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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

ENVIRONMENTAL COST RECOVERY CLAUSE

DOCKET NO. 030007-EI

PREPARED DIRECT TESTIMONY AND EXHIBIT OF SUSAN D. RITENOUR

TRUE-UP FILING FOR THE PERIOD

JANUARY 2002 – DECEMBER 2002

APRIL 1, 2003



03036 APR-18

FPSC-COMMISSION OF FRK

1		GULF POWER COMPANY
2		Before the Florida Public Service Commission
3		Direct Testimony and Exhibit of Susan D. Ritenour
4		Docket No. 030007-EI Date of Filing: April 1, 2003
5	Q.	Please state your name, business address and
6		occupation.
7	A.	My name is Susan Ritenour. My business address is One
8		Energy Place, Pensacola, Florida 32520. I hold the
9		position of Assistant Secretary and Assistant
10		Treasurer for Gulf Power Company. In this position, I
11		am responsible for supervising the Rates and
12		Regulatory Matters Department.
13		
14	Q.	Please briefly describe your educational background
15		and business experience.
16	Α.	I graduated from Wake Forest University in
17		Winston-Salem, North Carolina in 1981 with a Bachelor
18		of Science Degree in Business and from the University
19		of West Florida in 1982 with a Bachelor of Arts Degree
20		in Accounting. I am also a Certified Public
21		Accountant licensed in the State of Florida. I joined
22		Gulf Power Company in 1983 as a Financial Analyst.
23		Prior to assuming my current position, I have held
24		various positions with Gulf including Computer

1		Modeling Analyst, Senior Financial Analyst, and
2		Supervisor of Rate Services.
3		My responsibilities include supervision of:
4		tariff administration, cost of service activities,
5		calculation of cost recovery factors, the regulatory
6		filing function of the Rates and Regulatory Matters
7		Department and various treasury activities.
8		
9	Q.	Have you prepared an exhibit that contains information
10		to which you will refer in your testimony?
11	Α.	Yes, I have.
12		Counsel: We ask that Ms. Ritenour's Exhibit
13		consisting of 8 schedules be marked as
14		Exhibit No(SDR-1).
15		
16	Q.	Are you familiar with the Environmental Cost Recovery
17		Clause (ECRC) True-up Calculation for the period of
18		January through December 2002 set forth in your
19		exhibit?
20	Α.	Yes. These documents were prepared under my
21		supervision.
22		
23	Q.	Have you verified that to the best of your knowledge
24		and belief the information contained in these
25		documents is correct?

1 Α. Yes, I have.

2

- What is the amount to be refunded or collected in the 3 Q. 4 recovery period beginning January 2004?
- 5 Α. An amount to be refunded of \$229,600 was calculated 6 which is reflected on Line 3 of Schedule 1A of my 7 exhibit.

- 9 How was this amount calculated? Ο.
- 10 The \$229,600 to be refunded was calculated by taking Α. 11 the difference between the estimated January 2002 12 through December 2002 over-recovery of \$445,767 as 13 approved in Order No. PSC-02-1735-FOF-EI, dated
- 14 December 10, 2002 and the actual over-recovery of 15 \$675,367 which is the sum of lines 5, 6, and 10 on
- 16 Schedule 2A.

17

- 18 Please describe Schedules 2A and 3A of your exhibit. Q.
- 19 Α. Schedule 2A shows the calculation of the actual over-
- 20 recovery of environmental costs for the period January
- 21 2002 through December 2002. Schedule 3A of my exhibit
- 22 is the calculation of the interest provision on the
- over-recovery. "This is the same method of calculating 23
- 2.4 interest that is used in the Fuel Cost Recovery (FCR)

1		and Purchased Power Capacity Cost (PPCC) Recovery
2		clauses.
3		ı
4	Q.	Please describe Schedules 4A and 5A of your exhibit.
5	Α.	Schedule 4A compares the actual O & M expenses for the
6		period January 2002 through December 2002 with the
7		estimated/actual O & M expenses included in the
8		approved estimated true-up filed in conjunction with
9		the November 2002 hearing. Schedule 5A shows the
10		monthly O & M expenses by activity, along with the
11		calculation of jurisdictional O & M expenses for the
12		recovery period. Emission allowance expenses and the
13		amortization of gains on emission allowances are
14		included with O & M expenses. Mr. Vick describes the
15		main reasons for the variances in O & M expenses in
16		his true-up testimony.
17		
18	Q.	Please describe Schedules 6A and 7A of your exhibit.
19	Α.	Schedule 6A for the period January 2002 through
20		December 2002 compares the actual carrying costs
21		related to investment with the estimated/actual amount
22		included in the approved estimated true-up filed in
23		conjunction with the November 2002 hearing. The
24		recoverable costs include the return on investment,

25

depreciation expense, dismantlement accrual, and

1		property tax associated with each environmental
2		capital project for the recovery period. Recoverable
3		costs also include a return on working capital
4		associated with emission allowances. Schedule 7A
5		provides the monthly carrying costs associated with
6		each project, along with the calculation of the
7		jurisdictional carrying costs. Mr. Vick describes any
8		major variances in recoverable costs related to
9		environmental investment for this true-up period.
0		
1	Q.	Please describe Schedule 8A of your exhibit.
2	7\	Schedule 8% provides the monthly calculation of the

1

12 Schedule 8A provides the monthly calculation of the 13 recoverable costs associated with each capital project for the recovery period. As I stated earlier, these 14 15 costs include return on investment, depreciation expense, dismantlement accrual, property tax, and the 16 17 cost of emission allowances. Pages 1 through 17 of Schedule 8A show the investment and associated costs 18 related to capital projects, while page 18 shows the 19 20 investment and costs related to emission allowances.

21

22 Ms. Ritenour, does this conclude your testimony? 0.

23 Yes, it does. ..

24

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AFFIDAVIT

STATE OF FLORIDA

Docket No. 030007-El

COUNTY OF ESCAMBIA)

Before me the undersigned authority, personally appeared Susan D. Ritenour, who being first duly sworn, deposes, and says that she is the Assistant Secretary and Assistant Treasurer of Gulf Power Company, a Maine corporation, that the foregoing is true and correct to the best of her knowledge, information, and belief. She is personally known to me.

Susan D. Ritenour

Assistant Secretary and Assistant Treasurer

Sworn to and subscribed before me this <u>31st</u> day of <u>March</u>.

Notary Public, State of Florida at Large

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LINDA C. WEBB Notary Public-State of FL Comm. Exp: May 31, 2006 Comm. No: DD 110088

Schedule 1A

Gulf Power Company

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2002 - December 2002

<u>Line</u>	Period Amount(\$)
1 End of Period Actual Total True-Up for the Period	
January 2002 - December 2002	
(Schedule 2A, Line 5+6+10)	675,367
2 Estimated/Actual True-Up Amount approved for the period	od
January 2002 - December 2002	
(Order NO. PSC-02-1735-FOF-EI)	445,767
3 Final True-Up Amount to be refunded/(recovered) in the projection period January 2004 - December 2004	
(Lines 1 - 2)	229,600

Gulf Power Company
Environmental Cost Recovery Clause (ECRC) Calculation of the Final True-Up Amount January 2002 - December 2002

Current Period True-Up Amount (in Dollars)

