5	8,795	-1,979	17,989	12,284	660
1977	13,193	2016	20.0	20.5	10.5	8,795	-1,979	17,989	12,284	660
314 1	49,412		20.0	5.9	12.1	12,713	-7,412	17,868	32,344	2,669
314 1	INTERIN NET SALVAGE Z = -15									
GROUP 2	21 To 35 Year Service Life									
1995	2,855,577	2027	32.0	2.5	29.5	1,142,151	-31,953	223,076	2,432,381	89,271
1994	2,855,577	2027	32.0	3.5	29.5	1,142,151	-31,953	223,076	2,432,381	89,271
1993	2,855,577	2027	32.0	4.5	29.5	1,142,151	-31,953	223,076	2,432,381	89,271
1992	2,855,577	2027	32.0	5.5	29.5	1,142,151	-31,953	223,076	2,432,381	89,271
1991	2,855,577	2027	32.0	6.5	29.5	1,142,151	-31,953	223,076	2,432,381	89,271
1990	2,855,577	2027	32.0	7.5	29.5	1,142,151	-31,953	223,076	2,432,381	89,271
1989	2,855,577	2027	32.0	8.5	29.5	1,142,151	-31,953	223,076	2,432,381	89,271
1988	2,855,577	2027	32.0	9.5	29.5	1,142,151	-31,953	223,076	2,432,381	89,271
1987	2,855,577	2027	32.0	10.5	29.5	1,142,151	-31,953	223,076	2,432,381	89,271
1986	2,855,577	2027	32.0	11.5	29.5	1,142,151	-31,953	223,076	2,432,381	89,271
1985	2,855,577	2027	32.0	12.5	29.5	1,142,151	-31,953	223,076	2,432,381	89,271
1984	2,855,577	2027	32.0	13.5	29.5	1,142,151	-31,953	223,076	2,432,381	89,271
1983	2,855,577	2027	32.0	14.5	29.5	1,142,151	-31,953	223,076	2,432,381	89,271
1982	2,855,577	2027	32.0	15.5	29.5	1,142,151	-31,953	223,076	2,432,381	89,271
1981	2,855,577	2027	32.0	16.5	29.5	1,142,151	-31,953	223,076	2,432,381	89,271
1980	2,855,577	2027	32.0	17.5	29.5	1,142,151	-31,953	223,076	2,432,381	89,271
1979	2,855,577	2027	32.0	18.5	29.5	1,142,151	-31,953	223,076	2,432,381	89,271
1978	2,855,577	2027	32.0	19.5	29.5	1,142,151	-31,953	223,076	2,432,381	89,271
1977	2,855,577	2027	32.0	20.5	29.5	1,142,151	-31,953	223,076	2,432,381	89,271
314 2	4,254,176		32.9	5.3	27.8	1,284,488	-289,828	644,886	3,598,178	129,198
314 2	INTERIN NET SALVAGE Z = -5									
GROUP 3	36 To Retirement Date of Unit									

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 83

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
1996	444,992	2027	31.0	1.5	29.5	311,328	0	22,996	644,396	15,864
1991	52,463	2027	34.0	4.5	29.5	4,977	0	5,861	26,682	982
1990	2,438	2027	37.0	7.5	29.5	0	0	0	2,438	76
1985	27,289	2027	42.0	12.5	29.5	2,183	0	8,122	19,167	689
1983	10,339	2027	44.0	14.5	29.5	713	0	3,487	6,852	236
1981	285,787	2027	46.0	16.5	29.5	23	0	136	172,827	5,033
1978	9,861,632	2027	49.0	19.5	29.5	16,624	0	113,720	5,818,363	197,233
1977		2027	50.0	20.5	29.5	481,855	0	6,843,269		
314 3	10,687,682		48.6	13.1	29.5	815,327	0	4,197,685	6,489,997	220,080
314 3	INTERIM NET SALVAGE Z = 0									
ACCOUNT 314	16,991,270		42.6	7.1	28.7	2,112,528	-217,232	4,878,759	10,112,511	351,867
ACCOUNT 314	INTERIM NET SALVAGE Z = -1									
ACCOUNT 315										
GROUP 1 0 To 20 Year Service Life										
1994	34,773	2034	29.0	5.5	16.5	9,935	-5,216	4,885	29,688	1,739
1988	292,561	2034	29.0	5.5	16.5	34,777	-43,857	138,881	153,880	14,619
1987	32,414	2034	29.0	10.5	9.7	1,847	-4,882	17,017	15,397	1,621
1985	13,849	2034	29.0	12.5	9.7	1,845	-1,784	9,459	4,890	652
1984	11,854	2034	29.0	14.5	9.7	819	-1,488	5,881	5,881	551
1981	67,733	2034	29.0	16.5	9.7	4,185	-10,160	58,881	11,854	3,367
1977	141,883	1997	29.0	20.5	0.0	6,921	-21,282	141,883	0	0
315 1	593,280		29.0	10.5	9.7	56,687	-88,992	375,358	217,922	22,571
315 1	INTERIM NET SALVAGE Z = -15									
GROUP 2 21 To 35 Year Service Life										
1992	1,894,167	2032	35.0	5.5	29.5	29,121	-225,870	27,895	1,894,167	0,417
1990	4,922	2032	35.0	5.5	29.5	1,845	-1,488	13,881	1,894,167	43,823
1988	44,727	2032	35.0	5.5	29.5	1,845	-1,488	13,881	1,894,167	1,894
1983	11,827	2032	35.0	14.5	20.5	784	-1,785	4,789	6,658	1,894

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 84

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
1981	7,219	2014	35.0	16.5	18.5	430	-1,883	3,483	3,814	286
1978	1,297	2014	35.0	16.5	18.5	76	-2,222	823	3,814	42
1977	2,125,725	2012	35.0	20.5	14.5	183,694	-318,859	1,245,848	888,657	60,735
315 2	3,860,583		35.0	10.4	20.7	378,767	-555,875	1,572,107	2,288,396	110,380
315 2	INTERIM NET SALVAGE Z = -14									
GROUP 3 36 To Retirement Date of Unit										
1985	7,572	2027	42.0	12.5	29.5	1,684	0	5,294	5,318	188
1984	18,248	2027	42.0	12.5	29.5	1,684	0	16,867	16,867	438
1983	88,237	2027	44.0	14.5	29.5	1,684	0	16,867	16,867	1,342
1981	2,886	2027	44.0	16.5	29.5	1,684	0	16,867	16,867	1,342
1978	285,827	2027	49.0	16.5	29.5	14,624	0	111,827	172,827	5,033
1977	4,678,644	2027	50.0	20.5	29.5	228,228	0	1,918,282	2,760,412	95,575
315 3	5,044,844		49.8	20.3	29.5	248,524	0	2,057,779	2,986,265	181,229
315 3	INTERIM NET SALVAGE Z = 0									
ACCOUNT 315	9,497,827		39.4	14.1	23.5	675,978	-644,867	4,885,244	5,492,583	234,180
ACCOUNT 315	INTERIM NET SALVAGE Z = -7									
ACCOUNT 316										
GROUP 3 36 To Retirement Date of Unit										
1981	34,956	2027	46.0	16.5	29.5	2,248	0	13,234	23,789	885
1980	9,895	2027	47.0	17.5	29.5	629	0	3,386	5,709	194
1977	-3,421	2027	50.0	20.5	29.5	-167	0	-3,421	0	0
316 3	42,630		46.9	16.4	29.5	2,593	0	13,221	29,409	997
316 3	INTERIM NET SALVAGE Z = 0									

	VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
ACCOUNT 316		62,630		45.9	16.4	29.5		2,595	13,221	29,409	997
ACCOUNT 316		INTERIM NET SALVAGE X = 0									
UNIT 1		68,198,487		48.9	12.6	22.8		5,397,871	29,872,897	38,325,590	1,666,883
UNIT 1		INTERIM NET SALVAGE X = -6									
LOCATION 1141	1141	68,198,487		48.9	12.6	22.8		5,397,871	29,872,897	38,325,590	1,666,883
1141		INTERIM NET SALVAGE X = -6									

GULF POWER COMPANY
 PRODUCTION PLANT
 FORECAST ANALYSIS
 (HARMONIC WEIGHTED)
 1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 86

	VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
LOCATION NUMBER = 1142 UNIT = 2 PLANT DANIEL UNIT 2											
ACCOUNT 311											
GROUP 3 Through Retirement Date of Unit											
	1986	72,178	2031	45.0	11.8	33.5	6,276	0	18,443	53,727	1,404
	1987	2,117	2031	44.0	12.8	32.5	1,149	0	2,873	1,722	46
	1988	181,922	2031	44.0	14.8	32.5	12,142	0	24,754	159,168	3,798
	1989	8,748,913	2031	54.0	16.8	33.5	538,455	0	2,884,181	5,864,732	174,918
311 3		9,882,122		49.9	16.4	33.5	549,846	0	2,960,125	6,921,997	188,358
311 3		INTERIM NET SALVAGE X = 0									
ACCOUNT 311		9,882,122		49.9	16.4	33.5	549,846	0	2,960,125	6,921,997	188,358
ACCOUNT 311		INTERIM NET SALVAGE X = 0									
ACCOUNT 312											
GROUP 1 0 To 20 Year Service Life											
	1986	22,794	2016	20.0	1.1	14.5	15,160	-5,413	1,797	21,867	1,130
	1987	313,856	2016	20.0	4.1	14.5	28,142	-9,232	1,144	298,768	15,693
	1988	48,888	2016	20.0	7.1	14.5	1,000	-3,792	1,815	46,096	2,283
	1989	22,199	2016	20.0	9.1	14.5	1,000	-3,792	1,815	18,407	893
	1990	26,649	2016	20.0	11.1	14.5	1,000	-3,792	1,815	22,857	1,182
	1991	26,160	2016	20.0	13.1	14.5	1,000	-3,792	1,815	22,368	1,182
	1992	26,160	2016	20.0	15.1	14.5	1,000	-3,792	1,815	22,368	1,182
	1993	26,160	2016	20.0	17.1	14.5	1,000	-3,792	1,815	22,368	1,182
	1994	26,160	2016	20.0	19.1	14.5	1,000	-3,792	1,815	22,368	1,182
	1995	26,160	2016	20.0	21.1	14.5	1,000	-3,792	1,815	22,368	1,182
	1996	26,160	2016	20.0	23.1	14.5	1,000	-3,792	1,815	22,368	1,182
	1997	26,160	2016	20.0	25.1	14.5	1,000	-3,792	1,815	22,368	1,182
	1998	26,160	2016	20.0	27.1	14.5	1,000	-3,792	1,815	22,368	1,182
	1999	26,160	2016	20.0	29.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2000	26,160	2016	20.0	31.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2001	26,160	2016	20.0	33.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2002	26,160	2016	20.0	35.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2003	26,160	2016	20.0	37.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2004	26,160	2016	20.0	39.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2005	26,160	2016	20.0	41.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2006	26,160	2016	20.0	43.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2007	26,160	2016	20.0	45.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2008	26,160	2016	20.0	47.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2009	26,160	2016	20.0	49.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2010	26,160	2016	20.0	51.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2011	26,160	2016	20.0	53.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2012	26,160	2016	20.0	55.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2013	26,160	2016	20.0	57.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2014	26,160	2016	20.0	59.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2015	26,160	2016	20.0	61.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2016	26,160	2016	20.0	63.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2017	26,160	2016	20.0	65.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2018	26,160	2016	20.0	67.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2019	26,160	2016	20.0	69.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2020	26,160	2016	20.0	71.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2021	26,160	2016	20.0	73.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2022	26,160	2016	20.0	75.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2023	26,160	2016	20.0	77.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2024	26,160	2016	20.0	79.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2025	26,160	2016	20.0	81.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2026	26,160	2016	20.0	83.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2027	26,160	2016	20.0	85.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2028	26,160	2016	20.0	87.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2029	26,160	2016	20.0	89.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2030	26,160	2016	20.0	91.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2031	26,160	2016	20.0	93.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2032	26,160	2016	20.0	95.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2033	26,160	2016	20.0	97.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2034	26,160	2016	20.0	99.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2035	26,160	2016	20.0	101.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2036	26,160	2016	20.0	103.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2037	26,160	2016	20.0	105.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2038	26,160	2016	20.0	107.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2039	26,160	2016	20.0	109.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2040	26,160	2016	20.0	111.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2041	26,160	2016	20.0	113.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2042	26,160	2016	20.0	115.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2043	26,160	2016	20.0	117.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2044	26,160	2016	20.0	119.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2045	26,160	2016	20.0	121.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2046	26,160	2016	20.0	123.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2047	26,160	2016	20.0	125.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2048	26,160	2016	20.0	127.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2049	26,160	2016	20.0	129.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2050	26,160	2016	20.0	131.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2051	26,160	2016	20.0	133.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2052	26,160	2016	20.0	135.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2053	26,160	2016	20.0	137.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2054	26,160	2016	20.0	139.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2055	26,160	2016	20.0	141.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2056	26,160	2016	20.0	143.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2057	26,160	2016	20.0	145.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2058	26,160	2016	20.0	147.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2059	26,160	2016	20.0	149.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2060	26,160	2016	20.0	151.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2061	26,160	2016	20.0	153.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2062	26,160	2016	20.0	155.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2063	26,160	2016	20.0	157.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2064	26,160	2016	20.0	159.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2065	26,160	2016	20.0	161.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2066	26,160	2016	20.0	163.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2067	26,160	2016	20.0	165.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2068	26,160	2016	20.0	167.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2069	26,160	2016	20.0	169.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2070	26,160	2016	20.0	171.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2071	26,160	2016	20.0	173.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2072	26,160	2016	20.0	175.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2073	26,160	2016	20.0	177.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2074	26,160	2016	20.0	179.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2075	26,160	2016	20.0	181.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2076	26,160	2016	20.0	183.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2077	26,160	2016	20.0	185.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2078	26,160	2016	20.0	187.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2079	26,160	2016	20.0	189.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2080	26,160	2016	20.0	191.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2081	26,160	2016	20.0	193.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2082	26,160	2016	20.0	195.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2083	26,160	2016	20.0	197.1	14.5	1,000	-3,792	1,815	22,368	1,182
	2084	26,160	2016	20.0	199.1	14.5	1,000	-3,79			

	VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE	WEIGHT	INTERIM	SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
GROUP 2 21 To 35 Year Service Life													
	1996	300,354	2001	35.0	1.5	10.5		250,000		0	10,000	371,712	11,096
	1997	22,815	2002	35.0	1.5	10.5		181,185	-5,000	0	10,000	318,185	10,100
	1998	22,815	2003	35.0	1.5	10.5		158,370	-5,000	0	10,000	263,370	9,104
	1999	22,815	2004	35.0	1.5	10.5		135,555	-5,000	0	10,000	208,555	8,108
	2000	22,815	2005	35.0	1.5	10.5		112,740	-5,000	0	10,000	153,740	7,112
	2001	22,815	2006	35.0	1.5	10.5		90,000	-5,000	0	10,000	98,000	6,116
	2002	22,815	2007	35.0	1.5	10.5		67,255	-5,000	0	10,000	42,255	5,120
	2003	22,815	2008	35.0	1.5	10.5		44,510	-5,000	0	10,000	17,510	4,124
	2004	22,815	2009	35.0	1.5	10.5		21,765	-5,000	0	10,000	2,765	3,128
	2005	22,815	2010	35.0	1.5	10.5		0	-5,000	0	10,000	0	2,132
	2006	22,815	2011	35.0	1.5	10.5		0	-5,000	0	10,000	0	1,136
	2007	22,815	2012	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2008	22,815	2013	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2009	22,815	2014	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2010	22,815	2015	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2011	22,815	2016	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2012	22,815	2017	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2013	22,815	2018	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2014	22,815	2019	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2015	22,815	2020	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2016	22,815	2021	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2017	22,815	2022	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2018	22,815	2023	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2019	22,815	2024	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2020	22,815	2025	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2021	22,815	2026	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2022	22,815	2027	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2023	22,815	2028	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2024	22,815	2029	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2025	22,815	2030	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2026	22,815	2031	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2027	22,815	2032	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2028	22,815	2033	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2029	22,815	2034	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2030	22,815	2035	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2031	22,815	2036	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2032	22,815	2037	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2033	22,815	2038	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2034	22,815	2039	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2035	22,815	2040	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2036	22,815	2041	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2037	22,815	2042	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2038	22,815	2043	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2039	22,815	2044	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2040	22,815	2045	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2041	22,815	2046	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2042	22,815	2047	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2043	22,815	2048	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2044	22,815	2049	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2045	22,815	2050	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2046	22,815	2051	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2047	22,815	2052	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2048	22,815	2053	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2049	22,815	2054	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2050	22,815	2055	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2051	22,815	2056	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2052	22,815	2057	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2053	22,815	2058	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2054	22,815	2059	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2055	22,815	2060	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2056	22,815	2061	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2057	22,815	2062	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2058	22,815	2063	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2059	22,815	2064	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2060	22,815	2065	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2061	22,815	2066	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2062	22,815	2067	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2063	22,815	2068	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2064	22,815	2069	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2065	22,815	2070	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2066	22,815	2071	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2067	22,815	2072	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2068	22,815	2073	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2069	22,815	2074	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2070	22,815	2075	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2071	22,815	2076	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2072	22,815	2077	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2073	22,815	2078	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2074	22,815	2079	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2075	22,815	2080	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2076	22,815	2081	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2077	22,815	2082	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2078	22,815	2083	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2079	22,815	2084	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2080	22,815	2085	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2081	22,815	2086	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2082	22,815	2087	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2083	22,815	2088	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2084	22,815	2089	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2085	22,815	2090	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2086	22,815	2091	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2087	22,815	2092	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2088	22,815	2093	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2089	22,815	2094	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2090	22,815	2095	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2091	22,815	2096	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2092	22,815	2097	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2093	22,815	2098	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2094	22,815	2099	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2095	22,815	2100	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2096	22,815	2101	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2097	22,815	2102	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2098	22,815	2103	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2099	22,815	2104	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2100	22,815	2105	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2101	22,815	2106	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2102	22,815	2107	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2103	22,815	2108	35.0	1.5	10.5		0	-5,000	0	10,000	0	0
	2104												

SELF POWER COMPANY
 REFINERY PLANT
 -FURNACE AREA VENTS
 (ECONOMIC WEIGHTED)
 1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 00

	VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE	WEIGHT	INTERIM	SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
GROUP 1 0 To 20 Year Service Life													
	1996	100,164	2001	20.0	1.5	10.5		120,111	-27,025		12,011	100,096	9,000
	1997	57,771	2000	20.0	1.5	10.5		0,000	-5,000		10,000	21,000	1,000
	1983	900	2003	20.0	14.5	0.5		0	-100		0	0	0
	1981	135,239	2001	20.0	16.5	3.5		0,190	-20,209		111,009	23,070	6,763
314 1		354,120		20.0	2.7	12.0		132,017	-53,110		141,024	212,296	17,706
314 1		INTERIM NET SALVAGE X = -15											
GROUP 2 21 To 35 Year Service Life													
	1996	161,184	2001	35.0	1.5	10.5		107,457	0		6,900	104,557	4,605
	1997	415	2000	35.0	1.5	10.5		100,000	-10,000		0	90,000	10,000
	1998	801	2001	35.0	1.5	10.5		100,000	-10,000		0	90,000	10,000
	1992	79,000	2007	35.0	1.5	10.5		14,000	-11,000		12,000	60,000	2,000
	1990	1,000	2009	35.0	1.5	10.5		100,000	-10,000		0	90,000	10,000
	1989	700,000	2000	35.0	1.5	10.5		83,000	-110,000		214,000	574,000	22,000
	1988	1,000,000	2000	35.0	1.5	10.5		100,000	-10,000		0	90,000	10,000
	1983	1,000,000	2000	35.0	1.5	10.5		60,000	-162,000		509,000	571,000	30,000
	1981	1,000,000	2000	35.0	16.5	18.5		0,000	-162,000		509,000	571,000	30,000
314 2		2,119,077		35.0	7.0	22.7		271,502	-295,004		745,705	1,573,322	60,545
314 2		INTERIM NET SALVAGE X = -14											
GROUP 3 36 To Retirement Date of Unit													
	1991	0,000	2001	40.0	6.0	34.0		1,000	0		1,000	7,000	200
	1990	17,000	2000	40.0	6.0	34.0		1,000	0		0	10,000	400
	1985	27,000	2000	40.0	6.0	34.0		1,000	0		0	10,000	500
	1984	10,000	2000	40.0	6.0	34.0		1,000	0		0	10,000	600
	1983	10,000	2000	40.0	6.0	34.0		1,000	0		0	10,000	700
	1981	13,000,000	2001	30.0	16.0	14.0		0,000,000	0		4,000,000	9,000,000	270,000
314 3		14,016,099		50.0	16.4	33.5		052,461	0		4,610,977	9,397,722	280,329
314 3		INTERIM NET SALVAGE X = 0											
ACCOUNT 314		16,409,096		46.0	13.1	30.6		1,256,700	-346,002		5,506,556	10,903,340	350,700

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 89

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUAL
ACCOUNT 314	INTERIM NET SALVAGE X = -2									
ACCOUNT 315										
GROUP 1	0 To 20 Year Service Life									
1995	16,998	2015	20.0	2.0	17.5	6,799	-2,550	2,125	14,873	856
1996	9,858	2014	20.0	2.0	18.0	1,882	-1,156	1,882	7,456	432
1997	29,276	2008	20.0	2.0	18.0	21,187	-30,191	98,486	105,678	10,844
1987	7,543	2007	20.0	1.0	9.0	120	-282	794	639	67
1986	7,432	2006	20.0	1.0	9.0	120	-282	794	639	67
1985	26,184	2005	20.0	1.0	9.0	120	-282	794	2,989	352
1984	13,813	2004	20.0	1.0	9.0	120	-282	794	9,840	1,235
1981	429,441	2001	20.0	16.0	18.5	26,827	-64,416	354,289	75,152	21,472
315 1	783,849		20.0	11.7	6.3	68,285	-105,457	482,761	228,588	35,153
315 1	INTERIM NET SALVAGE X = -15									
GROUP 2	21 To 35 Year Service Life									
1992	165,871	2027	35.0	5.0	29.5	39,158	-29,881	28,865	139,886	5,799
1991	1,489,196	2026	35.0	4.0	29.5	229,887	-223,579	279,562	1,212,531	42,544
1988	28,232	2023	35.0	4.0	29.5	2,972	-4,235	7,443	28,549	887
1985	2,498,392	2019	35.0	14.0	29.5	158,872	-373,489	1,173,571	1,315,821	71,123
315 2	4,178,393		35.0	10.1	22.6	412,951	-625,559	1,481,566	2,688,827	119,219
315 2	INTERIM NET SALVAGE X = -15									
GROUP 3	36 To Retirement Date of Unit									
1985	7,499	2031	46.0	12.0	33.5	689	0	2,828	5,461	163
1984	-11,848	2031	47.0	12.0	33.5	-814	0	-11,848	0	0
1983	4,929	2031	48.0	12.0	33.5	478	0	3,893	4,835	146
1981	3,898,236	2031	58.0	16.0	33.5	235,772	0	1,285,778	2,686,458	77,685

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 90

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUAL
315 3	3,893,615		50.0	16.5	33.5	236,832	0	1,276,863	2,616,754	78,112
315 3	INTERIM NET SALVAGE X = 0									
ACCOUNT 315	8,767,857		37.8	12.4	23.8	789,268	-731,816	3,241,168	5,525,889	232,484
ACCOUNT 315	INTERIM NET SALVAGE X = -8									
ACCOUNT 316										
GROUP 2	21 To 35 Year Service Life									
1983	6,427	2018	35.0	14.5	20.5	443	-964	2,663	3,764	184
316 2	6,427		34.9	14.5	20.5	443	-964	2,663	3,764	184
316 2	INTERIM NET SALVAGE X = -15									
ACCOUNT 316	6,427		34.9	14.5	20.5	443	-964	2,663	3,764	184
ACCOUNT 316	INTERIM NET SALVAGE X = -15									
UNIT 2	88,782,391		61.6	14.0	26.2	5,782,787	-4,923,859	38,821,867	58,761,324	1,941,388
UNIT 2	INTERIM NET SALVAGE X = -6									
LOCATION 1142	88,782,391		61.6	14.0	26.2	5,782,787	-4,923,859	38,821,867	58,761,324	1,941,388
1142	INTERIM NET SALVAGE X = -6									

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 91

VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
LOCATION NUMBER = 1143 UNIT = 0										
PLANT DANIEL CONDON										
ACCOUNT 511										
GROUP 3 Through Retirement Date of Unit										
1995	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	21,859	288,895	8,424
1996	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	376,716	3,685,704	107,453
1997	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	5,967	22,888	659
1998	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	43,895	267,348	7,981
1999	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	146,346	784,544	22,822
2000	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	44,358	198,997	5,913
2001	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	446,512	1,765,177	52,543
2002	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	5,967	22,888	659
2003	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	43,895	267,348	7,981
2004	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	146,346	784,544	22,822
2005	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	44,358	198,997	5,913
2006	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	446,512	1,765,177	52,543
2007	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	5,967	22,888	659
2008	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	43,895	267,348	7,981
2009	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	146,346	784,544	22,822
2010	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	44,358	198,997	5,913
2011	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	446,512	1,765,177	52,543
2012	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	5,967	22,888	659
2013	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	43,895	267,348	7,981
2014	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	146,346	784,544	22,822
2015	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	44,358	198,997	5,913
2016	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	446,512	1,765,177	52,543
2017	3,110,454	2031	25.0	0.0	0.0	1,157,182	0	5,967	22,888	659
511 3	20,855,853		46.1	8.4	33.5	2,390,475	0	5,493,867	14,561,986	434,686
511 3	INTERIM NET SALVAGE X = 0									
ACCOUNT 511	20,855,853		46.1	8.4	33.5	2,390,475	0	5,493,867	14,561,986	434,686
ACCOUNT 511	INTERIM NET SALVAGE X = 0									
ACCOUNT 512										
GROUP 1 0 To 20 Year Service Life										

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 92

VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
1996	15,943	2016	20.0	0.0	18	9,295	-9,091	1,844	12,997	697
1997	15,943	2016	20.0	0.0	18	10,295	-9,091	1,844	12,997	697
1998	15,943	2016	20.0	0.0	18	11,295	-9,091	1,844	12,997	697
1999	15,943	2016	20.0	0.0	18	12,295	-9,091	1,844	12,997	697
2000	15,943	2016	20.0	0.0	18	13,295	-9,091	1,844	12,997	697
2001	15,943	2016	20.0	0.0	18	14,295	-9,091	1,844	12,997	697
2002	15,943	2016	20.0	0.0	18	15,295	-9,091	1,844	12,997	697
2003	15,943	2016	20.0	0.0	18	16,295	-9,091	1,844	12,997	697
2004	15,943	2016	20.0	0.0	18	17,295	-9,091	1,844	12,997	697
2005	15,943	2016	20.0	0.0	18	18,295	-9,091	1,844	12,997	697
2006	15,943	2016	20.0	0.0	18	19,295	-9,091	1,844	12,997	697
2007	15,943	2016	20.0	0.0	18	20,295	-9,091	1,844	12,997	697
2008	15,943	2016	20.0	0.0	18	21,295	-9,091	1,844	12,997	697
2009	15,943	2016	20.0	0.0	18	22,295	-9,091	1,844	12,997	697
2010	15,943	2016	20.0	0.0	18	23,295	-9,091	1,844	12,997	697
2011	15,943	2016	20.0	0.0	18	24,295	-9,091	1,844	12,997	697
2012	15,943	2016	20.0	0.0	18	25,295	-9,091	1,844	12,997	697
2013	15,943	2016	20.0	0.0	18	26,295	-9,091	1,844	12,997	697
2014	15,943	2016	20.0	0.0	18	27,295	-9,091	1,844	12,997	697
2015	15,943	2016	20.0	0.0	18	28,295	-9,091	1,844	12,997	697
2016	15,943	2016	20.0	0.0	18	29,295	-9,091	1,844	12,997	697
2017	15,943	2016	20.0	0.0	18	30,295	-9,091	1,844	12,997	697
2018	15,943	2016	20.0	0.0	18	31,295	-9,091	1,844	12,997	697
2019	15,943	2016	20.0	0.0	18	32,295	-9,091	1,844	12,997	697
2020	15,943	2016	20.0	0.0	18	33,295	-9,091	1,844	12,997	697
2021	15,943	2016	20.0	0.0	18	34,295	-9,091	1,844	12,997	697
2022	15,943	2016	20.0	0.0	18	35,295	-9,091	1,844	12,997	697
2023	15,943	2016	20.0	0.0	18	36,295	-9,091	1,844	12,997	697
2024	15,943	2016	20.0	0.0	18	37,295	-9,091	1,844	12,997	697
2025	15,943	2016	20.0	0.0	18	38,295	-9,091	1,844	12,997	697
2026	15,943	2016	20.0	0.0	18	39,295	-9,091	1,844	12,997	697
2027	15,943	2016	20.0	0.0	18	40,295	-9,091	1,844	12,997	697
2028	15,943	2016	20.0	0.0	18	41,295	-9,091	1,844	12,997	697
2029	15,943	2016	20.0	0.0	18	42,295	-9,091	1,844	12,997	697
2030	15,943	2016	20.0	0.0	18	43,295	-9,091	1,844	12,997	697
2031	15,943	2016	20.0	0.0	18	44,295	-9,091	1,844	12,997	697
2032	15,943	2016	20.0	0.0	18	45,295	-9,091	1,844	12,997	697
2033	15,943	2016	20.0	0.0	18	46,295	-9,091	1,844	12,997	697
2034	15,943	2016	20.0	0.0	18	47,295	-9,091	1,844	12,997	697
2035	15,943	2016	20.0	0.0	18	48,295	-9,091	1,844	12,997	697
2036	15,943	2016	20.0	0.0	18	49,295	-9,091	1,844	12,997	697
2037	15,943	2016	20.0	0.0	18	50,295	-9,091	1,844	12,997	697
2038	15,943	2016	20.0	0.0	18	51,295	-9,091	1,844	12,997	697
2039	15,943	2016	20.0	0.0	18	52,295	-9,091	1,844	12,997	697
2040	15,943	2016	20.0	0.0	18	53,295	-9,091	1,844	12,997	697
2041	15,943	2016	20.0	0.0	18	54,295	-9,091	1,844	12,997	697
2042	15,943	2016	20.0	0.0	18	55,295	-9,091	1,844	12,997	697
2043	15,943	2016	20.0	0.0	18	56,295	-9,091	1,844	12,997	697
2044	15,943	2016	20.0	0.0	18	57,295	-9,091	1,844	12,997	697
2045	15,943	2016	20.0	0.0	18	58,295	-9,091	1,844	12,997	697
2046	15,943	2016	20.0	0.0	18	59,295	-9,091	1,844	12,997	697
2047	15,943	2016	20.0	0.0	18	60,295	-9,091	1,844	12,997	697
2048	15,943	2016	20.0	0.0	18	61,295	-9,091	1,844	12,997	697
2049	15,943	2016	20.0	0.0	18	62,295	-9,091	1,844	12,997	697
2050	15,943	2016	20.0	0.0	18	63,295	-9,091	1,844	12,997	697
2051	15,943	2016	20.0	0.0	18	64,295	-9,091	1,844	12,997	697
2052	15,943	2016	20.0	0.0	18	65,295	-9,091	1,844	12,997	697
2053	15,943	2016	20.0	0.0	18	66,295	-9,091	1,844	12,997	697
2054	15,943	2016	20.0	0.0	18	67,295	-9,091	1,844	12,997	697
2055	15,943	2016	20.0	0.0	18	68,295	-9,091	1,844	12,997	697
2056	15,943	2016	20.0	0.0	18	69,295	-9,091	1,844	12,997	697
2057	15,943	2016	20.0	0.0	18	70,295	-9,091	1,844	12,997	697
2058	15,943	2016	20.0	0.0	18	71,295	-9,091	1,844	12,997	697
2059	15,943	2016	20.0	0.0	18	72,295	-9,091	1,844	12,997	697
2060	15,943	2016	20.0	0.0	18	73,295	-9,091	1,844	12,997	697
2061	15,943	2016	20.0	0.0	18	74,295	-9,091	1,844	12,997	697
2062	15,943	2016	20.0	0.0	18	75,295	-9,091	1,844	12,997	697
2063	15,943	2016	20.0	0.0	18	76,295	-9,091	1,844	12,997	697
2064	15,943	2016	20.0	0.0	18	77,295	-9,091	1,844	12,997	697
2065	15,943	2016	20.0	0.0	18	78,295	-9,091	1,844	12,997	697
2066	15,943	2016	20.0	0.0	18	79,295	-9,091	1,844	12,997	697
2067	15,943	2016	20.0	0.0	18	80,295	-9,091	1,844	12,997	697
2068	15,943	2016	20.0	0.0	18	81,295	-9,091	1,844	12,997	697
2069	15,943	2016	20.0	0.0	18	82,295	-9,091	1,844	12,997	697
2070	15,943	2016	20.0	0.0	18	83,295	-9,091	1,844	12,997	697
2071	15,943	2016	20.0	0.0	18	84,295	-9,091	1,844	12,997	697
2072	15,943	2016	20.0	0.0	18	85,295	-9,091	1,844	12,997	697
2073	15,943	2016	20.0	0.0	18	86,295	-9,091	1,844	12,997	697
2074	15,943	2016	20.0	0.0	18	87,295	-9,091	1,844	12,997	697
2075	15,943	2016	20.0	0.0	18	88,295	-9,091	1,844	12,997	697
2076	15,943	2016	20.0	0.0	18	89,295	-9,091	1,844	12,997	697
2077	15,943	2016	20.0	0.0	18	90,295	-9,091	1,844	12,997	697
2078	15,943	2016	20.0	0.0	18	91,295	-9,091	1,844	12,997	697
2079	15,943	2016	20.0	0.0	18	92,295	-9,091	1,844	12,997	697
2080	15,943	2016	20.0	0.0	18	93,295	-9,091	1,844	12,997	697
2081	15,943	2016	20.0	0.0	18	94,295	-9,091	1,844	12,997	697
2082	15,943	2016	20.0	0.0	18	95,295	-9,091	1,844	12,997	697
2083	15,943	2016	20.0	0.0	18	96,295	-9,091	1,844	12,997	697
2084	15,943	2016	20.0	0.0	18	97,295	-9,091	1,844	12,997	697
2085	15,943	2016	20.0	0.0	18	98,295	-9,091	1,844	12,997	697
2086	15,943	2016	20.0	0.0	18	99,295	-9,091	1,844	12,997	697
2087	15,943	2016	20.0	0.0	18	100,295	-9,091	1,844	12,997	697
2088	15,943	2016	20.0	0.0	18	101,295	-9,091	1,844	12,997	697
2089	15,943	2016	20.0	0.0	18	102,295	-9,091	1,844	12,997	697
2090	15,943	2016	20.0	0.0	18	103,295	-9,091	1,844	12,997	697
2091	15,943	2016	20.0	0.0	18	104,295	-9,091	1,844	12,997	697
2092	15,943	2016	20.0	0.0	18	105,295	-9,091	1,844	12,997	697
2093	15,943	2016	20.0	0.0	18	106,295	-9,091	1,844	12,997	697
2094	15,943	2016	20.0	0.0	18	107,295	-9,091	1,844	12,997	697
2095	15,943	2016	20.0	0.0	18	108,295	-9,091	1,844	12,997	697
2096	15,943	2016	20.0	0.0	18	109,295	-9,091	1,844	12,997	697
2097	15,943	2016	20.0	0.0	18	110,295	-9,091	1,844	12,997	697
2098	15,943	2016	20.0	0.0	18	111,295	-9,091	1,844	12,997	697
2099	15,943	2016	20.0	0.0	18	112,295	-9,091	1,844	12,997	697
2100	15,943	2016	20.0	0.0	18	113,295	-9,091	1,844	12,997	697
2101	15,943	2016	20.0	0.0	18	114,295	-9,091	1,844	12,997	697
2102	15,943	2016	20.0	0.0	18	115,295	-9,091	1,844	12,997	697
2103	15,943	2016	20.0	0.0	18	116,295	-9,091	1,844	12,997	697
2104	15,943	2016	20.0	0.0	18	117,295	-9,091	1,844	12,997	697
2105	15,943	2016	20.0	0.0	18	118,295	-9,091	1,844	12,997	697
2106	15,943	2016	20.0	0.0	18	119,295	-9,091	1,844	12,997	697
2107	15,943	2016	20.0	0.0	18	120,295	-9,091	1,844	12,997	697
2108	15,943	2016	20.0	0.0	18	121,295	-9,091	1,844	12,997	697
2109	15,943	2016	20.0	0.0	18	122,295	-9,091	1,844	12,997	697
2110	15,943	2016	20.0	0.0	18	123,295	-9,			

FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIN SAL	CALC. RESERVE	UNRECOVERED	ACCURAL
312 2	INTERIN NET SALVAGE Z = -15									
GROUP 3	36 To Retirement Date of Unit									
1997	222,000	2031	34.0	0.0	0.0	111,000	0	3,265	218,735	6,529
1998	1,221	2031	35.0	0.0	0.0	-14	0	-21	0	0
1999	1,369	2031	36.0	0.0	0.0	1,369	0	0	1,288	30
2000	-3,919,610	2031	37.0	0.0	0.0	-1,119,809	0	-3,919,610	0	0
2001	7,412	2031	38.0	0.0	0.0	1,369	0	1,369	6,347	190
2002	10,440	2031	39.0	0.0	0.0	1,369	0	1,369	8,555	252
2003	990	2031	40.0	0.0	0.0	1,369	0	1,369	5,772	23
2004	6,925	2031	41.0	0.0	0.0	1,369	0	1,369	15,790	155
2005	22,294	2031	42.0	0.0	0.0	1,369	0	1,369	4,718	0
2006	1,217,240	2031	43.0	0.0	0.0	1,369	0	1,369	829,850	20,745
2007	1,217,240	2031	44.0	0.0	0.0	1,369	0	1,369	550,255	16,444
2008	849,477	2031	45.0	0.0	0.0	1,369	0	1,369	159,472	4,760
2009	6,827,823	2031	46.0	0.0	0.0	33,719	0	2,481,452	4,125,371	123,151
2010	22,572	2031	47.0	0.0	0.0	1,101	0	8,569	14,003	618
312 3	5,443,677		71.8	-11	33.5	-516,341	0	-644,617	6,087,694	181,729
312 3	INTERIN NET SALVAGE Z = 0									
ACCOUNT 312	33,991,815		35.3	6.6	26.9	5,066,018	-4,142,604	8,134,516	25,257,299	940,872
ACCOUNT 312	INTERIN NET SALVAGE Z = -12									
ACCOUNT 314										
GROUP 2	21 To 35 Year Service Life									
1995	1,014	2020	35.0	4.5	30.5	225	-152	130	884	29
1996	1,982	2020	36.0	4.5	30.5	1,982	-297	140	1,414	27
1997	1,982	2020	37.0	4.5	30.5	1,982	-297	140	1,414	27
2000	1,982	2020	38.0	4.5	30.5	1,982	-297	140	1,414	27
2001	1,982	2020	39.0	4.5	30.5	1,982	-297	140	1,414	27
2002	1,982	2020	40.0	4.5	30.5	1,982	-297	140	1,414	27
2003	1,982	2020	41.0	4.5	30.5	1,982	-297	140	1,414	27
2004	1,982	2020	42.0	4.5	30.5	1,982	-297	140	1,414	27
2005	1,982	2020	43.0	4.5	30.5	1,982	-297	140	1,414	27
2006	1,982	2020	44.0	4.5	30.5	1,982	-297	140	1,414	27
2007	1,982	2020	45.0	4.5	30.5	1,982	-297	140	1,414	27
2008	1,982	2020	46.0	4.5	30.5	1,982	-297	140	1,414	27
2009	1,982	2020	47.0	4.5	30.5	1,982	-297	140	1,414	27
2010	1,982	2020	48.0	4.5	30.5	1,982	-297	140	1,414	27
2011	1,982	2020	49.0	4.5	30.5	1,982	-297	140	1,414	27
2012	1,982	2020	50.0	4.5	30.5	1,982	-297	140	1,414	27
314 2	246,714		35.0	17.4	17.0	14,184	-57,007	127,171	119,543	7,049

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 94

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIN SAL	CALC. RESERVE	UNRECOVERED	ACCURAL
314 2	INTERIN NET SALVAGE Z = -15									
GROUP 3	36 To Retirement Date of Unit									
1995	64,466	2031	34.0	7.5	22.5	25,842	0	1,490	60,166	1,706
1996	23,280	2031	35.0	7.5	22.5	23,280	0	4,420	19,861	568
1997	780,894	2031	36.0	7.5	22.5	47,812	0	268,135	512,759	15,778
2000	29,423	2031	37.0	7.5	22.5	1,947	0	7,814	12,609	365
2001	1,861,946	2031	38.0	7.5	22.5	90,783	0	706,580	1,154,366	34,444
314 3	2,780,299		52.1	16.4	33.5	160,608	0	983,106	1,775,193	52,991
314 3	INTERIN NET SALVAGE Z = 0									
ACCOUNT 314	3,005,013		50.1	16.4	31.6	182,792	-57,007	1,110,277	1,894,736	60,040
ACCOUNT 314	INTERIN NET SALVAGE Z = -1									
ACCOUNT 315										
GROUP 1	0 To 20 Year Service Life									
1993	4,725	2013	20.0	4.5	15.5	1,050	-709	1,063	3,462	236
1994	150,962	2004	20.0	11.5	6.5	13,823	-23,044	91,483	67,859	7,940
1995	909	2004	20.0	13.5	6.5	75	-148	648	321	69
315 1	164,476		20.0	11.0	8.7	14,946	-24,701	93,134	71,542	8,233
315 1	INTERIN NET SALVAGE Z = -15									
GROUP 2	21 To 35 Year Service Life									
1994	196,614	2029	35.0	3.0	31.5	56,175	-29,492	19,461	176,953	5,618
1995	29,442	2019	35.0	13.0	21.5	7,182	-24,619	11,344	18,690	842
1996	152,345	2012	35.0	20.5	14.5	7,431	-22,882	89,231	43,114	4,353
315 2	378,421		35.0	5.0	23.9	65,788	-56,763	120,256	258,165	10,013

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 95

VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
315 2	INTERIM NET SALVAGE Z = -15									
GROUP 3	36 To Retirement Date of Unit									
1993	84,881	2031	40.0	10.5	33.5	1,675	0	7,355	16,946	586
1997	282,894	2031	40.0	10.5	33.5	1,675	0	77,823	125,847	3,757
315 3	227,171		53.3	19.6	33.5	11,572	0	84,358	142,813	4,263
315 3	INTERIM NET SALVAGE Z = 0									
ACCOUNT 315	779,268		33.0	8.3	20.3	92,306	-61,465	297,748	472,528	23,389
ACCOUNT 315	INTERIM NET SALVAGE Z = -11									
ACCOUNT 316										
GROUP 1	0 To 29 Year Service Life									
1994	712	2016	29.0	1.1	10.0	675	-187	53	659	36
1995	0,778	2015	29.0	1.1	10.0	1,122	-1,847	1,571	7,487	449
1996	0,514	2015	29.0	4.1	10.0	1,230	-1,942	1,443	4,971	321
1997	0,722	2012	29.0	9.0	10.0	1,111	-1,816	1,443	4,918	339
1998	1,572	2011	29.0	14.0	10.0	1,111	-1,816	1,443	4,918	339
1999	11,572	2010	29.0	19.0	10.0	1,111	-1,816	1,443	4,918	339
2000	50,850	2009	29.0	24.0	10.0	1,111	-1,816	1,443	4,918	339
2001	1,572	2008	29.0	29.0	10.0	1,111	-1,816	1,443	4,918	339
2002	1,572	2007	29.0	19.0	10.0	1,111	-1,816	1,443	4,918	339
2003	1,572	2006	29.0	14.0	10.0	1,111	-1,816	1,443	4,918	339
2004	1,572	2005	29.0	9.0	10.0	1,111	-1,816	1,443	4,918	339
2005	1,572	2004	29.0	4.0	10.0	1,111	-1,816	1,443	4,918	339
2006	1,572	2003	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2007	1,572	2002	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2008	1,572	2001	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2009	1,572	2000	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2010	1,572	1999	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2011	1,572	1998	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2012	1,572	1997	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2013	1,572	1996	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2014	1,572	1995	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2015	1,572	1994	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2016	1,572	1993	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2017	1,572	1992	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2018	1,572	1991	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2019	1,572	1990	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2020	1,572	1989	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2021	1,572	1988	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2022	1,572	1987	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2023	1,572	1986	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2024	1,572	1985	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2025	1,572	1984	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2026	1,572	1983	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2027	1,572	1982	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2028	1,572	1981	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2029	1,572	1980	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2030	1,572	1979	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2031	1,572	1978	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2032	1,572	1977	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2033	1,572	1976	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2034	1,572	1975	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2035	1,572	1974	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2036	1,572	1973	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2037	1,572	1972	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2038	1,572	1971	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2039	1,572	1970	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2040	1,572	1969	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2041	1,572	1968	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2042	1,572	1967	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2043	1,572	1966	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2044	1,572	1965	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2045	1,572	1964	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2046	1,572	1963	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2047	1,572	1962	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2048	1,572	1961	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2049	1,572	1960	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2050	1,572	1959	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2051	1,572	1958	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2052	1,572	1957	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2053	1,572	1956	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2054	1,572	1955	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2055	1,572	1954	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2056	1,572	1953	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2057	1,572	1952	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2058	1,572	1951	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2059	1,572	1950	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2060	1,572	1949	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2061	1,572	1948	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2062	1,572	1947	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2063	1,572	1946	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2064	1,572	1945	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2065	1,572	1944	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2066	1,572	1943	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2067	1,572	1942	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2068	1,572	1941	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2069	1,572	1940	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2070	1,572	1939	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2071	1,572	1938	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2072	1,572	1937	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2073	1,572	1936	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2074	1,572	1935	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2075	1,572	1934	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2076	1,572	1933	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2077	1,572	1932	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2078	1,572	1931	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2079	1,572	1930	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2080	1,572	1929	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2081	1,572	1928	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2082	1,572	1927	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2083	1,572	1926	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2084	1,572	1925	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2085	1,572	1924	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2086	1,572	1923	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2087	1,572	1922	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2088	1,572	1921	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2089	1,572	1920	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2090	1,572	1919	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2091	1,572	1918	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2092	1,572	1917	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2093	1,572	1916	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2094	1,572	1915	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2095	1,572	1914	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2096	1,572	1913	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2097	1,572	1912	29.0	1.0	10.0	1,111	-1,816	1,443	4,918	339
2098										

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 97

	VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
LOCATION	1143	59,733,656		39.4	7.6	28.7	7,876,881	-4,349,418	16,032,190	43,781,666	1,515,746
1143		INTERIM NET SALVAGE Z = -7									

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 98

	VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
LOCATION NUMBER = 1146 UNIT = 0 PLANT DANIEL RAIL TRACKS											
ACCOUNT 311											
GROUP 5 Through Retirement Date of Unit											
	1986	239,892	2031	45.8	11.5	32.5	22,538	0	66,212	192,880	5,758
	1985	3,373	2031	48.8	14.5	32.5	233	0	1,828	3,455	79
	1981	24,165	2031	50.8	16.5	32.5	1,441	0	7,968	16,196	462
	1986	1,121	2031	51.8	17.5	32.5	120	0	788	1,413	42
	1979	1,824	2031	52.8	18.5	32.5	120	0	2,979	1,824	161
	1977	2,444,832	2031	56.8	20.8	32.5	119,243	0	997,917	1,516,515	45,259
311 3		2,741,618		52.9	19.0	33.5	144,044	0	1,006,917	1,734,701	51,782
311 3		INTERIM NET SALVAGE Z = 0									
ACCOUNT 311		2,741,618		52.9	19.0	33.5	144,044	0	1,006,917	1,734,701	51,782
ACCOUNT 311		INTERIM NET SALVAGE Z = 0									
UNIT 0		2,741,618		52.9	19.0	33.5	144,044	0	1,006,917	1,734,701	51,782
UNIT 0		INTERIM NET SALVAGE Z = 0									
LOCATION	1146	2,741,618		52.9	19.0	33.5	144,044	0	1,006,917	1,734,701	51,782
1146		INTERIM NET SALVAGE Z = 0									

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 99

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUAL
LOCATION NUMBER = 1161 UNIT = 0 SCHERER CWN 12.52										
ACCOUNT 311										
GROUP 3 Through Retirement Date of Unit										
1996	683,430	2942	44.0	1.5	44.5	332	0	130,473	552,957	12,437
1987	683,430	2942	55.0	10.5	44.5	65,889	0	130,473	552,957	12,437
311 3	683,928		55.0	10.5	44.5	65,421	0	130,489	553,439	12,437
311 3	INTERIM NET SALVAGE X = 0									
ACCOUNT 311	683,928		55.0	10.5	44.5	65,421	0	130,489	553,439	12,437
ACCOUNT 311	INTERIM NET SALVAGE X = 0									
ACCOUNT 312										
GROUP 1 0 To 20 Year Service Life										
1996	268,784	2915	29.0	2.5	17.5	2,851	-769	139,496	4,487	256
1987	268,784	2987	29.0	10.5	9.5	25,505	-39,854	139,496	126,210	13,285
312 1	270,834		29.0	9.9	9.7	27,556	-40,625	140,157	130,697	13,841
312 1	INTERIM NET SALVAGE X = -15									
GROUP 2 21 To 35 Year Service Life										
1996	115,750	2931	35.0	1.5	35.5	2,891	-495	142	3,160	94
1996	115,750	2930	35.0	1.5	35.5	2,891	-495	142	3,160	94
1987	681,775	2922	35.0	10.5	24.5	27,512	-17,344	100,532	107,491	3,367
							-90,266	100,532	621,241	17,194

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 100

	VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUAL
312 2		729,835		35.0	6.6	25.6	105,817	-100,125	100,943	531,892	20,595
312 2		INTERIM NET SALVAGE Z = -15									
GROUP 3	36 To Retirement Date of Unit										
	1987	3,382,066	2942	55.0	10.5	44.5	322,102	0	645,667	2,736,399	61,492
312 3		3,382,066		55.0	10.5	44.5	322,102	0	645,667	2,736,399	61,492
312 3		INTERIM NET SALVAGE Z = 0									
ACCOUNT 312		4,373,735		45.7	9.6	35.5	455,275	-140,750	974,747	3,398,988	95,620
ACCOUNT 312		INTERIM NET SALVAGE Z = -3									
ACCOUNT 314											
GROUP 1	0 To 20 Year Service Life										
	1987	14,315	2987	20.0	10.5	9.5	1,363	-2,147	7,515	6,000	716
314 1		14,315		20.0	10.5	9.5	1,363	-2,147	7,515	6,000	716
314 1		INTERIM NET SALVAGE Z = -15									
GROUP 2	21 To 35 Year Service Life										
	1987	17,344	2922	35.0	10.5	24.5	1,652	-2,602	5,283	12,141	496
314 2		17,344		35.0	10.5	24.5	1,652	-2,602	5,283	12,141	496
314 2		INTERIM NET SALVAGE Z = -15									
GROUP 3	36 To Retirement Date of Unit										

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

16:12 Tuesday, April 15, 1997 101

	VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUMUL
	1987	63,153	2042	55.0	10.5	44.5	6,015	0	12,056	51,097	1,140
314 3		63,153		55.0	10.5	44.5	6,015	0	12,056	51,097	1,140
314 3		INTERIM NET SALVAGE Z = 0									
ACCOUNT 314		94,812		40.2	10.5	29.7	9,030	-4,749	24,776	70,038	2,360
ACCOUNT 314		INTERIM NET SALVAGE Z = -5									
ACCOUNT 315											
GROUP 3	36 To Retirement Date of Unit										
	1987	71,476	2042	55.0	10.5	44.5	6,807	0	13,645	57,831	1,300
315 3		71,476		55.0	10.5	44.5	6,807	0	13,645	57,831	1,300
315 3		INTERIM NET SALVAGE Z = 0									
ACCOUNT 315		71,476		55.0	10.5	44.5	6,807	0	13,645	57,831	1,300
ACCOUNT 315		INTERIM NET SALVAGE Z = 0									
UNIT 0											
		5,223,951		46.0	9.7	36.5	536,533	-153,499	1,143,655	4,080,296	111,725
UNIT 0		INTERIM NET SALVAGE Z = -3									
LOCATION 1161		5,223,951		46.0	9.7	36.5	536,533	-153,499	1,143,655	4,080,296	111,725
1161		INTERIM NET SALVAGE Z = -3									

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

16:12 Tuesday, April 15, 1997 102

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUMUL
LOCATION NUMBER = 1162 UNIT = 0 SCHERER COW 6.52										
ACCOUNT 310										
GROUP 3 36 To Retirement Date of Unit										
1996	219	2042	46.0	1.5	44.5	146	0	7	212	5
310 3	219		46.0	1.5	42.4	146	0	7	212	5
310 3	INTERIM NET SALVAGE Z = 0									
ACCOUNT 310	219		46.0	1.5	42.4	146	0	7	212	5
ACCOUNT 310	INTERIM NET SALVAGE Z = 0									
ACCOUNT 311										
GROUP 3 Through Retirement Date of Unit										
1995	280,154	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
1996	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
1997	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
1998	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
1999	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2000	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2001	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2002	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2003	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2004	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2005	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2006	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2007	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2008	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2009	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2010	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2011	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2012	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2013	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2014	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2015	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2016	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2017	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2018	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2019	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2020	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2021	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2022	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2023	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2024	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2025	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2026	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2027	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2028	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2029	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2030	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2031	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2032	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2033	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2034	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2035	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2036	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2037	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2038	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2039	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2040	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2041	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2042	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2043	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2044	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2045	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2046	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2047	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2048	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2049	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2050	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2051	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2052	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2053	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2054	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2055	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2056	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2057	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2058	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2059	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2060	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2061	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2062	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2063	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2064	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2065	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2066	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2067	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2068	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2069	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2070	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2071	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2072	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2073	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2074	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2075	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2076	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2077	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2078	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2079	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2080	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2081	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2082	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2083	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2084	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2085	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2086	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2087	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2088	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2089	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2090	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2091	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2092	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2093	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2094	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2095	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2096	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2097	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2098	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2099	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2100	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2101	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2102	1,913	2042	47.0	2.5	44.5	112,042	0	14,902	265,252	5,961
2103	1,913	2042	47.0	2.5	44.5	112,042	0			

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 103

	VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
ACCOUNT 311		10,056,646		59.2	13.1	44.5	767,200	0	2,464,127	7,592,519	170,616
ACCOUNT 311		INTERIM NET SALVAGE X = 0									

ACCOUNT 312

GROUP 1 0 To 20 Year Service Life

1994	5,815	2013	20.0	2	16.0	1,461	-876	1,010	6,797	291
1995	4,180	2014	20.0	3	11.2	1,461	-876	1,010	6,797	74
1996	2,545	2015	20.0	4	6.4	1,461	-876	1,010	6,797	128
1997	922	2016	20.0	5	2.9	1,461	-876	1,010	6,797	55
1998	180,750	2017	20.0	6	0.0	1,461	-876	1,010	6,797	5,037
1999	34,184	2018	20.0	7	0.0	1,461	-876	1,010	6,797	12,793
1982	375,867	2002	20.0	15.5	4.5	24,190	-54,260	290,477	84,590	10,793
312 1	540,467		20.0	13.4	0.0	40,266	-81,070	308,668	187,899	27,023
312 1	INTERIM NET SALVAGE X = -15									

GROUP 2 21 To 35 Year Service Life

1994	5,843	2014	35.0	3	16.0	3,095	-876	250	5,593	167
1995	41,720	2015	35.0	4	11.2	3,095	-876	250	5,514	1,125
1996	26,125	2016	35.0	5	6.4	3,095	-876	250	5,510	1,887
1997	11,493	2017	35.0	6	2.9	3,095	-876	250	5,445	1,445
1998	23,122	2018	35.0	7	0.0	3,095	-876	250	5,444	22
1999	5,114	2019	35.0	8	0.0	3,095	-876	250	5,444	644
1982	264,125	2012	35.0	18.0	0.0	25,134	-39,905	79,487	17,458	158
1983	3,184	2013	35.0	19.0	0.0	25,134	-39,905	79,487	4,817	7,485
1984	9,184	2014	35.0	20.0	0.0	25,134	-39,905	79,487	184,214	2,985
1985	2,729,647	2015	35.0	21.0	0.0	176,080	-497,344	1,298,667	54,770	77,972
312 2	3,315,626	35.0 12.2 20.7	271,700	-497,344	1,351,637	1,963,989	94,733			
312 2	INTERIM NET SALVAGE X = -15									

GROUP 3 36 To Retirement Date of Unit

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 104

	VIN	BALANCE 12/97	NET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
	1995	20,418	2042	47.0	2	44.5	0,247	0	1,097	19,521	439
	1996	138,888	2043	48.0	3	44.5	30,824	0	1,097	125,821	2,814
	1997	1,097	2044	49.0	4	44.5	187	0	1,097	17	17
	1998	347,347	2045	50.0	5	44.5	10	0	1,097	303,072	6,811
	1999	0	2046	51.0	6	44.5	53,417	0	1,097	0	0
	1982	110,780	2012	52.0	7	44.5	11	0	1,097	7,834	170
	1983	424,814	2013	53.0	8	44.5	11,000	0	1,097	39,861	2,842
	1984	79,230	2014	54.0	9	44.5	44,225	0	1,097	378,672	8,442
	1985	2,369,517	2015	55.0	10	44.5	152,859	0	1,097	1,757,253	1,360
312 3		3,535,528		57.4	11.2	44.5	316,001	0	794,047	2,740,681	61,590
312 3		INTERIM NET SALVAGE X = 0									

ACCOUNT 312		7,891,681		40.5	11.8	26.5	627,975	-876,414	2,529,052	4,062,549	183,346
ACCOUNT 312		INTERIM NET SALVAGE X = -8									

ACCOUNT 314

GROUP 2 21 To 35 Year Service Life

1989	4,533	2020	35.0	8	26.5	533	-680	1,101	3,432	130
1997	70,861	2021	35.0	9	26.5	6,572	-10,549	1,101	49,822	2,892
1998	53,932	2022	35.0	10	26.5	4,171	-8,545	1,101	39,822	1,892
1982	537,666	2017	35.0	15.0	19.5	34,668	-88,650	238,199	299,557	18,362
314 2	660,562		35.0	14.5	20.2	46,044	-160,284	281,944	306,610	19,103
314 2	INTERIM NET SALVAGE X = -15									

GROUP 3 36 To Retirement Date of Unit

1995	222	2042	47.0	2	44.5	89	0	12	210	5
1996	481	2043	48.0	3	44.5	87	0	12	418	10
1997	3,172	2044	49.0	4	44.5	600	0	12	4,343	40
1982	34,078	2012	54.0	9	44.5	3,798	0	6,347	29,731	668

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUMUL
1987	-75,412	2942	55.0	18.5	44.5	-7,188	0	-79,418	0	0
1984	48,248	2942	60.0	18.5	44.5	4,488	0	44,488	48,488	1,844
1982	584,438	2942	60.0	18.5	44.5	54,828	0	144,261	414,169	9,387
314 3	585,519		60.0	15.4	44.5	37,913	0	90,183	495,336	11,132
314 3	INTERIM NET SALVAGE Z = 0									
ACCOUNT 314	1,284,881		43.4	14.9	29.2	83,977	-100,284	372,127	881,954	38,235
ACCOUNT 314	INTERIM NET SALVAGE Z = -8									
ACCOUNT 315										
GROUP 2 21 To 35 Year Service Life										
1991	341,692	2926	55.0	6.5	28.5	52,568	-51,254	63,457	278,235	9,763
1990	5,234	2926	55.0	7.5	27.5	498	-785	1,122	4,116	150
1989	544	2926	55.0	8.5	26.5	-76	97	444	0	0
1987	-43,198	2926	55.0	10.5	24.5	-4,114	6,480	-43,198	0	0
1984	2,942	2926	55.0	12.5	21.5	188	-381	980	1,562	78
1982	-293,141	2917	55.0	15.5	19.5	-18,912	43,971	-293,141	0	0
315 2	12,488		34.8	8.4	28.4	38,382	-1,873	-271,426	283,911	9,986
315 2	INTERIM NET SALVAGE Z = -15									
GROUP 3 36 To Retirement Date of Unit										
1989	2,782	2942	53.0	8.5	44.5	324	0	441	2,211	52
1987	41,172	2942	53.0	9.5	44.5	3,968	0	3,417	37,759	178
1984	31,288	2942	53.0	10.5	44.5	3,728	0	2,874	28,772	750
1983	4,189	2942	53.0	11.5	44.5	2,116	0	1,278	23,998	539
1982	278,377	2942	53.0	12.5	44.5	17,972	0	71,966	206,411	6,643
315 3	367,624		59.8	14.2	44.5	25,825	0	90,304	277,320	6,232
315 3	INTERIM NET SALVAGE Z = 0									

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 166

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCUMUL
ACCOUNT 315	388,189		57.7	6.8	34.6	54,177	-1,873	-181,122	561,231	16,218
ACCOUNT 315	INTERIM NET SALVAGE Z = 0									
ACCOUNT 316										
GROUP 1 0 To 20 Year Service Life										
1995	1,681	2926	29.0	12.5	16.5	383	-237	386	1,225	79
1992	7,188	2926	29.0	13.5	15.5	1,944	-1,722	1,188	4,188	288
1989	7,188	2926	29.0	14.5	14.5	1,944	-1,722	1,188	4,188	288
1987	42,188	2926	29.0	15.5	13.5	1,944	-1,722	1,188	4,188	288
1984	42,188	2926	29.0	16.5	12.5	1,944	-1,722	1,188	4,188	288
1983	1,188	2926	29.0	17.5	11.5	1,188	-1,188	1,188	1,188	1,188
1982	117,237	2902	29.0	18.5	10.5	8,718	-17,442	77,442	38,778	5,888
1982	221,237	2902	29.0	19.5	9.5	14,273	-35,184	171,459	49,778	11,842
316 1	395,953		29.0	13.6	6.0	29,116	-99,393	278,851	128,182	28,838
316 1	INTERIM NET SALVAGE Z = -15									
GROUP 2 21 To 35 Year Service Life										
1994	6,968	2929	35.0	3.5	21.5	1,991	-1,945	697	4,271	199
1993	1,574	2929	35.0	4.5	20.5	1,574	-1,574	150	1,574	42
1992	-328,678	2929	35.0	5.5	19.5	-49,324	48,182	-328,678	0	0
1989	1,188	2929	35.0	7.5	17.5	1,188	-1,188	1,188	1,188	1,188
1988	1,188	2929	35.0	8.5	16.5	1,188	-1,188	1,188	1,188	1,188
1987	25,174	2929	35.0	9.5	15.5	2,517	-3,022	7,922	17,659	1,789
1984	48,174	2929	35.0	10.5	14.5	4,817	-18,229	29,389	41,824	1,789
1982	129,667	2917	35.0	12.5	12.5	8,342	-19,441	59,397	72,310	2,785
316 2	-84,281		35.0	2.8	21.2	-30,566	12,642	-227,429	143,148	6,754
316 2	INTERIM NET SALVAGE Z = -15									