<u>Line</u>	Actual January	Actual February	Actual <u>March</u>	Actual <u>Aprıl</u>	Actual <u>May</u>	Actual <u>June</u>	Actual <u>July</u>	Actual August	Actual September	Actual October	Actual <u>November</u>	Actual <u>December</u>	End of Period <u>Amount</u>
 ECRC Revenues (net of Revenue Taxes) True-Up Provision (Order No PSC-01-2463-FOF-EI) ECRC Revenues Applicable to Period (Lines 1 + 2) 	794,374 110,663 905,037	693,685 110,663 804,348	731,839 110.663 842,502	748,412 110,663 859,075	883,480 110,663 994,143	956,279 110,663 1,066,942	1,055,437 110,663 1,166,100	1,015,039 110,663 1,125,702	955,455 110,663 1,066,118	848,585 110,663 959,248	686,684 110,663 797,347	755,823 110,667 866,490	10,125,092 1,327,960 11,453,052
4 Jurisdictional ECRC Costs a O & M Activities (Schedule 5A, Line 9) b Capital Investment Projects (Schedule 7A, Line 9) c Total Jurisdictional ECRC Costs	107,862 676,997 784,859	692,063 675,670 1,367,733	71,399 674,831 746,230	121,077 676,997 798,074	247,821 682,061 929,882	159,833 698,069 857,902	124,536 700,326 824,862	105,684 697,753 803,437	64,874 696,045 760,919	301,437 695,570 997,007	145,560 693,181 838,741	399,040 690,486 1,089,526	2,541,186 8,257,986 10,799,172
5 Over/(Under) Recovery (Line 3 - Line 4c)	120,178	(563,385)	96,272	61,001	64,261	209,040	341,238	322,265	305,199	(37,759)	(41,394)	(223,036)	653,880
6 Interest Provision (Schedule 3A, Line 10)	2,253	1,750	1,258	1,213	1,134	1,174	1,400	1,703	2,014	2,015	1,561	1,110	18,585
 Beginning Balance True-Up & Interest Provision a Deferred True-Up from January 2000 - December 2000 (Order No. PSC-02-1735-FOF-EI) 	1,327,960 187,480	1,342,630 187,480	670,332 187,480	657,199 187,480	608,750 187.480	563,482 187,480	663,033 187,480	895,008 187,480	1,108.313 187,480	1,304,863 187,480	1,158,456 187,480	1,007,960 187,480	1,327,960 187,480
8 True-Up Collected/(Refunded) (see Line 2)	(110,663)	(110,663)	(110,663)	(110,663)	(110,663)	(110,663)	(110,663)	(110,663)	(110,663)	(110,663)	(110,663)	(110,667)	(1,327,960)
9 End of Period Total True-Up (Lines 5 + 6 + 7 + 7a + 8)	1,527,208	857,812	844,679	796,230	750,962	850,513	1,082,488	1,295,793	1,492,343	1,345,936	1,195,440	862,847	859,945
10 Adjustments to Period Total True-Up Including Interest O&M Changes per Audit *	2,902		·	· <u>-</u> .									2,902
11 Current Period Total Net True-Up (Lines 9 + 10) * Reduction to General Water Quality in November 2001	1,530,110	857,812	844,679	796,230	750,962	850,513	1,082,488	1,295,793	1,492,343	1,345,936	1,195,440	862,847	862,847

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<u>Gulf Power Company</u> Environmental Cost Recovery Clause (ECRC) Calculation of the Final True-Up Amount January 2002 - December 2002

Interest Provision

(in Dollars)

<u>Line</u>	Actual <u>January</u>	Actual February	Actual <u>March</u>	Actual <u>April</u>	Actual <u>May</u>	Actual <u>June</u>	Actual <u>July</u>	Actual <u>August</u>	Actual September	Actual October	Actual November	Actual <u>December</u>	End of Period <u>Amount</u>
1 Beg, True-Up Amount (Schedule 2A, Lines 7 + 7a +7b+ 10)	1,518,342	1,530,110	857,812	844,679	796,230	750,962	850,513	1,082,488	1,295,793	1,492,343	1,345,936	1,195,440	
2 Ending True-Up Amount Before Interest (Line 1 + Schedule 2A, Lines 5 + 8)	1,527,857	856,062	843,421	795,017	749,828	849,339	1,081,088	1,294,090	1,490,329	1,343,921	1,193,879	861,737	
3 Total of Beginning & Ending True-up (Lines 1 + 2)	3,046,199	2,386,172	1,701,233	1,639,696	1,546,058	1,600,301	1,931,601	2,376,578	2,786,122	2,836,264	2,539,815	2,057,177	
4 Average True-Up Amount (Line 3 x 1/2)	1,523,100	1,193,086	850,617	819,848	773,029	800,151	965,801	1,188,289	1,393,061	1,418,132	1,269,908	1,028,589	
5 Interest Rate (First Day of Reporting Business Month)	0 017800	0.017700	0.017500	0 018000	0 017500	0.017700	0.017500	0.017300	0.017100	0.017600	0.016500	0.013000	
6 Interest Rate (First Day of Subsequent Business Month)	0.017700	0.017500	0.018000	0.017500	0.017700	0.017500	0.017300	0.017100	0.017600	0.016500	0 013000	0.012900	
7 Total of Beginning and Ending Interest Rates (Line 5 + Line 6)	0.035500	0.035200	0.035500	0.035500	0.035200	0.035200	0.034800	0.034400	0.034700	0.034100	0.029500	0.025900	
8 Average Interest Rate (Line 7 x 1/2)	0.017750	0.017600	0.017750	0 017750	0.017600	0.017600	0.017400	0 017200	0 017350	0.017050	0,014750	0.012950	
9 Monthly Average Interest Rate (Line 8 x 1/12)	0.001479	0.001467	0.001479	0.001479	0 001467	0 001467	0.001450	0.001433	0.001446	0.001421	0.001229	0 001079	
10 Interest Provision for the Month (Line 4 x Line 9)	2,253	1,750	1,258	1,213	1,134	1,174	1,400	1,703	2,014	2,015	1,561	1,110	18,585

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Schedule 4A

Gulf Power Company

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2002 - December 2002

Variance Report of O & M Activities

(in Dollars)

		(1)	(2)	(3)	(4)	
			Estimated/	Va	riance	
<u>Lin</u>	<u>e</u>	Actual	Actual	<u>Amount</u>	Percent	
1	Description of O & M Activities					
	.1 Sulfur	35,819	55,000	(19,181)	(34.9) 9	%
	.2 Air Emission Fees	739,474	707,206	32,268	4.6	%
	.3 Title V	62,718	77,046	(14,328)	$(18.6)^{-9}$	%
	.4 Asbestos Fees	1,520	1,520	0	0.0	%
	.5 Emission Monitoring	480,413	547,402	(66,989)	(12.2) 9	%
	.6 General Water Quality	233,397	228,352	5,045	2.2	%
	.7 Groundwater Contamination Investigation	834,480	819,967	14,513	1.8 9	%
	.8 State NPDES Administration	8,105	7,513	592	7.9	%
	.9 Lead and Copper Rule	6,988	18,257	(11,269)	(61.7) 9	%
	.10 Env Auditing/Assessment	7,457	2,162	5,295	244.9	%
	.11 General Solid & Hazardous Waste	259,211	196,974	62,237	31.6 9	%
	.12 Above Ground Storage Tanks	31,807	17,396	14,411	82.8 9	%
	.13 Low Nox	958	0	958	100.0 %	%
	.14 Ash Pond Diversion Curtains	0	0	0	0.0 %	%
	.15 Mercury Emissions	0	0	0	0.0	%
	.16 Sodium Injection	50,486	59,586	(9,100)	(15.3) 9	%
	.17 Gulf Coast Ozone Study	20,349	21,605	(1,256)	(5.8) 9	%
	.18 SO2 Allowances	(142,324)	(150,136)	<u>7,812</u>	(5.2) 9	%
2	Total O & M Activities	<u>2,630,858</u>	<u>2,609,850</u>	21,008	0.8 %	%
3	Recoverable Costs Allocated to Energy	1,247,893	1,317,709	(69,816)	(5.3) %	%
4	Recoverable Costs Allocated to Demand	1,382,965	1,292,141	90,824	7.0 %	%

Notes:

Column (1) is the End of Period Totals on Schedule 5A

Column (2) is the approved Estimated/Actual amount in accordance with FPSC Order No. PSC-02-1735-FOF-EI

Column(3) = Column(1) - Column(2)

Column (4) = Column (3) / Column (2)

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Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2002 - December 2002

O & M Activities (in Dollars)

End of Actual Actual Actual Actual Actual Actual Actual Period Method of Classification Actual Actual Actual Actual Actual June July August September October November December 12-Month Demand Energy Line January February March April May 1 Description of O & M Activities 35,819 7,054 5.998 5,525 6,156 35.819 10,329 (334)Sulfur 1.091 124 374 739 474 739,474 .2 Air Emission Fees 615.100 10,241 4 754 6.251 5,542 5.874 62.718 62,718 .3 Title V 3.594 4.398 4,620 4,096 2,141 3.061 8,146 .4 Ashestos Fees 500 1.000 20 1.520 1.520 27.695 27.252 45.756 (8.095)62,895 36,904 85 325 32,798 124.073 480.413 480.413 Emission Monitoring 18,765 18,531 8 514 .5 39.968 233,397 233,397 14 582 10.971 7.513 17.042 19.214 10.877 26.054 9.998 46.748 26.252 General Water Quality 4.178 24,828 834,480 834,480 .7 Groundwater Contamination Investigation 11,984 13,382 220,146 49,479 46,700 29,121 66,145 160.867 86,276 107,494 18,058 8,105 8,105 7.574 12 250 .8 State NPDES Administration 13 250 6.988 118 3,036 59 119 353 6.988 129 705 .9 Lead and Copper Rule 2,466 413 15 9 7.559 (273)7.457 7.457 10 Env Auditing/Assessment 147 16,646 30,739 10.100 20,394 11.246 6,401 35,687 63,541 15.095 259,211 259.211 11 General Solid & Hazardous Waste 24,077 8,696 16,589 .12 Above Ground Storage Tanks 16,196 1.150 14,461 31,807 31,807 .13 Low Nox 3.083 (3,083)81 877 958 958 0 ٥ .14 Ash Pond Diversion Curtains 15 Mercury Emissions Λ 50,486 50,486 16 Sodium Injection 15.304 8,289 4,135 4,302 3,586 4,094 4,275 6,501 20,349 20,349 2,222 2,340 645 28 2,268 2.217 6,231 17 Gulf Coast Ozone Study 442 2.123 1.833 (12,145) (142, 324)(19,328)(19,160)(19,185)(19,270)(19,565)(19,942)(142,324) 18 SO2 Allowances (7,258)(7,057)(1,856)875 1,567 715.949 256.592 165.482 129.083 67,153 150,808 413.871 2.630.858 1.382.965 1.247.893 2 Total of O & M Activities 111.694 73,927 125,321 109,378 311.600 34.888 47.932 33.385 (9.932)51.743 28,160 204.279 26,220 137,567 1.247.893 Recoverable Costs Allocated to Energy 30.847 645.558 17,246 Recoverable Costs Allocated to Demand 90,433 208,660 132.097 139,015 57,635 38,993 107,321 124,588 276,304 1,382,965 80,847 70,391 56,681 0 9681736 0.9682646 0.9668420 0.9667508 0.9679181 0.9650989 0.9616660 Retail Energy Jurisdictional Factor 0 9659659 0 9654552 0 9668446 0 9675073 0.9677012 0.9650747 0.9650747 0.9650747 0 9650747 0.9650747 0.9650747 0 9650747 0 9650747 0.9650747 Retail Demand Jurisdictional Factor 0 9650747 0.9650747 0.9650747

32,350

127,483

159.833

(9.624)

134,160

124.536

50.062

55,622

105.684

27,243

37,631

64.874

197.864

103,573

301.437

25,323

120,237

145,560

132,386

266,654

399,040

1,206,522

1,334,664

2.541,186

16,698

54,701

71,399

624,130

67,933

692,063

29,839

78,023

107.862

33,802

87,275

121,077

46,449

201,372

247.821

Notes.

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9 Total Jurisdictional Recoverable Costs

Jurisdictional Energy Recoverable Costs (A)

for O & M Activities (Lines 7 + 8)

8 Jurisdictional Demand Recoverable Costs (B)

⁽A) Line 3 x Line 5 x line loss multiplier

⁽B) Line 4 x Line 6

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2002 - December 2002

Variance Report of Capital Investment Projects - Recoverable Costs (in Dollars)

		(1)	(2) Estimated/	(3)	(4) Variance	
<u>Lin</u>	<u>e</u>	Actual	Actual	<u>Amount</u>	Percent	
1	Description of Investment Projects					
	.1 Air Quality Assurance Testing	5,905	6,047	(142)	(2.3)	%
	.2 Crist 5, 6 & 7; Precipitator Projects	2,908,838	2,908,838	0	0.0	%
	.3 Crist 7 Flue Gas Conditioning	254,767	254,767	0	0.0	%
	.4 Low NOx Burners, Crist 6 & 7	1,956,115	1,956,115	0	0.0	%
	.5 CEMS - Crist 1, 4-7, 6&7 Upgrade; Scholz 1; Smith 1 & 2; Daniel	720,364	718,703	1,661	0.2	%
	.6 Sub. Contam. Mobile Groundwater Treat. Sys.	115,425	115,427	(2)	(0.0)	%
	.7 Raw Water Well Flowmeters - Plants Crist & Smith	34,566	34,566	0	0.0	%
	.8 Crist Cooling Tower Cell	106,581	106,581	0	0.0	%
	.9 Crist 1-5 Dechlorination	37,362	37,362	0	0.0	%
	.10 Crist Diesel Fuel Oil Remediation	5,797	5,797	0	0.0	%
	.11 Crist Bulk Tanker Unload Sec Contain Struc	12,430	12,430	0	0.0	%
	.12 Crist IWW Sampling System	7,256	7,256	0	0.0	%
	.13 Smith Sodium Injection System	14,234	14,234	0	0.0	%
	.14 Smith Stormwater Collection System	333,873	333,873	0	0 0	%
	.15 Smith Waste Water Treatment Facility	20,426	20,426	0	0.0	%
	.16 Daniel Ash Management Project	1,994,128	1,994,129	(1)	(0.0)	%
	.17 Smith Shield Water Project	6,723	6,725	(2)	(0.0)	%
	.18 Underground Fuel Tank Replacement	75,169	75,169	0	0.0	%
	.19 SO2 Allowances	(68,099)	(68,046)	<u>(53)</u>	(0.1)	%
2	Total Investment Projects - Recoverable Costs	<u>8,541,860</u>	8,540,399	<u>1,461</u>	0.0	%
3	Recoverable Costs Allocated to Energy	6,003,639	6,002,172	1,467	0.0	%
4	Recoverable Costs Allocated to Demand	2,538,221	2,538,227	(6)	(0.0)	%

Notes:

Column (1) is the End of Period Totals on Schedule 7A

Column (2) is the approved Estimated/Actual amount in accordance with FPSC Order No. PSC-02-1735-FOF-EI

Column(3) = Column(1) - Column(2)

Column (4) = Column (3) / Column (2)

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC) Calculation of the Final True-Up Amount January 2002 - December 2002

Capital Investment Projects - Recoverable Costs (in Dollars)