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 109

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM BAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
1907	19,404,444	2022	35.0	10.5	24.5	1,855,461	-2,922,647	5,045,533	13,639,111	556,490
312 2	19,850,536		35.0	9.7	24.7	2,036,855	-2,977,561	5,060,417	13,982,121	567,172
312 2	INTERIM NET SALVAGE X = -15									
GROUP 3 36 To Retirement Date of Unit										
1997	370,000	2042	45.0	0.5	44.5	100,000	0	4,200	373,000	0,400
1998	24,993	2042	44.0	1.0	44.0	17,223	0	842	24,993	562
1999	-512,137	2042	43.0	1.5	44.5	-10,821	0	-312,137	0	0
1990	87,224	2042	42.0	2.0	44.0	10,821	0	11,966	78,020	1,600
1907	50,620,171	2042	55.0	10.5	44.5	5,583,555	0	11,192,651	47,455,520	1,065,967
312 3	50,807,533		54.9	10.2	44.5	5,753,526	0	10,090,200	47,909,533	1,076,615
312 3	INTERIM NET SALVAGE X = 0									
ACCOUNT 312	63,091,470		44.7	10.1	34.3	0,212,610	-3,642,592	19,094,156	63,997,322	1,065,457
ACCOUNT 312	INTERIM NET SALVAGE X = -4									
ACCOUNT 314										
GROUP 1 0 To 20 Year Service Life										
1907	427,073	2007	20.0	10.5	9.5	40,674	-44,061	224,213	202,060	21,354
314 1	427,073		20.0	10.5	9.5	40,674	-44,061	224,213	202,060	21,354
314 1	INTERIM NET SALVAGE X = -15									
GROUP 2 21 To 35 Year Service Life										
1907	1,775,054	2022	35.0	10.5	24.5	160,862	-265,950	531,916	1,241,138	50,659

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 110

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM BAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
314 2	1,775,054		35.0	10.5	24.5	160,862	-265,950	531,916	1,241,138	50,659
314 2	INTERIM NET SALVAGE X = -15									
GROUP 3 36 To Retirement Date of Unit										
1907	32,070,577	2042	55.0	10.5	44.5	3,054,341	0	6,122,565	25,948,012	583,101
314 3	32,070,577		55.0	10.5	44.5	3,054,341	0	6,122,565	25,948,012	583,101
314 3	INTERIM NET SALVAGE X = 0									
ACCOUNT 314	34,270,704		52.3	10.5	41.8	3,263,877	-330,019	6,870,694	27,392,010	685,214
ACCOUNT 314	INTERIM NET SALVAGE X = -1									
ACCOUNT 315										
GROUP 1 0 To 20 Year Service Life										
1994	5,370	2014	20.0	3.5	16.5	1,534	-806	940	4,430	260
1995	290	2015	19.0	4.0	15.0	42	-42	43	217	15
1907	625,771	2007	20.0	10.5	9.5	70,645	-123,066	433,530	392,261	41,209
315 1	631,421		20.0	10.4	9.5	60,241	-124,713	434,533	390,000	41,571
315 1	INTERIM NET SALVAGE X = -15									
GROUP 2 21 To 35 Year Service Life										
1991	19,894	2000	35.0	4.0	20.0	2,960	-2,090	3,583	15,711	551
1992	234	2002	34.0	5.0	19.0	27	-30	69	185	7
1907	5,520,429	2022	35.0	10.5	24.5	525,755	-628,064	1,456,129	3,064,300	157,727
315 2	5,539,977		35.0	10.5	24.5	525,750	-630,997	1,459,781	3,080,196	150,225
315 2	INTERIM NET SALVAGE X = -15									

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 111

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
GROUP 3 36 To Retirement Date of Unit										
1988	615	2942	54.0	9.5	44.5	65	0	100	507	11
1987	1,541,121	2942	55.0	10.5	44.5	146,775	0	294,214	1,246,907	28,020
315 3	1,541,736		55.0	10.5	44.5	146,850	0	294,322	1,247,414	28,031
315 3	INTERIM NET SALVAGE Z = 0									
ACCOUNT 315	7,913,134		34.7	10.5	24.2	755,829	-955,710	2,300,636	5,524,490	227,007
ACCOUNT 315	INTERIM NET SALVAGE Z = -12									
ACCOUNT 316										
GROUP 1 0 To 20 Year Service Life										
1987	49,065	2007	20.0	10.5	9.5	4,673	-7,360	25,759	23,306	2,453
316 1	49,065		20.0	10.5	9.5	4,673	-7,360	25,759	23,306	2,453
316 1	INTERIM NET SALVAGE Z = -15									
GROUP 2 21 To 35 Year Service Life										
1987	834,171	2022	35.0	10.5	24.5	79,445	-125,126	250,251	543,920	23,833
316 2	834,171		35.0	10.5	24.5	79,445	-125,126	250,251	543,920	23,833
316 2	INTERIM NET SALVAGE Z = -15									
GROUP 3 36 To Retirement Date of Unit										
1995	12,903	2042	47.0	2.5	44.5	5,161	0	606	12,217	275

GULF POWER COMPANY
PRODUCTION PLANT
FORECAST ANALYSIS
(HARMONIC WEIGHTED)
1997 DEPRECIATION STUDY

14:12 Tuesday, April 15, 1997 112

VIN	BALANCE 12/97	RET	ASL	AGE	ARL	AGE WEIGHT	INTERIM SAL	CALC. RESERVE	UNRECOVERED	ACCRUAL
1987	60,800	2042	55.0	10.5	44.5	6,476	0	12,902	55,018	1,236
316 3	80,903		53.5	7.0	44.5	11,637	0	13,660	67,235	1,511
316 3	INTERIM NET SALVAGE Z = 0									
ACCOUNT 316	966,139		34.7	10.1	24.3	95,755	-132,485	289,678	674,461	27,797
ACCOUNT 316	INTERIM NET SALVAGE Z = -14									
UNIT 3	146,130,762		46.6	10.3	36.3	14,223,243	-5,060,806	32,450,123	113,680,639	3,130,061
UNIT 3	INTERIM NET SALVAGE Z = -3									
LOCATION 1163	146,130,762		46.6	10.3	36.3	14,223,243	-5,060,806	32,450,123	113,680,639	3,130,061
1163	INTERIM NET SALVAGE Z = -3									

2. We are assuming that the information shown on pages 44-46 are survivors by vintage for the various retirement units comprising each of your various life strata categories.
 - a. Please describe how the surviving distributions were developed.
 - b. We are particularly troubled by the indication of negative survivors shown for Plant Crist Common, Account 312 (vintages 1995, 1981, and 1952). Surviving investment relates to that portion of the gross additions originally placed in a given vintage that is surviving or still in service today. Negative survivors would indicate negative original placements, which is not logical. We are just as concerned with those vintages showing survivors as small as \$1 or \$8 as shown in the distribution for the 35 year life strata category for 1972 and 1949. Please review this information and all other distributions that show negative or other questionable survivors for any given vintage.

RESPONSE

- a. Staff's assumption is correct. Gulf Power Company's Continuing Property Records (CPR) were the primary source of the surviving distributions used in the "Forecast Analysis". Mississippi Power Company's CPR was used for the generating units located at Plant Daniel. The CPR contains plant accounting data for each primary FERC account, subaccount (major systems), and retirement unit for each generating unit currently in-service. Amounts surviving for each retirement unit were developed by netting gross additions, retirements, adjustments and transfers--by vintage--included in Gulf's CPR. The retirement units were then categorized into Life Groups of zero-to-twenty years, 21-35 years, and 36 years through the expected retirement date of the plant. These retirement unit groupings were developed by Gulf's engineers and planners.

Staff Information Request
Docket No. 970643-EI
GULF POWER COMPANY
PRODUCTION PLANT
August 28, 1997
Item No. 2
Page 2 of 2

RESPONSE (Continued)

- b. Per Staff's request, we have reviewed the CPR source data as described in (2a) above and have found 319 instances (of 12,000 records) which have negative balances (represent less than 1% of the total investment in production facilities). These negative balances were created as a result of retirements, adjustments, and/or transfers being applied to a different retirement unit or location other than the original addition. For example the retirement may have been made out of one of the plant's specific CPR locations instead of out of the common CPR location. Although these negative balances do not appear logical, its inclusion in the overall balance of each accounts is necessary to reconcile to Gulf's balance sheet. Similarly, the small surviving balances, some of which are the result of rounding are immaterial and do not affect the overall depreciation rate estimate. Adjustments to the CPR are being made as needed.

3. Your proposal is to maintain depreciation rates at the total plant site level. Ideally, where large components of the investment have a remaining life foreseeably different from the average, there is an argument for separate rates. This might be by unit within the plant site, or for some major project that will retire substantial dollars before recovery. Our proposal will be to develop depreciation rates for each unit within each plant site.

RESPONSE

Gulf Power Company is indifferent to the application of a composite depreciation rate for each plant or rates by each unit within each plant site as long as Staff doesn't require additional accounting for the accumulated provision for depreciation. However, as illustrated in the Plant Crist example below, the application of a composite depreciation rate results in essentially the same amount of depreciation expense as applying individual rates by unit.

Plant Crist Example:

<u>Item</u>	<u>Investment @ 12-31-97</u>	<u>Rate</u>	<u>Accrual</u>
One Rate Crist:	<u>\$385,723,000</u>	3.5%	<u>\$13,500,305</u>
Separate Rates:			
Crist #1	\$2,212,050	3.1%	\$68,574
Crist #2	2,784,335	3.2%	89,099
Crist #3	5,933,741	3.2%	189,879
Crist #4	26,510,085	3.3%	874,832
Crist #5	25,093,962	3.4%	853,195
Crist #6	68,858,970	4.0%	2,754,359
Crist #7	102,624,118	3.6%	3,694,468
Crist Common	<u>151,705,739</u>	3.3%	<u>5,006,289</u>
	<u>\$385,723,000</u>		<u>\$13,530,695</u>
Rounding Difference (Less than 1%)			<u>\$30,390</u>

The company is concerned that Rule 25-6.04361, Subcategorization of Electric Plant for Depreciation Studies and Rate Design, may be interpreted to require a change in its accounting if depreciation rates are developed for each unit within each plant site. Item 4 of rule 25.6014 states "Depreciation reserve, plant activity data, gross salvage, and cost of removal, shall be

Staff Information Request
Docket No. 970643-EI
GULF POWER COMPANY
PRODUCTION PLANT
August 28, 1997
Item No. 3
Page 2 of 2

RESPONSE CONTINUED

maintained for each depreciation category for which a depreciation rate is to be developed". Item 5 of the same rule states "The following accounts and subaccounts (plant, unit, FERC Account and subcategories) shall be used in the design of depreciation rates." In accordance with the commission's rule, Gulf used subcategories in the design "emphasis added" of its proposed depreciation rates. Gulf develops "emphasis added" a composite depreciation rate for each generating location by combining the subcategories --including each unit-- into a single rate. Maintaining the accruals, book cost retired, removal cost, salvage, and other items for the accumulated provision for depreciation for additional accounts would be burdensome for the company especially with the advent of competition.

4. If any major overhauls are planned during the next four years (1998-2001), please provide a description of the overhaul including the work planned to be performed, any retirement units expected to be replaced as a direct result, and in what year(s) each overhaul is planned to take place. Please provide the January 1, 1998 estimated investment and reserve associated with the equipment currently planned for replacement during each overhaul.

RESPONSE

An overhaul is scheduled for Plant Smith Unit 2 in 1998. The outage will include a normal inspection on the turbine and generator stator. The generator rotor and exciter will be replaced during the outage at a cost of over \$2.5 million. The estimated investment at January 1, 1998 for the current in place equipment is: \$385,300. The estimated associated reserve at January 1, 1998 for this equipment is: \$348,300.

An overhaul is scheduled for Plant Smith Unit 1 in 1999. The outage will include a normal inspection on the turbine and generator stator. The generator rotor and exciter will be replaced during the outage at a cost of over \$2.5 million. The estimated investment at January 1, 1998 for the current in place equipment is: \$393,500. The estimated associated reserve at January 1, 1998 for this equipment is: \$344,900.

Staff Information Request
Docket No. 970643-EI
GULF POWER COMPANY
PRODUCTION PLANT
August 28, 1997
Item No. 5
Page 1 of 1

5. Please provide the reasoning behind the 7-year life extension for Plant Crist, Units 1-3.

RESPONSE

The seven year retirement date extension on Crist units 1-3 is based on the following factors: review of the last inspection report, the number of operating hours since the last inspection, the unit performance each time it is operated, the projected load factor and the equipment conditions found during routine maintenance. The units' mechanical condition warrants the retirement date extension. This screening approach, utilizing input from the plants and service company determined that retirement extension was an economically attractive action. The projected normal maintenance expenditures for the turbine generator and boiler are an economical approach to maintaining system capacity and thus the most advantageous decision for Gulf's customers.

6. Please provide the support for extending the estimated retirement date for Plant Daniel, Units 1 and 2, from 2012 and 2016 as shown in the last study to 2027 and 2031, respectively, as shown in the current study.

RESPONSE

The retirement dates for Plant Daniel, Units 1 and 2, were not 2012 and 2016 in the last study submitted by Gulf Power Company in 1993, but 2022 and 2026.

Gulf Power Company's proposed depreciation rate for Plant Daniel allocates its cost over the same life as currently being used by Mississippi Power Company, Plant Daniel's operator and joint owner, as filed in their 1995 depreciation study. (See attachments A & B).

The high cost of building new coal fired plants, the cost of capital and environmental siting restrictions are making efforts to increase generating plant life of great importance. The Daniel units were well constructed and designed to burn low sulfur coal and meet new clean air standards. The units have recently begun burning Powder River Basin fuel which increased their load factor to base load levels. The mechanical condition of the units along with the routine maintenance to the boilers support the estimated retirement date extension request.

Mississippi Power Company

**Depreciation Rate Study
At December 31, 1995**

ANALYSIS RESULTS
Steam Production Plant

Plant Daniel (MPC %)						
Item				1992	1995	Change
Retirement Dates:						
Unit	MW	Fuel Type	In-Serv.			
1	500	Coal/Oil	1977	2022	2027	5
2	500	Coal/Oil	1981	2026	2031	5
Life Span (Years):						
Unit 1				45	50	5
Unit 2				45	50	5
Total Investment				\$193,574,844	\$206,846,035	\$13,271,191
Allocated Reserve				\$89,671,146	\$77,568,133	\$7,896,987
Fossil Dismantlement Cost				\$14,255,000	\$15,987,000	\$1,732,000
Average Service Life				40.2	41.3	1.1
Average Remaining Life				27.9	27.8	(0.1)
Net Removal Cost %				8	10	2
Depreciation Rate %				2.59	2.63	0.04

Plant Eaton						
Item				1992	1995	Change
Retirement Dates:						
Unit	MW	Fuel Type	In-Serv.			
1	22.5	Gas/Oil	1945	2012	2012	0
2	22.5	Gas/Oil	1947	2012	2012	0
3	22.5	Gas/Oil	1949	2012	2012	0
Life Span (Years):						
Unit 1				67	67	0
Unit 2				65	65	0
Unit 3				63	63	0
Total Investment				\$10,559,433	\$11,352,705	\$793,272
Allocated Reserve				\$9,718,030	\$10,647,350	\$829,320
Fossil Dismantlement Cost				\$5,362,000	\$5,820,000	\$458,000
Average Service Life				41.7	37.8	(3.9)
Average Remaining Life				18.4	15.7	(2.7)
Net Removal Cost %				51	51	0
Depreciation Rate %				3.22	3.68	0.46

Staff Information Request
Docket No. 970643-EI
GULF POWER COMPANY
PRODUCTION PLANT
August 28, 1997
Item No. 7
Page 1 of 1

7. Please provide the rationale for extending the estimated retirement date for the Plant Daniel Rail Tracks from 2026, as given in the last study to 2031, as given in the current study.