Lin	<u>e</u>	Actual January	Actual February	Actual March	Actual <u>April</u>	Actual <u>May</u>	Actual <u>June</u>	Estimated July	Actual <u>August</u>	Actual <u>September</u>	Actual October	Actual November	Actual <u>December</u>	End of Period <u>Amount</u>	Method of C	Classification Energy
I	Description of Investment Projects (A)															
	1 Air Quality Assurance Testing	243	243	243	245	249	261	494	726	726	786	844	845	5,905	0	5,905
	2 Crist 5, 6 & 7 Precipitator Projects	239,665	238,845	238,027	238,311	240,020	246,044	246,879	245,988	245,100	244,209	243,318	242,432	2,908,838	0	2,908,838
	3 Crist 7 Flue Gas Conditioning	20,899	20,837	20,771	20,813	20,984	21,565	21,655	21,588	21,517	21,449	21,378	21,311	254,767	0	254,767
	4 Low NOx Burners, Crist 6 & 7	160,139	159,680	159,220	159,576	160,993	165,616	166,397	165,899	165,397	164,899	164,400	163,899	1,956,115	0	1,956,115
	.5 CEMS - Crist 1, 4-7, 6&7 Upgrade; Scholz 1, Smith 1	59,061	59,395	59,268	59,469	59,058	59,782	60,103	59,816	59,958	60,657	61,455	62,342	720,364	0	720,364
	.6 Sub. Contam. Mobile Groundwater Treat Sys.	8,488	8,481	8,494	9,114	9,783	10,133	10,203	10,184	10,167	10,145	10,126	10,107	115,425	106,547	8,878
	.7 Raw Water Well Flowmeters - Plants Crist & Smith	2,811	2,804	2,798	2,807	2,837	2,930	2,948	2,941	2,933	2,926	2,919	2,912	34,566	31,907	2,659
	.8 Crist Cooling Tower Cell	8,750	8,724	8,698	8,712	8,782	9,020	9,056	9,027	8,996	8,969	8,937	8,910	106,581	98,383	8,198
	.9 Crist 1-5 Dechlorination	3,056	3,048	3,039	3,046	3,074	3,164	3,179	3,171	3,160	3,151	3,142	3,132	37,362	34,489	2,873
	10 Crist Diesel Fuel Oil Remediation	474	473	471	473	478	491	494	491	490	489	487	486	5,797	5,352	445
	11 Crist Bulk Tanker Unload Sec Contain Struc	1,017	1,014	1,011	1,014	1,023	1,053	1,058	1,054	1,052	1,048	1,045	1,041	12,430	11,474	956
	.12 Crist IWW Sampling System	594	591	59 i	591	598	614	618	615	614	612	610	608	7,256	6,699	557
	.13 Smith Sodium Injection System	1,156	1,153	1,151	1,155	1,168	1,207	1,214	1,211	1,209	1,206	1,203	1,201	14,234	0	14,234
	.14 Smith Stormwater Collection System	27,197	27,130	27,064	27,147	27,423	28,289	28,451	28,379	28,307	28,234	28,162	28,090	333,873	308,191	25,682
	15 Smith Waste Water Treatment Facility	1,665	1,662	1,657	1,662	1,678	1,731	1,740	1,735	1,731	1,726	1,722	1,717	20,426	18,856	1,570
	16 Daniel Ash Management Project	163,566	163,212	162,859	163,193	164,421	168,353	169,048	168,663	168,280	167,895	167,512	167,126	1,994,128	1,840,732	153,396
	.17 Smith Shield Water Project	546	544	544	545	552	570	574	573	571	569	569	566	6,723	6,205	518
	18 Underground Fuel Tank Replacement	6,437	6,394	6,353	6,320	6,301	6,320	6,289	6,244	6,196	6,151	6,105	6,059	75,169	69,386	5,783
	.19 SO2 Allowances	<u>(5,413)</u>	(4,992)	(4,596)	(4,627)	(4,720)	(5,865)	<u>(6,765)</u>	<u>(6,584)</u>	<u>(6,402)</u>	(6,220)	<u>(6,033)</u>	(5,882)	(68,099)	<u> </u>	(68,099)
2	Total Investment Projects - Recoverable Costs	700.351	699.238	697.663	699,566	704.702	721.278	723.635	<u>721.721</u>	720.002	718.901	717,901	716.902	8.541.860	2.538.221	6.003.639
3	Recoverable Costs Allocated to Energy	493,027	492,397	491,282	492,219	495,209	506,506	507,953	506,573	505,388	504,826	504,361	503,898	6,003,639		
4	Recoverable Costs Allocated to Demand	207,324	206,841	206,381	207,347	209,493	214,772	215,682	215,148	214,614	214,075	213,540	213,004	2,538,221		
5	Retail Energy Jurisdictional Factor	0.9659659	0.9654552	0.9668446	0.9675073	0.9677012	0.9681736	0.9682646	0.9668420	0 9667508	0.9679181	0.9650989	0.9616660			
6			0.9650747	**********	0.9650747	0.9650747	0 9650747	0.9650747	0.9650747	0 9650747	0.9650747	0.9650747	0.9650747			
-						,										
7	Jurisdictional Energy Recoverable Costs (B)	476,914	476,053	475,658	476,892	479,885	490,798	492,177	490,119	488,926	488,972	487,099	484,921	5,808,414		
8	Jurisdictional Demand Recoverable Costs (C)	200,083	199,617	199,173	200,105	202,176	<u>207,271</u>	208,149	207,634	207,119	206,598	206,082	205,565	2,449,572		
9	Total Jurisdictional Recoverable Costs															
	for Investment Projects (Lines 7 + 8)	676,997	675.670	674.831	676.997	682.061	698.069	700,326	<u>697.753</u>	696,045	695.570	693,181	690.486	8.257.986		

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 ⁽A) Reference Pages 1-18 of Schedule 8A Line 9 and Page 19 of Schedule 8A Line 6
 (B) Line 3 x Line 5 x Line loss multiplier

⁽C) Line 4 x Line 6

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2002 - December 2002

Return on Capital Investments, Depreciation and Taxes For Project: Air Quality Assurance Testing P.E.s 1006 & 1244 (in Dollars)

		Beginning of	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	End of
<u>me</u>	Description	Period Amount	<u>January</u>	February	March	April	<u>May</u>	June	<u>July</u>	<u>August</u>	September	October	<u>November</u>	<u>December</u>	Period Amount
I Investments	itures/Additions		0	0	0	٥	0	0	49,031	(23)	3	12,573	(81)	138	
	gs to Plant		23,439	0	0	0	0	0	4,502	(23)	0	12,3/3	(61)	138	
c Retireme			23.437	Ö	0	0	0	0	-,502	0	ő	Ů	Ô	0	
	Removal		ő	ŏ	0	Ö	ő	ŏ	0	0	ō	Ö	0	0	
e Salvage			0	0	0	0	Ô	0	0	0	0	0	ō	0	
	vice/Depreciation Base (B)	239,115	262,554	262,554	262,554	262,554	262,554	262,554	267,056	267,056	267,056	267,056	267,056	267,056	
	nulated Depreciation (C)	(239,115)	(239,115)	(239,115)	(239,115)	(239,115)	(239,115)	(239,115)	(239,115)	(239,115)	(239,115)	(239,115)	(239,115)	(239,115)	
CWIP - Non	Interest Bearing	27,941	4,502	4,502	4,502	4,502	4,502	4,502	49,031	49,008	49,011	61,584	61,503	61,641	
Net Investme	ent (Lines 2 - 3;+ 4)	27,941	27,941	27,941	27,941	27,941	27,941	27,941	76,972	76,949	76,952	89,525	89,444	89,582	
	_						*****				***				
Average Net	Investment		27,941	27,941	27,941	27,941	27,941	27,941	52,457	76,961	76,951	83,239	89,485	89,513	
Return on Av	verage Net Investment														
	Component Grossed Up For Ta	xes (D)	[6]	161	161	163	167	198	385	565	565	612	657	658	4,453
	omponent (Line 6 x Debt Comp		82	82	82	82	82	63	109	161	161	174	187	187	1,452
Investment E	•														
a Deprecia	, ,		0	0	0	0	0	0	0	0	0	0	0	0	0
b Amortiza	` '		0	0	0	0	0	0	0	0	0	0	0	~ 0	0
c Dismant			0	0	0	0	0	0	0	0	0	0	0	0	0
d Property			0	0	0	0	0	0	0	0	0	0	0	0	0
e Other (G	ί)		0	0		<u> </u>		0		0	0	0	0	. 0	0
Total System	n Recoverable Expenses (Lines	7 + 8)	243	243	243	245	249	261	494	726	726	786	844	845	5,905
	rable Costs Allocated to Energy		243	243	243	245	249	261	494	726	726		844		5,905
b Recover	rable Costs Allocated to Deman	ıd	0	0	0	0	0	0	0	0	0	0	0	0	0
	dictional Factor		0 9659659	0.9654552	0.9668446	0 9675073		0.9681736	0 9682646	0 9668420	0.9667508	0 9679181	0.9650989	0.9616660	
l Demand Juris	sdictional Factor		0.9650747	0 9650747	0.9650747	0 9650747	0.9650747	0 9650747	0 9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	
) Retail Energy	v-Related Recoverable Costs (I	-n	225	235	235	227	241	252	470	702	702	761	015	912	5,708
				233							702 N	/01 0			3,708
										<u>-</u>	702	761			5,708
e Other (G Total System a Recover: b Recover: C Energy Juriso Demand Juriso Retail Energy Retail Deman	Recoverable Expenses (Lines rable Costs Allocated to Energy rable Costs Allocated to Deman	d d (1)	243 0	243 0 0.9654552 0.9650747 235	243 0	245 0	249	261 0	494 0	726 0	726 726 0	786 786 0	0.9650989	0 845 845 0 0.9616660	

Notes:

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- (A) Description and reason for 'Other' adjustments to net investment for this project
- (B) Applicable beginning of period and end of period depreciable base by production plant names (s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) These monthly equity components grossed up for taxes were applicable: .5756% (Jan-Mar) .5823% (Apr) .5978% (May) .7073% (June) and 7347% (Jul-Dec). The approved ROE was 11 5% (Jan-Mar) and 12% (Apr-Dec) See Doc. 010949-EI
- (E) Applicable depreciation rate or rates.
- (F) 7 year amortization period
- (G) Description and reason for "Other' adjustments to investment expenses for this project
- (H) Line 9a x Line 10 x 1.0014 line loss multiplier for Jan May, 1.0008 for June, and 1.0007 for July Dec (Line loss factor changed as a result of Order No PSC-02-0787-FOF-EI in Doc. No. 010949-EI)
- (I) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2002 - December 2002

Return on Capital Investments, Depreciation and Taxes
For Project. Crist 5, 6 & 7 Precipitator Projects
P.E.s 1119, 1216, 1243
(in Dollars)

T	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual <u>May</u>	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Amount
Line	Investments Description	Period Amount	January	reducty	IVIALCII	April.	11147	<u>suire</u>	<u> 51117</u>	rugust	Ceptomber	0010001			
1	a Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	
	b Clearings to Plant		Ö	Ď	0	0	0	0	0	0	0	0	0	0	
	c Retirements		ŏ	Ô	0	0	0	0	0	0	0	0	0	0	
	d Cost of Removal		0	ō	0	0	0	0	0	0	0	0	0	0	
	e Salvage		Ö	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base (B)	24,440,825	24,440,825	24,440,825	24,440,825	24,440,825	24,440,825	24,440,825	24,440,825	24,440,825	24,440,825	24,440,825	24,440,825	24,440,825	
3	Less: Accumulated Depreciation (C)	(7,656,892)	(7,751,215)	(7,845,537)	(7,939,860)	(8,034,183)	(8,128,505)	(8,222,828)	(8,317,151)	(8,411,473)	(8,505,797)	(8,600,120)	(8,694,442)	(8,788,768)	
4	CWIP - Non Interest Bearing	0	0	0	0	O O	0	0	0	0	0	0	0	0	
·	Net Investment (Lines 2 - 3 + 4)	16,783,933	16,689,610	16,595,288	16,500,965	16,406,642	16,312,320	16,217,997	16,123,674	16,029,352	15,935,028	15,840,705	15,746,383	15,652,057	
-	The investment (Blief P P P)		,,							-					
6	Average Net Investment		16,736,772	16,642,449	16,548,127	16,453,804	16,359,481	16,265,159	16,170,836	16,076,513	15,982,190	15,887,867	15,793,544	15,699,220	
7	Return on Average Net Investment														
•	a Equity Component Grossed Up For Taxe	s (D)	96,337	95,794	95,251	95,811	97,797	115,043	118,807	118,114	117,421	116,728	116,035	115,342	1,298,480
	b Debt Component (Line 6 x Debt Compor		49,005	48,729	48,453	48,177	47,901	36,678	33,749	33,552	33,355	33,158	32,961	32,764	478,482
		,	,												
8	Investment Expenses														
-	a Depreciation (E)		79,433	79,432	79,433	79,433	79,432	79,432	79,433	79,432	79,433	79,433	79,432	79,434	953,192
	b Amortization (F)		0	0	0	Ð	0	0	0	0	0	0	0	_ 0	0
	c Dismantlement		14,890	14,890	14,890	14,890	14,890	14,891	14,890	14,890	14,891	14,890	14,890	14,892	178,684
	d Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	00
		-													
9	Total System Recoverable Expenses (Lines 7	+ 8)	239,665	238,845	238,027	238,311	240,020	246,044	246,879	245,988	245,100	244,209	243,318	242,432	2,908,838
	a Recoverable Costs Allocated to Energy		239,665	238,845	238,027	238,311	240,020	246,044	246,879	245,988	245,100	244,209	243,318	242,432	2,908,838
	b Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9659659	0 9654552	0.9668446	0.9675073	0 9677012	0.9681736	0 9682646	0.9668420	0 9667508	0.9679181	0.9650989	0.9616660	
11	Demand Jurisdictional Factor		0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0 9650747	0 9650747	0.9650747	0 9650747	
12	Retail Energy-Related Recoverable Costs (H)	1	231,832	230,917	230,457	230,890	232,593	238,413	239,212	237,998	237,116	236,540	234,990	233,302	2,814,260
13	Retail Demand-Related Recoverable Costs (I		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines		231,832	230,917	230,457	230,890	232,593	238,413	239,212	237,998	237,116	236,540	234,990	233,302	2,814,260

- (A) Description and reason for 'Other' adjustments to net investment for this project
- (B) Applicable beginning of period and end of period depreciable base by production plant names (s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) These monthly equity components grossed up for taxes were applicable: 5756% (Jan-Mar) .5823% (Apr) .5978% (May) .7073% (June) and 7347% (Jul-Dec). The approved ROE was 11.5% (Jan-Mar) and 12% (Apr-Dec) See Doc 010949-EI
- (E) 3.9% annually
- (F) Applicable amortization period
- (G) Description and reason for "Other' adjustments to investment expenses for this project
- (H) Line 9a x Line 10 x 1.0014 line loss multiplier for Jan. May, 1.0008 for June, and 1 0007 for July Dec. (Line loss factor changed as a result of Order No. PSC-02-0787-FOF-EI in Doc. No. 010949-EI)
- (I) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2002 - December 2002