RESPONSE

The Plant Daniel Rail Tracks are being recovered over the same life as Plant Daniel Unit 2.

Staff Information Request
Docket No. 970643-EI
GULF POWER COMPANY
PRODUCTION PLANT
August 28, 1997
Item No. 8
Page 1 of 1

8. Please provide the support for the three-year life span extension for the Plant Scholz Units 1 and 2.

RESPONSE

Existing units at Scholz already have regulatory approval, permits, etc. while the replacement of these existing units with new generation would require expensive and lengthy regulatory approval proceedings as well as large capital expenditures. The Scholz units are in sound mechanical condition. The retirement extension for the Scholz units is based on maintenance and replacement history, the projected load factor, and equipment conditions found during routine maintenance. These evaluations warrant the retirement date extension.

9. Please provide the support for extending the estimated retirement date for the Plant Smith Combustion Turbine from 2001, as shown in the last study, to 2006 as shown in the current study.

RESPONSE

The Smith combustion turbine retirement extension is based on the equipment condition. The A - engine will be refurbished in 1998. The B- engine was refurbished in 1990. Engine life after reconditioning is 8+ years. The fuel controls were refurbished in 1996. The generator and other auxiliary equipment are also in sound mechanical condition. The combination of the basic equipment condition and the routine maintenance warrant the life extension of the Smith Combustion Turbine. Gulf's customers benefit from extending the retirement date of the Smith Combustion turbine by the deferment of replacement generation and the associated capital costs.

Staff Information Request
Docket No. 970643-EI
GULF POWER COMPANY
FOSSIL DISMANTLEMENT
August 28, 1997
Item No. 10
Page 1 of 1

10. Are we correct that the dismantlement costs for Plant Daniel and Plant Scherer are based on 1993 and 1994 site specific cost studies escalated to year end 1997?

RESPONSE

Yes, Plant Daniel's latest site specific cost study was last compiled for Mississippi Power Company in 1993. The Plant Scherer site specific cost study was last compiled for Georgia Power Company in 1994. Both cost studies are updated to year end, 1997.

Staff Information Request
Docket No. 970643-EI
GULF POWER COMPANY
FOSSIL DISMANTLEMENT
August 28, 1997
Item No. 11
Page 1 of 1

11. How does the dismantling scope used in this current study differ from that used in previous studies?

RESPONSE

The only dismantling scope used in this current study that differs from that used in previous studies is the method of structural dismantling to the "pull down" method, which is further discussed in the answer to question 13 (below).

12. On page 1, Volume 1, of the Dismantlement Cost Study, the Company lists 5 items that have changed or updated since the last review. Please provide an explanation as to why these changes were made and why they should be considered appropriate.

RESPONSE

The following is a description of the five (5) items that have changed or updated since the last review was assimilated in 1992. All changes were made to reflect current conditions, pricing and technologies.

- (1) Escalation was applied to material, labor, subcontracting and other costs that are not changed by the other four items. Escalation should be applied to reflect current costs, not those of 1992.
- (2) The dismantlement cost studies have been adjusted for capital additions which did not previously exist at the time of the previous dismantlement study. As such, a cost estimate is included for the removal of these items. Our dismantlement scope provides for the complete removal of all plant and equipment located at the site. Therefore it is appropriate to include these new additions in the total cost estimate to dismantle the plant.
- (3) Gulf A&G (Administrative and General) and E&S (Engineering and Supervision) percentages were changed in the current study to reflect the standard percentages that The Southern Company uses to compile dismantlement cost studies. This change was necessary only for the Plant Crist, Smith, and Scholz studies. In the last dismantlement study the Plant Daniel and Plant Scherer A&G and E&S percentages were already applied at 1%. The amounts resulting from the application of 1% to the direct cost estimates of dismantling should be adequate to cover any Gulf specific A&G and E&S overheads that would be incurred with the "pull down" method of dismantlement.
- (4) The price of scrap for copper, aluminum and steel was changed to current market conditions. This process is appropriate to make the cost estimate as current as possible.

Staff Information Request
Docket No. 970643-EI
GULF POWER COMPANY
FOSSIL DISMANTLEMENT
August 28, 1997
Item No. 12
Page 2 of 2

RESPONSE CONTINUED

- (5) The "pull down method" is discussed in the answer to question 13 below.

13. Please explain what a "pull down" methodology in unit pricing entails and how it differs from a "reverse construction" methodology.

RESPONSE

The "pull down method" includes actually pulling the structures down and then using powerful metal shears to break down the scrap for ease of handling and site removal. This method is also used by other utilities in their dismantling studies, including at least one other Florida utility, and is also referred to as the "power shears" method. In contrast, the "reverse construction" method assumes taking the building or structure down in the reverse order of construction. This method uses more resources and therefore costs more. This is a change in scope to the most advanced and cost effective method of taking down structures.

Staff Information Request
Docket No. 970643-EI
GULF POWER COMPANY
FOSSIL DISMANTLEMENT
August 28, 1997
Item No. 14
Page 1 of 1

14. In the last study, a "reverse construction" methodology in unit pricing was assumed because "the Southern Company has not dismantled any fossil plants in the recent past." In the current study, the same reason is given for the Company to assume the "pull down" methodology. Please help us understand how the same reason can be the support for differing pricing methodologies.

RESPONSE

Due to our limited experience in actual dismantlement, the prior dismantlement study was prepared assuming a "reverse construction" methodology. Subsequent to the prior study we have researched other methods of dismantlement and concluded that a "pull down" method is more efficient, less costly, and requires less time to complete. The "pull down" method is the most prudent and beneficial method for our customers.

Staff Information Request
Docket No. 970643-EI
GULF POWER COMPANY
FOSSIL DISMANTLEMENT
August 28, 1997
Item No. 15
Page 1 of 1

15. In the last study, the Company applied an 8% engineering overhead cost percentage and a 2% administrative and general overhead percentage to the direct cost estimates of dismantling. In this current study, these overhead percentages have been reduced to 1%. Please explain the reasoning behind this change in overheads.

RESPONSE

Please see the response to question 12 (3).

16. Referring to Tab 9 of the Depreciation Study, on page 1, Assumption 2, the Company indicates that costs will be incurred the year after each unit's retirement date and during the year after the plant's retirement date. Beginning on page 3, the Company has begun the first year of dismantlement in the same year as the retirement date. Why shouldn't the dismantlement process be assumed to begin in the year following the retirement of the plant?

RESPONSE

The first twelve months of dismantlement activity begins immediately following the unit's retirement. The retirement is assumed to occur in the mid-year, not end of year. Therefore the first year's dismantlement period will begin in the same calendar year.

Staff Information Request
Docket No. 970643-EI
GULF POWER COMPANY
FOSSIL DISMANTLEMENT
August 28, 1997
Item No. 17
Page 1 of 1

17. Referring to Tab 9, page 14, please explain why dismantlement begins two years after the retirement date of the Plant Scherer Common facilities?

RESPONSE

The two year delay anticipates retirement of the last unit (#4) at Plant Scherer. Although Gulf has no ownership in Unit 4, dismantlement of certain common facilities cannot commence until the last unit is retired.

Staff Information Request
Docket No. 970643-EI
GULF POWER COMPANY
FOSSIL DISMANTLEMENT
August 28, 1997
Item No. 18
Page 1 of 1

18. In the Tab 9 "Fossil Dismantlement", on Schedule 2, the Column "L" is titled "Avg. Mult.". Please explain how this average multiplier is derived.

RESPONSE

The average multiplier is derived by compounding column (K) 1998 Annual Expense by column (J) Average Inflation Rate for four years; summing the compounded balance for each year; averaging this sum; and finally dividing the average by the column (K) 1998 Annual Expense. The detail of this calculation is included with response to request item #20.

19. Referencing the Schedule 2 specified in question 18 above, please provide a narrative explanation based on Plant Crist, Unit 1, to spell out all steps from Column C, Cost Estimate 12/31/97, through Column M, Four Year Average Expense.

RESPONSE

- Column (C) Cost Estimate ties to the Gulf Power Company Fossil Plant Dismantling Cost Study filed with Gulf Power Company's depreciation study. Specifically, for Crist Unit 1, see vol. 1, section 8.0, Crist Unit 1 Summary Level Report, page 2.
- Column (D) Each Expenditure Date is based on each unit's retirement date beginning in the same year as the retirement and two years after. In the case of Crist 1, the years are 2011, 2012 and 2018. The last unit to retire at Plant Crist is in the year 2018. The unit retirement is listed at each component subtotal for labor disposal and scrap to calculate recovery by the unit's final retirement date.
- Column (E) Expenditure Amount apportions the cost components to expenditure years as noted in the Depreciation Study, Section 9, page 1, Assumptions 1 and 2.
- Column (F) The appropriate compound multiplier for each component and year is pulled from Schedule 3 (Escalation Rates).
- Column (G) The Future Cost Estimate is simply Column (E) times Column (F).
- Column (H) Allocated Reserve is an allocation of each unit's dismantlement reserve to the labor, disposal and scrap components based on the future cost estimate. Each unit's dismantlement reserve is brought forward and updated from the prior study using the previously approved dismantlement accrual amount.
- Column (I) Unrecovered Cost is simply Column (G) less Column (H).

RESPONSE CONTINUED

- Column (J) The Average Inflation Rate is derived by a Lotus 1-2-3 financial @ function (@RATE) using the future value (col. G), the present value (col. E) and the term (the present to the unit retirement date). It is the average inflation rate included in the analysis of future value using the escalation rates discussed in column F.
- Column (K) 1998 Annual Expense is calculated by formula to bring the remaining life accrual based on unrecovered future value (through 2011) back to 1998 or current dollars.
- Column (L) See request item #18.
- Column (M) Annual Expense (K) times Average Multiplier (L) to derive average expense for the next four years. Expense increases each year by the average inflation rate.

20. Please provide the following schedules on disk:

- a. Schedule 2: Annual Fossil Dismantlement Cost - Levelized Expense Calculation.
- b. Schedule 3: Escalation Rates - "Review of the U. S. Economy" February 1997 - 25 Year Forecast.

RESPONSE

- a. Schedule 2: Annual Fossil Dismantlement Cost - Levelized Expense Calculation is included on the enclosed disk. The worksheet file tab for this schedule is labeled "detail".
- b. Schedule 3: Escalation rates - "Review of the U.S. Economy" February 1997 - 25 Year Forecast is included on the enclosed disk. The worksheet file tab for this schedule is labeled "DRI Indices".

Staff Information Request
Docket No. 970643-EI
GULF POWER COMPANY
TRANSMISSION PLANT
August 28, 1997
Item No. 21
Page 1 of 1

21. Regarding the investment in Account 350, Easements and Rights of Way, Gulf states: "Easements and Land Rights are intangible costs and should not have a life of greater than 40 years." It is not clear why the accounting category of "intangible cost" would limit the life of these assets. Please clarify the Company's rationale behind the limitation of a 40-year maximum life for this investment. Also, please provide current the age distribution for the surviving investment in this account.

RESPONSE

The cost for most depreciable Easements and Rights of Way are for contracts which are essentially held in perpetuity or until the Company ultimately removes its line or substation from that location. As such, these costs are intangible in nature. In accordance with APB #17, "Intangible Assets" should be amortized over their useful life not to exceed 40 years. The age distribution for the surviving investment in this account is attached. (See attachments A through C).

Rpt Id: D220R007

Depreciation Analysis System
Arthur Andersen & Co.

May 13, 1997
11:15:49 AM

**DEPRECIATION RESERVE
BROAD GROUP METHOD**

Company Name: GULF POWER COMPANY

Project Name: 350

Date of Study: 1997

Curve: SQ - 40.0

Salvage NO

Truncation? NO

ASSET
350 LAND & LAND RIGHTS

Subaccount

INST YEAR	ORIG COST SURVIVING (\$)	ASL	NET SALVAGE (%)	ANNUAL ACCRUAL (NET \$)	EXPEC- TANCY	RESERVE RATIO (NET)	CALC RESERVE (NET \$)
1926	21,776	40.0	0.0	544	0.5	0.9875	21,504
1927	624	40.0	0.0	16	0.5	0.9875	616
1928	7,582	40.0	0.0	180	0.5	0.9875	7,467
1930	4,026	40.0	0.0	101	0.5	0.9875	3,976
1942	31,231	40.0	0.0	761	0.5	0.9875	30,841
1943	32,117	40.0	0.0	803	0.5	0.9875	31,716
1944	43,206	40.0	0.0	1,080	0.5	0.9875	42,066
1945	11,784	40.0	0.0	285	0.5	0.9875	11,637
1946	1,672	40.0	0.0	42	0.5	0.9875	1,651
1947	1,055	40.0	0.0	26	0.5	0.9875	1,042
1948	150	40.0	0.0	4	0.5	0.9875	148
1949	130,669	40.0	0.0	3,267	0.5	0.9875	129,055

D220R007

Page 1

May 13, 1997

<u>INST YEAR</u>	<u>ORIG COST SURVIVING (\$)</u>	<u>ASL</u>	<u>NET SALVAGE (%)</u>	<u>ANNUAL ACCRUAL (NET \$)</u>	<u>EXPEC- TANCY</u>	<u>RESERVE RATIO (NET)</u>	<u>CALC RESERVE (NET \$)</u>
1950	21,879	40.0	0.0	547	0.5	0.9875	21,608
1951	75,381	40.0	0.0	1,885	0.5	0.9875	71,439
1952	121,503	40.0	0.0	3,038	0.5	0.9875	119,984
1953	186,275	40.0	0.0	4,857	0.5	0.9875	183,947
1954	51,578	40.0	0.0	1,280	0.5	0.9875	50,933
1955	32,508	40.0	0.0	813	0.5	0.9875	32,100
1956	97,880	40.0	0.0	2,447	0.5	0.9875	96,637
1957	20,817	40.0	0.0	515	0.5	0.9875	20,359
1958	88,818	40.0	0.0	1,721	0.5	0.9875	87,958
1959	93,326	40.0	0.0	2,333	1.5	0.9825	89,826
1961	276,551	40.0	0.0	6,914	3.5	0.9125	252,353
1962	179,487	40.0	0.0	4,487	4.5	0.8875	159,295
1963	93,257	40.0	0.0	2,331	5.5	0.8625	80,434
1964	342,847	40.0	0.0	8,571	6.5	0.8375	287,134
1965	149,192	40.0	0.0	3,730	7.5	0.8125	121,219
1966	284,591	40.0	0.0	7,115	8.5	0.7875	224,115
1967	456,316	40.0	0.0	11,408	9.5	0.7625	347,941
1968	823,431	40.0	0.0	20,586	10.5	0.7375	607,280
1969	15,462	40.0	0.0	387	11.5	0.7125	11,017
1970	33,747	40.0	0.0	844	12.5	0.6875	23,201
1971	284,725	40.0	0.0	6,818	13.5	0.6625	175,380
1972	202,982	40.0	0.0	5,075	14.5	0.6375	129,401
1973	739,809	40.0	0.0	18,490	15.5	0.6125	453,011
1974	811,034	40.0	0.0	20,276	16.5	0.5875	476,483
1975	863,647	40.0	0.0	21,591	17.5	0.5625	485,801
1976	59,832	40.0	0.0	1,498	18.5	0.5375	32,180
1977	8,495	40.0	0.0	212	19.5	0.5125	4,354
1978	183,518	40.0	0.0	4,588	20.5	0.4875	89,465
1979	173,848	40.0	0.0	4,346	21.5	0.4625	80,404
1980	57,443	40.0	0.0	1,436	22.5	0.4375	25,131
1981	145,815	40.0	0.0	3,845	23.5	0.4125	60,149
1982	83,878	40.0	0.0	2,097	24.5	0.3875	32,503
1983	1,413	40.0	0.0	35	25.5	0.3625	512
1984	99,111	40.0	0.0	2,478	26.5	0.3375	33,450

May 13, 1997

Page 3

D220R007

TOTAL P.04

INST YEAR	ORIG COST SURVIVING (B)	ASL	NET SALVAGE (C)	ANNUAL ACCRUAL (NET \$)	EXPEC- TANCY	RESERVE RATIO (NET)	CALC RESERVE (NET \$)
1988	1,188,985	40.0	0.0	29,725	30.5	0.2375	282,394
1989	74,825	40.0	0.0	1,871	31.5	0.2125	15,900
1990	31,898	40.0	0.0	800	32.5	0.1875	5,998
1991	40,403	40.0	0.0	1,010	33.5	0.1625	6,566
1992	38,847	40.0	0.0	971	34.5	0.1375	5,342
1993	52,970	40.0	0.0	1,324	35.5	0.1125	5,959
1995	225	40.0	0.0	6	37.5	0.0625	14
1996	685,810	40.0	0.0	17,146	38.5	0.0375	25,718
SUM	9,519,949			238,004			5,580,204

ACCRUAL RATE: 2.5
RESERVE RATIO: 58.6
CALCULATED REMAINING LIFE: 16.6

Staff Information Request
Docket No. 970643-EI
GULF POWER COMPANY
TRANSMISSION PLANT
August 28, 1997
Item No. 22
Page 1 of 1

22. For Account 359, Roads and Trails, there is a footnote on page 20 of Tab 6 which states: "The investment in this account should be depreciated over a life not exceeding 40 years (similar to easements)." The tabulation of results on that page shows an average service life of 50 years. Please resolve the inconsistent presentation, and provide the age distribution for the surviving investment in this account.