Return on Capital Investments, Depreciation and Taxes For Project: Crist 7 Flue Gas Conditioning P.E. 1228 (in Dollars)

	D 1.0	Beginning of	Actual	Actual	Actual	Actual	Actual	Actual	Actual July	Actual	Actual	Actual	Actual November	Actual December	End of Period Amount
Line	<u>Description</u> Investments	Period Amount	January	<u>February</u>	<u>March</u>	April	<u>May</u>	June	July	August	<u>September</u>	<u>October</u>	November	December	renou Amount
1	a Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	
	b Clearings to Plant		Ô	ő	0	ō	0	0	0	0	0	0	0	0	
	c Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	
	e Salvage		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base (B)	2,179,245	2,179,245	2,179,245	2,179,245	2,179,245	2,179,245	2,179,245	2,179,245	2,179,245	2,179,245	2,179,245	2,179,245	2,179,245	
3	Less: Accumulated Depreciation (C)	(613,946)	(621,284)	(628,624)	(635,962)	(643,302)	(650,640)	(657,980)	(665,318)	(672,658)	(679,996)	(687,336)	(694,674)	(702,014)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	. 0	0	. 0	0	
5	Net Investment (Lines 2 - 3 + 4)	1,565,299	1,557,961	1,550,621	1,543,283	1,535,943	1,528,605	1,521,265	1,513,927	1,506,587	1,499,249	1,491,909	1,484,571	1,477,231	
6	Average Net Investment		1,561,630	1,554,291	1,546,952	1,539,613	1,532,274	1,524,935	1,517,596	1,510,257	1,502,918	1,495,579	1,488,240	1,480,901	
Ū	Average Net investment		1,501,050	1,334,271	1,540,752	1,557,015	1,552,274	1,524,555	1,517,550	1,510,251	1,502,710	1,175,577	1,100,210	1,100,701	
7	Return on Average Net Investment														
	a Equity Component Grossed Up For Tax	es (D)	8,989	8,946	8,904	8,965	9,160	10,786	11,150	11,096	11,042	10,988	10,934	10,880	121,840
	b Debt Component (Line 6 x Debt Compo	nent x I/12)	4,572	4,551	4,529	4,508	4,486	3,439	3,167	3,152	3,137	3,121	3,106	3,091	44,859
8	Investment Expenses														
۰	a Depreciation (E)		7,082	7,083	7,082	7,083	7.082	7,083	7,082	7,083	7,082	7,083	7,082	7,083	84,990
	b Amortization (F)		7,082	7,003	7,032	7,005	7,002	0,009	7,002	0	7,082	7,003	7,082	. 0	0-1,220
	c Dismantlement		256	257	256	257	256	257	256	257	256	257	256	257	3.078
	d Property Taxes		250	0	230	0	250	-0	0	207	0	0	0	23,	0
	e Other (G)		Ô	Õ	ő	ň	Ö	ñ	Õ	Ô	Ô	ñ	0	ő	Ď
	c one (o)	-											<u></u>		
9	Total System Recoverable Expenses (Lines 7	7 + 8)	20,899	20,837	20,771	20,813	20,984	21,565	21,655	21,588	21,517	21,449	21,378	21,311	254,767
	a Recoverable Costs Allocated to Energy	•	20,899	20,837	20,771	20,813	20,984	21,565	21,655	21,588	21,517	21,449	21,378	21,311	254,767
	b Recoverable Costs Allocated to Demand	1	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9659659	0 9654552	0.9668446	0 9675073	0.9677012	0.9681736	0 9682646	0.9668420	0.9667508	0 9679181	0.9650989	0.9616660	
11	Demand Jurisdictional Factor		0.9650747	0 9650747	0.9650747	0.9650747	0 9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	
12	Retail Energy-Related Recoverable Costs (H		20,216	20,145	20,110	20,165	20,335	20,896	20,982	20,887	20,816	20,775	20,646	20,508	246,481
13	Retail Demand-Related Recoverable Costs (I	<i>'</i>	0	0	0	00	0	0	0	0	0	0	. 0	00	0
14	Total Jurisdictional Recoverable Costs (Line	s 12 + 13)	20,216	20,145	20,110	20,165	20,335	20,896	20,982	20,887	20,816	20,775	20,646	20,508	246,481

- (A) Description and reason for 'Other' adjustments to net investment for this project
- (B) Applicable beginning of period and end of period depreciable base by production plant names (s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) These monthly equity components grossed up for taxes were applicable: .5756% (Jan-Mar) 5823% (Apr) .5978% (May) 7073% (June) and .7347% (Jul-Dec) The approved ROE was 11.5% (Jan-Mar) and 12% (Apr-Dec) See Doc. 010949-EI
- (E) 3.9% annually
- (F) Applicable amortization period
- (G) Description and reason for "Other' adjustments to investment expenses for this project
- (H) Line 9a x Line 10 x 1.0014 line loss multiplier for Jan. May, 1.0008 for June, and 1.0007 for July Dec. (Line loss factor changed as a result of Order No PSC-02-0787-FOF-EI in Doc No 010949-EI)
- (i) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2002 - December 2002

Return on Capital Investments, Depreciation and Taxes
For Project: Low NOx Burners, Crist 6 & 7
P E.s 1236 and 1242
(in Dollars)

Line	. Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual <u>August</u>	Actual September	Actual October	Actual November	Actual <u>December</u>	End of Period Amount
1	Investments														
	a Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	
	b Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	
	e Salvage		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base (B)	16,296,359	16,296,359	16,296,359	16,296,359	16,296,359	16,296,359	16,296,359	16,296,359	16,296,359	16,296,359	16,296,359	16,296,359	16,296,359	
3	Less: Accumulated Depreciation (C)	(3,928,081)	(3,981,044)	(4,034,007)	(4,086,970)	(4,139,933)	(4,192,897)	(4,245,859)	(4,298,822)	(4,351,786)	(4,404,748)	(4,457,711)	(4,510,675)	(4,563,638)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	11 001 (11	0	0	11 722 721	
5	Net Investment (Lines 2 - 3 + 4)	12,368,278	12,315,315	12,262,352	12,209,389	12,156,426	12,103,462	12,050,500	11,997,537	11,944,573	11,891,611	11,838,648	11,785,684	11,732,721	
6	Average Net Investment		12,341,797	12,288,834	12,235,871	12,182,908	12,129,944	12,076,981	12,024,019	11,971,055	11,918,092	11,865,130	11,812,166	11,759,203	
7	Return on Average Net Investment														247.000
	a Equity Component Grossed Up For Tax		71,039	70,735	70,430	70,941	72,513	85,420	88,340	87,951	87,562	87,173	86,784	86,395	965,283
	b Debt Component (Line 6 x Debt Compo	nent x 1/12)	36,137	35,982	35,827	35,672	35,516	27,234	25,094	24,984	24,873	24,763	24,652	24,541	355,275
8	Investment Expenses														
٠	a Depreciation (E)		52,963	52,963	52,963	52,963	52,964	52,962	52,963	52,964	52,962	52,963	52,964	52,963	635,557
	b Amortization (F)		0	0	0	0	0	0	0	. 0	. 0	. 0	0	_ 0	0
	c Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
												. ,2.2			
9	Total System Recoverable Expenses (Lines 7	7 + 8)	160,139	159,680	159,220	159,576	160,993	165,616	166,397	165,899	165,397	164,899	164,400	163,899	1,956,115
	a Recoverable Costs Allocated to Energy		160,139	159,680	159,220	159,576	160,993	165,616	166,397	165,899	165,397	164,899	164,400	163,899	1,956,115
	b Recoverable Costs Allocated to Demand	i	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9659659	0.9654552	0.9668446	0.9675073	0 9677012	0.9681736	0.9682646	0.9668420	0.9667508	0.9679181	0.9650989	0.9616660	
11	Demand Jurisdictional Factor		0 9650747	0.9650747	0 9650747	0.9650747	0.9650747	0 9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	
12	Retail Energy-Related Recoverable Costs (H	``	154,905	154,380	154,157	154,607	156,011	160,480	161,229	160,510	160,010	159,720	158,773	157,726	1,892,508
13	Retail Demand-Related Recoverable Costs (1		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Line		154,905	154,380	154,157	154,607	156,011	160,480	161,229	160,510	160,010	159,720	158,773	157,726	1,892,508
	(Date	/				***									

- (A) Description and reason for 'Other' adjustments to net investment for this project
- (B) Applicable beginning of period and end of period depreciable base by production plant names (s), unit(s), or plant account(s)
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) These monthly equity components grossed up for taxes were applicable: .5756% (Jan-Mar) .5823% (Apr) .5978% (May) 7073% (June) and .7347% (Jul-Dec). The approved ROE was 11.5% (Jan-Mar) and 12% (Apr-Dec) See Doc. 010949-EI
- (E) 3.9% annually
- (F) Applicable amortization period
- (G) Description and reason for "Other' adjustments to investment expenses for this project
- (H) Line 9a x Line 10 x 1 0014 line loss multiplier for Jan. May, 1.0008 for June, and 1.0007 for July Dec. (Line loss factor changed as a result of Order No PSC-02-0787-FOF-EI in Doc. No. 010949-EI)
- (I) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2002 - December 2002

Return on Capital Investments, Depreciation and Taxes

For Project: CEMS - Crist 1, 4-7, 6&7 Upgrade; Scholz 1, Smith 1 & 2; Daniel P E.s 1154, 1164, 1240, 1245, 1286, 1289, 1290, 1311, 1316, 1323, 1440, 1441, 1442, 1454, 1459, 1460 & 1558 (in Dollars)

Line	<u>Description</u>	Beginning of Period Amount	Actual <u>January</u>	Actual February	Actual <u>March</u>	Actual April	Actual <u>May</u>	Actual <u>June</u>	Actual <u>July</u>	Actual August	Actual <u>September</u>	Actual October	Actual <u>November</u>	Actual <u>December</u>	End of Period Amount
1	Investments							•			114 (00	50.477	122 /06	(2.207)	
	a Expenditures/Additions		0	0	0	0	0	0	0	0	1 14,699 0	59,477	133,695 0	(2,207) 477,832	
	b Clearings to Plant		367,234	0	0	U	v	147,657	68,987 0	193,401	0	0	0	260,243	
	c Retirements		0	Ü	0	0	821,725	147,037	0	193,401	0	0	0	200,243	
	d Cost of Removal		Ü	Ü	0	0	v	0	0	0	3.600	(1,800)	1.800	0	
	e Salvage	4 020 060	5 205 502	5 205 503	£ 205 503	£ 205 502	4,383,778	4,236,121	4,305,108	4,111,707	4,111,707	4,111,707	4,111,707	4,329,296	
2	Plant-in-Service/Depreciation Base (B)	4,838,269	5,205,503	5,205,503	5,205,503	5,205,503	158,432	293,545	281,081	4,111,707	446,563	4,111,707	422,512	670,339	
3	Less: Accumulated Depreciation (C)	(590,695)	(605,055)	(619,876)	(634,698)	(649,520) 369,465	369,465	369,465	300,478	300,478	415,177	474,654	608,349	128,310	
4	CWIP - Non Interest Bearing	736,699	369,465	369,465	369,465	4,925,448	4,911,675	4,899,131	4,886,667	4,874,374	4,973,447	5,022,699	5,142,568	5,127,945	-
5	Net Investment (Lines 2 - 3 + 4)	4,984,273	4,969,913	4,955,092	4,940,270	4,923,448	4,911,073	4,099,131	4,880,007	4,074,374	4,973,447	3,022,099	3,142,308	3,127,543	-
6	Average Net Investment		4,977,093	4,962,503	4,947,681	4,932,859	4,918,562	4,905,403	4,892,899	4,880,521	4,923,911	4,998,073	5,082,634	5,135,257	
7	Return on Average Net Investment														
	a Equity Component Grossed Up For Tax	es (D)	28,648	28,564	28,479	28,724	29,403	34,696	35,948	35,857	36,176	36,721	37,342	37,729	398,287
	b Debt Component (Line 6 x Debt Compo	nent x 1/12)	14,573	14,530	14,487	14,443	14,402	11,062	10,211	10,186	10,276	10,431	10,607	10,717	145,925
8	Investment Expenses														. 50.000
	a Depreciation (E)		14,360	14,821	14,822	14,822	13,773	12,544	12,464	12,293	12,026	12,025	12,026	12,416	158,392
	b Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	_ 0	0
	c Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	
	d Property Taxes		1,480	1,480	1,480	1,480	1,480	1,480	1,480	1,480	1,480	1,480	1,480	1,480	17,760
	e Other (G)		0	0	0	0	00	0	0	0	0	0	0_	0	0
_		•	***	***	50.060	50.460	EO 059	59,782	60,103	60.016	59,958	60,657	61,455	62,342	720,364
9	Total System Recoverable Expenses (Lines	7 + 8)	59,061	59,395	59,268	59,469 59,469	59,058 59,058	59,782 59,782	60,103	59,816 59,816	59,958	60,657	61,455	62,342	720,364
	a Recoverable Costs Allocated to Energy		59,061	59,395	59,268	39, 40 9 0	39,038 N	39,782	00,103	39,810	39,938	00,037	01,433	02,342	/20,30 4
	b Recoverable Costs Allocated to Demand	1	0	0	U	U	U	U	U	Ü	U	U	U	U	U
10	Energy Jurisdictional Factor		0.9659659	0.9654552	0 9668446	0.9675073	0 9677012	0 9681736	0.9682646	0 9668420	0.9667508	0 9679181	0.9650989	0.9616660	
10			0.9659747	0.9654332	0 9650747	0.9650747	0 9650747	0 9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	
11	Demand Jurisdictional Factor		0.9030747	0 9030747	0 9030747	V.7030747	0 7030141	0 3030747	0 7030141	0.7030147	0.7030747	0.7030147	0.7030147	Q.70201 4 1	
12	Retail Energy-Related Recoverable Costs (H	Ŋ	57,131	57,423	57,383	57,617	57,231	57,928	58,236	57,873	58,005	58,752	59,352	59,994	696,925
13	Retail Demand-Related Recoverable Costs (0,,131	37,423	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Line	· .	57,131	57,423	57,383	57,617	57,231	57,928	58,236	57,873	58,005	58,752	59,352	59,994	696,925
17	Total Fall School of Teccoverable Costs (Diffe	3.2	77,171	¥7,123			- / ,		- 0,-00						

- (A) Description and reason for 'Other' adjustments to net investment for this project
- (B) Begunning Balances: Crist \$2,234,010; Scholz \$869,366; Smith \$1,169,030; and Daniel \$565,863. Ending Balances Crist \$2,590,992; Scholz \$486,599; Smith \$565,863; and Daniel \$565,863
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) These monthly equity components grossed up for taxes were applicable: .5756% (Jan-Mar) 5823% (Apr) 5978% (May) .7073% (June) and .7347% (Jul-Dec) The approved ROE was 11.5% (Jan-Mar) and 12% (Apr-Dec) See Doc 010949-EI
- (E) Crist: 3.9%, Smith 3.3%, Scholz 2.9%, Daniel 2.8% annually
- (F) Applicable amortization period
- (G) Description and reason for "Other' adjustments to investment expenses for this project
- (H) Line 9a x Line 10 x 1.0014 line loss multiplier for Jan. May, 1.0008 for June, and 1.0007 for July Dec. (Line loss factor changed as a result of Order No PSC-02-0787-FOF-EI in Doc No. 010949-EI)
- (I) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2002 - December 2002