RESPONSE

In Tab 7, page 24, the life used to develop the depreciation rate is 40 years. Tab 6, page 20 has been corrected (see attachment A). Also attached is the age distribution for this account (see attachment B & C).

ANALYSIS RESULTS
Depreciable Property

Account 359 Roads and Trails			
Item	FPSC Approved	Est. 1997	Change
Investment	\$52,176	\$52,000	(\$176)
Iowa Curve	SQ	SQ	
Average Service Life	75	40	(35)
Theoretical Reserve	\$14,732	\$29,980	\$15,248
Book Reserve	\$13,234	\$16,000	\$2,766
Reserve Variance	(\$1,498)	(\$13,980)	(\$12,482)
Reserve Ratio	25.36%	30.77%	
Gross Salvage	0%	0%	0%
Removal Cost	0%	0%	0%
Net Removal Cost	0%	0%	0%
Avg. Whole Life Rate	1.3%	2.5%	1.2%
AWL Expense (1997)	\$676	\$1,300	\$624
Average Remaining Life	54.0	17.0	(37.0)
ARL Rate	1.4%	4.1%	2.7%
ARL Expense (1997)	\$728	\$2,132	\$1,404

The investment in this account should be depreciated over a life not exceeding 40 years (similar to easements).

Rpt Id: D220R007

Depreciation Analysis System
Arthur Andersen & Co.

May 14, 1997
9:59:03 AM

**DEPRECIATION RESERVE
BROAD GROUP METHOD**

Company Name: GULF POWER COMPANY

Project Name: 359

Date of Study: 1997

Curve: SQ -40.0

Salvage 0.0

Truncation? NO

Account
359 ROADS & TRAILS

Subaccount

INST YEAR	ORIG COST SURVIVING (\$)	ASL	NET SALVAGE (%)	ANNUAL ACCRUAL (NET \$)	EXPEC- TANCY	RESERVE RATIO (NET)	CALC RESERVE (NET \$)
1926	1,168	40.0	0.0	29	0.5	0.9875	1,153
1927	93	40.0	0.0	2	0.5	0.9875	92
1929	1,563	40.0	0.0	39	0.5	0.9875	1,544
1942	208	40.0	0.0	5	0.5	0.9875	205
1944	2,368	40.0	0.0	59	0.5	0.9875	2,339
1945	360	40.0	0.0	9	0.5	0.9875	356
1946	266	40.0	0.0	7	0.5	0.9875	262
1947	1,018	40.0	0.0	26	0.5	0.9875	1,005
1952	216	40.0	0.0	5	0.5	0.9875	213
1975	20,283	40.0	0.0	507	17.5	0.5625	11,415
1979	24,453	40.0	0.0	611	21.5	0.4625	11,310
1980	150	40.0	0.0	4	22.5	0.4375	66

D220R007

Page 1

May 14, 1997

INST YEAR	ORIG COST SURVIVING (\$)	ASL SALVAGE (%)	NET SALVAGE (%)	ANNUAL ACCRUAL (NET \$)	EXPEC- TANCY	RESERVE RATIO (NET)	CALC RESERVE (NET \$)
--------------	-----------------------------	--------------------	--------------------	-------------------------------	-----------------	---------------------------	-----------------------------

SUM	52,177			1,303			29,980
-----	--------	--	--	-------	--	--	--------

ACCRUAL RATE: 2.5
 RESERVE RATIO: 57.5
 CALCULATED REMAINING LIFE: 17.0

D220R007

Page 2

May 14, 1997

23. a. For the Account 361 Structures and Improvements in the Distribution Function, Gulf proposes to retain the average service life of 40 years. However, for the Account 352, Structures and Improvements in the Transmission Function, Gulf proposes to increase the average service life from 40 years to 45 years. Is the proposed change based entirely on statistical analysis of the retirement record for Account 352?
- b. Is there any notable difference between the types of structures in the Distribution Function as compared to those in the Transmission Function?

RESPONSE

- a. No, the change is also based on the use and life expected for its related equipment account (A/C 353).
- b. Yes. Distribution substation structures undergo more frequent changes to accommodate growth and changing customer needs. For instance, Gulf has retired almost all its 12/4KV distribution substations in the past few years. Transmission substations are built for larger capacities and the related structures will generally last as long as the substation is in service.

24. For Account 368, Line Transformers, a footnote states: "Both the prior study and the current study provided some indication that the life should be increased....".
- a. Is Gulf referring entirely to statistical implication derived from analysis of retirement history?
 - b. Has Gulf recognized any change in the characteristics or performance of the line transformers related to this investment? In other words, can the Company relate the proposed increase to any recognized characteristic or change in characteristic pertaining to this type of equipment?
 - c. Please provide the age distribution for the surviving investment in this account. SPR results are shown, but no survivor information was given in the original filing.

RESPONSE

- a. No. The SPR analyses of both studies indicated an increase to 29 years to be appropriate. Additionally, company engineering input was considered.
- b. Historically the statistically derived life of this account has indicated a need to increase the average service life. One notable change is the conversion to the exclusive use of stainless steel transformers in all beach areas which contributes to the increased length in average service life for this group.
- c. Simulated Plant Record (SPR) is used for unaged mass distribution accounts (364 to 373) at Gulf Power Company. Vintage retirements are not maintained for mass property accounts and consequently vintage survivors (age distribution) are available only as simulated by the curve and life chosen. We will provide this run, but want to emphasize it's a simulation and only ties to Gulf's records in total. Any change in the life or curve assumption will change the age distribution. (See attachment A through C).

**DEPRECIATION RESERVE
BROAD GROUP METHOD**

Company Name: GULF POWER COMPANY
 Project Name: 368
 Date of Study: 1997
 Curve: S0 - 29.0
 Salvage 0.0
 Truncation? NO

Account
 368 LINE TRANSFORMERS

Subaccount

INST YEAR	ORIG COST SURVIVING (\$)	ASL	NET SALVAGE (%)	ANNUAL ACCRUAL (NET \$)	EXPEC- TANCY	RESERVE RATIO (NET)	CALC RESERVE (NET \$)
1940	32	29.0	0.0	1	0.5	0.9828	32
1941	263	29.0	0.0	9	0.6	0.9793	258
1942	134	29.0	0.0	5	0.9	0.9690	130
1943	408	29.0	0.0	14	1.3	0.9552	390
1944	1,280	29.0	0.0	44	1.8	0.9379	1,201
1945	4,076	29.0	0.0	141	2.0	0.9310	3,795
1946	5,059	29.0	0.0	175	2.5	0.9138	4,623
1947	16,285	29.0	0.0	562	2.8	0.9035	14,714
1948	12,177	29.0	0.0	420	3.2	0.8897	10,834
1949	12,432	29.0	0.0	429	3.5	0.8793	10,932
1950	27,801	29.0	0.0	952	4.0	0.8621	23,795
1951	44,828	29.0	0.0	1,539	4.2	0.8552	38,166

<u>INST YEAR</u>	<u>ORIG COST SURVIVING (\$)</u>	<u>ASL</u>	<u>NET SALVAGE (%)</u>	<u>ANNUAL ACCRUAL (NET \$)</u>	<u>EXPEC- TANCY</u>	<u>RESERVE RATIO (NET)</u>	<u>CALC RESERVE (NET \$)</u>
1952	57,009	29.0	0.0	1,966	4.7	0.8379	47,768
1953	73,725	29.0	0.0	2,542	5.2	0.8207	60,506
1954	79,675	29.0	0.0	2,747	5.5	0.8104	64,569
1955	81,795	29.0	0.0	2,821	6.0	0.7931	64,872
1956	138,955	29.0	0.0	4,792	6.3	0.7826	108,774
1957	219,965	29.0	0.0	7,585	6.7	0.7690	169,153
1958	258,836	29.0	0.0	8,925	7.0	0.7586	196,353
1959	222,310	29.0	0.0	7,666	7.5	0.7414	164,821
1960	291,106	29.0	0.0	10,038	7.8	0.7310	212,799
1961	302,981	29.0	0.0	10,448	8.3	0.7138	216,268
1962	279,306	29.0	0.0	9,631	8.7	0.7000	195,514
1963	290,403	29.0	0.0	10,014	9.2	0.6828	198,287
1964	326,497	29.0	0.0	11,259	9.7	0.6655	217,284
1965	427,359	29.0	0.0	14,737	10.0	0.6552	280,006
1966	492,896	29.0	0.0	16,966	10.5	0.6379	314,418
1967	497,440	29.0	0.0	17,153	10.8	0.6276	312,193
1968	684,619	29.0	0.0	23,608	11.4	0.6069	415,495
1969	801,250	29.0	0.0	27,629	11.7	0.5966	478,026
1970	975,335	29.0	0.0	33,632	12.2	0.5793	565,012
1971	1,231,724	29.0	0.0	42,473	12.6	0.5655	696,540
1972	1,383,151	29.0	0.0	47,695	13.1	0.5483	758,382
1973	1,723,368	29.0	0.0	59,427	13.7	0.5276	909,249
1974	1,931,850	29.0	0.0	66,609	14.1	0.5138	992,482
1975	1,338,369	29.0	0.0	46,151	14.6	0.4966	684,634
1976	1,250,686	29.0	0.0	43,127	15.0	0.4828	603,831
1977	1,798,752	29.0	0.0	62,026	15.6	0.4621	831,203
1978	1,948,632	29.0	0.0	67,194	16.0	0.4483	873,572
1979	2,532,653	29.0	0.0	87,333	16.6	0.4276	1,082,962
1980	2,768,966	29.0	0.0	95,482	17.0	0.4138	1,145,798
1981	3,532,846	29.0	0.0	121,822	17.6	0.3931	1,388,762
1982	3,721,402	29.0	0.0	128,324	18.2	0.3724	1,385,850
1983	7,307,147	29.0	0.0	251,971	18.7	0.3552	2,595,499
1984	10,892,533	29.0	0.0	375,605	19.4	0.3310	3,605,429
1985	1,655,064	29.0	0.0	57,071	19.9	0.3138	519,359

<u>INST YEAR</u>	<u>ORIG COST SURVIVING (\$)</u>	<u>ASL</u>	<u>NET SALVAGE (%)</u>	<u>ANNUAL ACCRUAL (NET \$)</u>	<u>EXPEC- TANCY</u>	<u>RESERVE RATIO (NET)</u>	<u>CALC RESERVE (NET \$)</u>
1986	5,881,351	29.0	0.0	195,219	20.5	0.2931	1,859,342
1987	6,495,986	29.0	0.0	224,000	21.1	0.2724	1,789,507
1988	2,348,089	29.0	0.0	80,988	21.7	0.2517	591,009
1989	4,889,337	29.0	0.0	168,598	22.3	0.2310	1,129,437
1990	5,931,798	29.0	0.0	204,545	23.0	0.2069	1,227,289
1991	4,818,885	29.0	0.0	166,168	23.7	0.1828	880,889
1992	7,925,346	29.0	0.0	273,288	24.4	0.1588	1,258,980
1993	6,393,018	29.0	0.0	220,449	25.2	0.1310	837,485
1994	7,888,289	29.0	0.0	271,320	25.9	0.1069	841,120
1995	7,367,075	29.0	0.0	254,037	26.8	0.0759	559,161
1996	5,853,043	29.0	0.0	201,829	27.6	0.0483	282,702
1997	8,427,000	29.0	0.0	290,586	28.5	0.0172	144,944
SUM	<u>125,821,955</u> =====			<u>4,331,797</u> =====			<u>33,624,385</u> =====

ACCRUAL RATE: 3.4
 RESERVE RATIO: 26.8
 CALCULATED REMAINING LIFE: 21.2

Staff Information Request
Docket No. 970643-EI
GULF POWER COMPANY
DISTRIBUTION PLANT
August 28, 1997
Item No. 25
Page 1 of 1

25. For Account 369.1, Overhead Services, the SPR results are included in the filing. Please provide an age distribution for current surviving investment as well.

RESPONSE

See attachment A through C.

Rpt Id: D220R007

Depreciation Analysis System
Arthur Andersen & Co.

Mar 17, 1997
5:23:16 PM

**DEPRECIATION RESERVE
BROAD GROUP METHOD**

Company Name: GULF POWER COMPANY

Project Name: 369.1 OH

Date of Study: 1997

Curve: L2 - 29.0

Salvage 0.0

Truncation? NO

Account
369 SERVICES

Subaccount
0001 OVERHEAD SERVICES

INST YEAR	ORIG COST SURVIVING (%)	ASL	NET SALVAGE (%)	ANNUAL ACCRUAL (NET \$)	EXPEC- TANCY	RESERVE RATIO (NET)	CALC RESERVE (NET \$)
1925	1	29.0	0.0	0	1.8	0.9379	1
1926	3	29.0	0.0	0	2.1	0.9276	3
1927	13	29.0	0.0	1	2.1	0.9276	12
1928	15	29.0	0.0	1	2.4	0.9172	14
1929	21	29.0	0.0	1	2.5	0.9136	19
1930	25	29.0	0.0	1	2.8	0.9035	23
1931	50	29.0	0.0	2	2.8	0.9035	45
1932	51	29.0	0.0	2	3.1	0.8931	46
1933	54	29.0	0.0	2	3.1	0.8931	48
1934	80	29.0	0.0	3	3.4	0.8828	71
1935	119	29.0	0.0	4	3.7	0.8724	104
1936	265	29.0	0.0	10	3.8	0.8690	248

D220R007

Page 1

Mar 17, 1997

<u>INST YEAR</u>	<u>ORIG COST SURVIVING (\$)</u>	<u>ASL</u>	<u>NET SALVAGE (%)</u>	<u>ANNUAL ACCRUAL (NET \$)</u>	<u>EXPEC- TANCY</u>	<u>RESERVE RATIO (NET)</u>	<u>CALC RESERVE (NET \$)</u>
1937	361	29.0	0.0	13	4.1	0.8586	310
1938	379	29.0	0.0	13	4.2	0.8552	324
1939	369	29.0	0.0	13	4.5	0.8448	312
1940	423	29.0	0.0	15	4.5	0.8448	357
1941	507	29.0	0.0	18	4.8	0.8345	423
1942	430	29.0	0.0	15	4.9	0.8310	357
1943	258	29.0	0.0	9	5.2	0.8207	210
1944	839	29.0	0.0	29	5.5	0.8104	680
1945	1,777	29.0	0.0	61	5.6	0.8069	1,434
1946	3,384	29.0	0.0	117	6.0	0.7931	2,684
1947	5,234	29.0	0.0	181	6.0	0.7931	4,151
1948	5,972	29.0	0.0	206	6.4	0.7793	4,654
1949	8,286	29.0	0.0	286	6.5	0.7759	6,429
1950	8,243	29.0	0.0	284	6.8	0.7655	6,310
1951	9,753	29.0	0.0	336	6.9	0.7621	7,433
1952	11,186	29.0	0.0	386	7.3	0.7483	8,371
1953	15,994	29.0	0.0	552	7.6	0.7379	11,802
1954	19,080	29.0	0.0	658	7.7	0.7345	14,014
1955	25,179	29.0	0.0	868	8.1	0.7207	18,147
1956	34,531	29.0	0.0	1,191	8.2	0.7172	24,766
1957	39,397	29.0	0.0	1,359	8.5	0.7069	27,850
1958	43,245	29.0	0.0	1,491	8.7	0.7000	30,272
1959	58,478	29.0	0.0	2,017	9.0	0.6897	40,332
1960	57,474	29.0	0.0	1,982	9.1	0.6862	39,439
1961	60,807	29.0	0.0	2,097	9.5	0.6724	40,887
1962	57,969	29.0	0.0	1,999	9.6	0.6690	38,781
1963	56,330	29.0	0.0	1,942	10.0	0.6552	36,907
1964	61,773	29.0	0.0	2,130	10.3	0.6448	39,831
1965	86,496	29.0	0.0	2,983	10.4	0.6414	55,479
1966	97,882	29.0	0.0	3,375	10.8	0.6276	61,431
1967	119,079	29.0	0.0	4,106	10.9	0.6241	74,317
1968	140,122	29.0	0.0	4,832	11.2	0.6138	86,007
1969	186,751	29.0	0.0	6,440	11.4	0.6069	113,339
1970	216,180	29.0	0.0	7,455	11.7	0.5968	128,973

<u>INST YEAR</u>	<u>ORIG COST SURVIVING (\$)</u>	<u>ASL</u>	<u>NET SALVAGE (%)</u>	<u>ANNUAL ACCRUAL (NET \$)</u>	<u>EXPEC- TANCY</u>	<u>RESERVE RATIO (NET)</u>	<u>CALC RESERVE (NET \$)</u>
1971	282,734	29.0	0.0	10,094	11.8	0.5931	173,621
1972	451,710	29.0	0.0	15,576	12.2	0.5793	261,676
1973	401,932	29.0	0.0	13,860	12.5	0.5690	228,699
1974	458,516	29.0	0.0	15,811	12.7	0.5621	257,732
1975	371,593	29.0	0.0	12,814	13.1	0.5483	203,745
1976	14,285	29.0	0.0	492	13.3	0.5414	7,723
1977	533,682	29.0	0.0	18,403	13.7	0.5276	281,571
1978	934,997	29.0	0.0	32,241	14.0	0.5172	483,580
1979	752,979	29.0	0.0	25,965	14.5	0.5000	376,490
1980	952,596	29.0	0.0	32,848	14.8	0.4897	466,486
1981	1,229,040	29.0	0.0	42,381	15.4	0.4690	576,420
1982	1,277,056	29.0	0.0	44,036	16.0	0.4483	572,504
1983	323,313	29.0	0.0	11,149	16.5	0.4310	139,348
1984	1,815,502	29.0	0.0	62,604	17.2	0.4069	738,728
1985	2,008,447	29.0	0.0	69,257	17.8	0.3862	775,662
1986	3,001,750	29.0	0.0	103,509	18.6	0.3586	1,076,426
1987	2,080,771	29.0	0.0	71,751	19.4	0.3310	688,735
1988	1,372,252	29.0	0.0	47,319	20.2	0.3035	416,479
1989	2,296,502	29.0	0.0	79,259	21.0	0.2759	634,157
1990	1,985,340	29.0	0.0	68,460	21.9	0.2448	486,011
1991	2,257,063	29.0	0.0	77,831	22.8	0.2138	482,564
1992	1,050,169	29.0	0.0	36,213	23.7	0.1828	191,971
1993	1,361,086	29.0	0.0	46,934	24.6	0.1517	206,477
1994	1,381,970	29.0	0.0	47,654	25.6	0.1172	161,967
1995	1,066,670	29.0	0.0	36,782	26.5	0.0862	91,947
1996	898,234	29.0	0.0	30,974	27.5	0.0517	46,439
1997	1,958,000	29.0	0.0	67,517	28.5	0.0172	33,678
SUM	33,965,072			1,171,220			10,968,485
	=====			=====			=====

ACCRUAL RATE: 3.4
 RESERVE RATIO: 32.4
 CALCULATED REMAINING LIFE: 19.6

Staff Information Request
Docket No. 970643-EI
GULF POWER COMPANY
DISTRIBUTION PLANT
August 28, 1997
Item No. 26
Page 1 of 1

26. Please provide an age distribution for current surviving investment in Account 373, Street Lighting and Signal System.

RESPONSE

See attachment A through B.

DEPRECIATION RESERVE
BROAD GROUP METHOD

Company Name: GULF POWER COMPANY
 Project Name: 373
 Date of Study: 1997
 Curve: R1 - 15.0
 Salvage 0.0
 Truncation? NO

Account
 373 STREET LIGHTS & SIGNALS

Subaccount

INST YEAR	ORIG COST SURVIVING (\$)	ASL	NET SALVAGE (%)	ANNUAL ACCRUAL (NET \$)	EXPEC- TANCY	RESERVE RATIO (NET)	CALC RESERVE (NET \$)
1968	183	15.0	0.0	12	0.5	0.9867	177
1969	1,631	15.0	0.0	109	0.6	0.9800	1,566
1970	4,575	15.0	0.0	305	0.9	0.9400	4,301
1971	7,587	15.0	0.0	506	1.2	0.9200	6,980
1972	12,924	15.0	0.0	862	1.5	0.9000	11,632
1973	31,006	15.0	0.0	2,067	1.8	0.8800	27,265
1974	36,672	15.0	0.0	2,445	2.1	0.8600	31,538
1975	38,888	15.0	0.0	2,593	2.4	0.8400	32,666
1976	9,323	15.0	0.0	622	2.8	0.8133	7,582
1977	92,454	15.0	0.0	6,184	3.2	0.7867	72,734
1978	114,539	15.0	0.0	7,636	3.5	0.7667	87,617
1979	170,387	15.0	0.0	11,359	3.9	0.7400	126,066

<u>INST YEAR</u>	<u>ORIG COST SURVIVOR (G \$)</u>	<u>ASL</u>	<u>NET SALVAGE (%)</u>	<u>ANNUAL ACCRUAL (NET \$)</u>	<u>EXPEC- TANCY</u>	<u>RESERVE RATIO (NET)</u>	<u>CALC RESERVE (NET \$)</u>
1980	239,707	15.0	0.0	15,981	4.4	0.7067	169,401
1981	285,541	15.0	0.0	19,036	4.8	0.6800	194,168
1982	455,976	15.0	0.0	30,398	5.2	0.6533	297,889
1983	623,194	15.0	0.0	41,548	5.8	0.6133	382,205
1984	843,401	15.0	0.0	56,227	6.3	0.5800	489,173
1985	983,227	15.0	0.0	64,215	6.8	0.5467	526,596
1986	1,079,010	15.0	0.0	71,934	7.4	0.5067	546,734
1987	1,500,407	15.0	0.0	100,027	7.9	0.4733	710,143
1988	1,743,680	15.0	0.0	116,245	8.5	0.4333	755,537
1989	2,678,550	15.0	0.0	178,570	9.2	0.3867	1,035,795
1990	1,905,811	15.0	0.0	127,054	9.8	0.3467	660,745
1991	2,485,574	15.0	0.0	165,705	10.4	0.3067	762,326
1992	1,715,999	15.0	0.0	114,400	11.1	0.2800	446,160
1993	2,005,375	15.0	0.0	133,682	11.8	0.2133	427,747
1994	2,238,531	15.0	0.0	149,235	12.5	0.1667	373,163
1995	2,799,472	15.0	0.0	186,632	13.2	0.1200	335,937
1996	2,639,474	15.0	0.0	175,965	13.9	0.0733	193,473
1997	4,182,000	15.0	0.0	278,800	14.6	0.0267	111,659
SUM	30,905,098			2,080,342			8,829,215
	=====			=====			=====

ACCRUAL RATE: 6.7
 RESERVE RATIO: 28.6
 CALCULATED REMAINING LIFE: 10.7

Staff Information Request
Docket No. 970643-EI
GULF POWER COMPANY
GENERAL PLANT
August 28, 1997
Item No. 27
Page 1 of 1

27. In the information following tabulated Analysis Results for Account 390, Structures and Improvements, Gulf discusses the activity in this account and its implications. Limited retirement experience and little change since the last prescription are cited.

The Company then states the following conclusion: "Therefore, as long as the current prescribed rate is deemed appropriate, the remaining life should be adjusted by four years." Please explain the reasoning behind this conclusion.

RESPONSE

Four years have passed since the last study. As little has changed since then, the only changing variable is the age of the property, and consequently the average remaining life.

28. Gulf reports that its policy with respect to owning automobiles is changing. The Company now either rents vehicles or reimburses employees for the use of privately owned vehicles. The January 1, 1997 investment in autos is \$277,000, down from \$2.1 M in the prior study.

- a. When does the Company anticipate retiring the autos which currently remain in service?
- b. Please provide a current age distribution for the surviving investment in this account.

RESPONSE

- a. Gulf anticipates that all remaining automobiles will be retired from service by the end of 1998.
- b. See attachment A.

Gulf Power Company
Account 392-Autos Data
At 12/31/97

<u>V/Y</u>	<u>12/31/96 Surviving Balances</u>	<u>Estimated 1997 Retirements</u>	<u>Estimated 12/31/97 Surviving Balances</u>
1997	0		0
1996	0		0
1995	0		0
1994	0		0
1993	197,709		197,709
1992	20,091		20,091
1991	96,045	36,511	59,534
1990	24,405	24,405	0
1989	56,605	56,605	0
1988	13,680	13,680	0
1987	8,576	8,576	0
1986	0	0	0
1985	16,223	16,223	0
Total	<u><u>433,334</u></u>	<u><u>156,000</u></u>	<u><u>277,334</u></u>

Note: Because autos were determined to be fully depreciated at 12/31/97, 1997 retirement data was not loaded into the AADAS program for depreciation computations. The above begins with 12/31/96 vintage survivors and FIFOs 1997 estimated retirements to derive estimated 12/31/97 survivors.

29. Please provide a current age distribution for investment in the following accounts:

- a. Account 392.2, Light Trucks.
- b. Account 392.4, Trailers.

RESPONSE

- a. See attachment A through B.
- b. See attachment C through D.

**DEPRECIATION RESERVE
BROAD GROUP METHOD**

Company Name: GULF POWER COMPANY
 Project Name: 392.2
 Date of Study: 1997
 Curve: L3 -7.0
 Salvage 0.0
 Truncation? NO

Account

392 TRANSPORTATION EQUIP

Subaccount

0020 TRANSPORT EQ - LGT TRUCKS

INST YEAR	ORIG COST SURVIVING (\$)	ASL	NET SALVAGE (%)	ANNUAL ACCRUAL (NET \$)	EXPEC- TANCY	RESERVE RATIO (NET)	CALC RESERVE (NET \$)
1984	809	7.0	0.0	118	0.6	0.9143	740
1985	98,368	7.0	0.0	14,053	0.9	0.8714	85,718
1987	188,290	7.0	0.0	26,613	1.3	0.8143	151,696
1988	151,871	7.0	0.0	21,696	1.6	0.7714	117,153
1989	391,889	7.0	0.0	55,984	1.8	0.7429	291,134
1990	334,972	7.0	0.0	47,853	2.0	0.7143	239,271
1991	424,301	7.0	0.0	60,614	2.2	0.6857	290,943
1992	281,890	7.0	0.0	40,270	2.5	0.6429	181,227
1993	242,453	7.0	0.0	34,636	3.0	0.5714	138,538
1994	345,524	7.0	0.0	49,361	3.7	0.4714	162,880
1995	332,481	7.0	0.0	47,497	4.6	0.3429	114,008
1996	297,543	7.0	0.0	42,506	5.5	0.2143	63,764

INST YEAR	ORIG COST SURVIVING (S)	ASL	NET SALVAGE (M)	ANNUAL ACCRUAL (NET S)	EXPEC- TANCY	RESERVE RATIO (NET)	CALC RESERVE (NET S)
1997	677,000	7.0	0.0	98,714	6.5	0.0714	48,338
SUM	3,765,391			537,913			1,885,410

ACCRUAL RATE: 14.3
 RESERVE RATIO: 50.1
 CALCULATED REMAINING LIFE: 3.5

Rpt Id: D220R007

Depreciation Analysis System
Arthur Andersen & Co.

Mar 26, 1997
9:20:37 AM

**DEPRECIATION RESERVE
BROAD GROUP METHOD**

Company Name: GULF POWER COMPANY

Project Name: 382.4

Date of Study: 1997

Curve: S1 - 18.0

Salvage 0.0

Truncation? NO

Account
392 TRANSPORTATION EQUIP

Subaccount
0040 TRANSPORT EQUIP -TRAILERS

INST YEAR	ORIG COST SURVIVING (B)	ASL	NET SALVAGE (B)	ANNUAL ACCRUAL (NET \$)	EXPEC- TANCY	RESERVE RATIO (NET)	CALC RESERVE (NET \$)
1949	1,492	18.0	0.0	83	0.5	0.9722	1,451
1955	700	18.0	0.0	39	0.5	0.9722	681
1956	1,851	18.0	0.0	103	0.5	0.9722	1,800
1967	3,231	18.0	0.0	180	1.5	0.9167	2,962
1970	2,029	18.0	0.0	113	2.4	0.8667	1,759
1971	4,858	18.0	0.0	270	2.7	0.8500	4,129
1972	1,246	18.0	0.0	69	3.1	0.8278	1,033
1974	1,490	18.0	0.0	83	3.8	0.7889	1,176
1976	2,690	18.0	0.0	149	4.4	0.7556	2,025
1978	8,505	18.0	0.0	473	5.1	0.7167	6,096
1979	11,293	18.0	0.0	627	5.6	0.6869	7,780
1980	13,319	18.0	0.0	740	6.0	0.6667	8,860

D220R007

Page 1

Mar 26, 1997

INST YEAR	ORIG COST SURVIVING (%)	ASL	NET SALVAGE (%)	ANNUAL ACCRUAL (NET \$)	EXPEC- TANCY	RESERVE RATIO (NET)	CALC RESERVE (NET \$)
1981	47,484	18.0	0.0	2,638	6.5	0.6389	30,338
1982	56,670	18.0	0.0	3,259	6.9	0.6167	36,182
1983	50,764	18.0	0.0	2,820	7.4	0.5989	29,095
1984	15,632	18.0	0.0	869	7.9	0.5611	8,771
1985	24,503	18.0	0.0	1,361	8.3	0.5389	13,205
1986	35,986	18.0	0.0	1,969	8.9	0.5056	18,186
1987	45,677	18.0	0.0	2,538	9.5	0.4722	21,569
1988	189,563	18.0	0.0	10,532	10.1	0.4389	63,206
1989	4,604	18.0	0.0	256	10.6	0.4000	1,842
1990	130,489	18.0	0.0	7,249	11.5	0.3611	47,120
1991	40,769	18.0	0.0	2,285	12.2	0.3222	13,136
1992	87,870	18.0	0.0	4,882	13.0	0.2778	24,410
1993	118,951	18.0	0.0	6,582	13.8	0.2333	27,681
1994	123,367	18.0	0.0	6,854	14.7	0.1833	22,613
1995	94,078	18.0	0.0	5,227	15.6	0.1333	12,541
1996	16,071	18.0	0.0	883	16.5	0.0833	1,339
1997	135,000	18.0	0.0	7,500	17.5	0.0278	3,753
SUM	1,271,896			70,663			435,571

ACCRUAL RATE: 5.6
 RESERVE RATIO: 34.2
 CALCULATED REMAINING LIFE: 11.8