Return on Capital Investments, Depreciation and Taxes

For Project: Sub. Contam. Mobile Groundwater Treat. Sys. P.E. 1007, 3400, & 3412 (in Dollars)

Line	<u>Description</u> <u>Perio</u>	5	Actual January	Actual February	Actual March	Actual <u>April</u>	Actual <u>May</u>	Actual <u>June</u>	Actual <u>July</u>	Actual August	Actual September	Actual October	Actual November	Actual <u>December</u>	End of Period Amount
1	Investments			0	5,017	(5,017)	0	0	0	0	0	0	0	0	
	a Expenditures/Additions		0	0	3,017	549,020	0	0	0	0	0	0	0	0	
	b Clearings to Plant		0	0	0	347,020	0	0	0	n	Ů	0	0	Ů	
	c Retirements d Cost of Removal		0	0	0	0	0	Ů	0	0	0	0	Õ	ő	
			0	0	0	0	0	0	0	0	Õ	Ô	Õ	ő	
2		380,374	380,374	380,374	380,374	929,394	929,394	929,394	929,394	929,394	929,394	929,394	929,394	929,394	
2	Plant-in-Service/Depreciation Base (B) Less: Accumulated Depreciation (C)	(55,570)	(56,473)	(57,377)	(58,281)	(59,756)	(61,803)	(63,853)	(65,900)	(67,947)	(69,996)	(72,043)	(74,090)	(76,138)	
3	CWIP - Non Interest Bearing	549,020	549,020	549,020	554,037	(57,750)	(01,005)	(05,055)	05,500)	(01,517)	(0),550)	(,2,0.5)	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(,0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
5	Net Investment (Lines 2 - 3 + 4)	873,824	872,921	872,017	876,130	869,638	867,591	865,541	863,494	861,447	859,398	857,351	855,304	853,256	•
,	Net investment (Lines 2 - 3 + 4)	673,624	072,721	072,017	070,150	007,030	007,551	005,511	005,1,2,1	001,111	00,000	001,001	000,001		-
6	Average Net Investment		873,373	872,470	874,073	872,884	868,615	866,567	864,518	862,471	860,423	858,375	856,328	854,281	
7	Return on Average Net Investment														
	a Equity Component Grossed Up For Taxes (D)		5,027	5,022	5,031	5,083	5,193	6,129	6,352	6,337	6,322	6,306	6,291	6,276	69,369
	b Debt Component (Line 6 x Debt Component x	1/12)	2,557	2,555	2,559	2,556	2,543	1,954	1,804	1,800	1,796	1,791	1,787	1,783	25,485
8	Investment Expenses														
	a Depreciation (E)		768	769	768	1,340	1,912	1,914	1,912	1,912	1,913	1,912	1,912	1,912	18,944
	b Amortization (F)		135	135	136	135	135	136	135	135	136	135	135	_~ 136	1,624
	c Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		8,488	8.481	8,494	9,114	9,783	10,133	10,203	10,184	10,167	10,145	10,126	10,107	115,422
,	a Recoverable Costs Allocated to Energy		653	653	653	701	752	779	785	784	781	780	780	777	8,878
	b Recoverable Costs Allocated to Demand		7,835	7,828	7,841	8.413	9.031	9,354	9,418	9,400	9,386	9,365	9,346	9,330	106,547
			.,	,,,		-,	,		, -	•		,	.,.	-,	• •
10	Energy Jurisdictional Factor	0	9659659	0 9654552	0 9668446	0 9675073	0 9677012	0 9681736	0 9682646	0 9668420	0 9667508	0 9679181	0.9650989	0.9616660	
	Demand Jurisdictional Factor	0.	.9650747	0 9650747	0 9650747	0.9650747	0 9650747	0 9650747	0 9650747	0.9650747	0 9650747	0 9650747	0.9650747	0.9650747	
12	Retail Energy-Related Recoverable Costs (H)		632	631	632	679	729	755	761	759	756	756	753	748	8,591
13	Retail Demand-Related Recoverable Costs (I)		7,561	7,555	7,567	8,119	8,716	9,027	9,089	9,072	9,058	9,038	9,020	9,004	102,826
14	Total Jurisdictional Recoverable Costs (Lines 12 +	13)	8,193	8,186	8,199	8,798	9,445	9,782	9,850	9,831	9,814	9,794	9,773	9,752	111,417

- (A) Description and reason for 'Other' adjustments to net investment for this project
- (B) Beginning balance of depreciable property \$369,004; Ending balance of depreciable property \$918,024; Beginning and Ending Balance of amortizable property \$11,370
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) These monthly equity components grossed up for taxes were applicable: .5756% (Jan-Mar) 5823% (Apr) .5978% (May) .7073% (June) and .7347% (Jul-Dec). The approved ROE was 11.5% (Jan-Mar) and 12% (Apr-Dec) See Doc. 010949-EI
- (E) Part of PE 1007 depreciable at 2.5% annually, PEs 3400 and 3412 depreciable at 2.5% annually
- (F) 7 year amortization period
- (G) Description and reason for "Other adjustments to investment expenses for this project
- (H) Line 9a x Line 10 x 1.0014 line loss multiplier for Jan. May, 1.0008 for June, and 1.0007 for July Dec. (Line loss factor changed as a result of Order No PSC-02-0787-FOF-EI in Doc. No. 010949-EI)
- (I) Line 9b x Line 11



Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2002 - December 2002

Return on Capital Investments, Depreciation and Taxes

For Project: Raw Water Well Flowmeters - Plants Crist & Smith

P.E. 1155 & 1606

(in Dollars)

Investments Exercision Ex	r.a.	Beginning of Description Period Amount	Actual January	Actual February	Actual March	Actual Aprıl	Actual <u>May</u>	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Amount
a Expenditures/Additions 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ᇤ		Januar y	reordary	<u>Iviai cii</u>	April	ivia	3000	<u> </u>		2,7,011				
b Cleanags to Plant c Returnents c Returnen			0	0	0	0	0	0	0	0	0	0	0	0	
c Returnments d Cost of Removal 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		•	ŏ	0	0	0	0	0	0	0	0	0	0	0	
d Cost of Removal 0 0 0 0 0 0 0 0 0		· ·	0	0	0	0	0	0	0	0	0	0	0	0	
Plant-in-Service/Depreciation Base (B) 242,943			0	0	0	0	0	0	0	0	0	0	0	0	
Section Component Compon		e Salvage	0	0	0	0	0	0	•	-		0	0	0	
CWIP - Non Interest Bearing O O O O O O O O O O O O O O O O O O	2	Plant-in-Service/Depreciation Base (B) 242,943	242,943												
Net Investment (Lines 2 - 23 - 4)	3	Less: Accumulated Depreciation (C) (4,457)	(5,200)	(5,943)	(6,686)	,									
6 Average Net Investment 238,115 237,372 236,629 235,886 235,143 234,400 233,657 232,914 232,171 231,428 230,685 229,942 7 Return on Average Net Investment a Equity Component Grossed Up For Taxes (D) 1,371 1,366 1,362 1,374 1,406 1,658 1,717 1,711 1,706 1,700 1,695 1,689 18,755 1,689 1,689 18,755 1,689 1,689 18,755 1,689 18,755 1,689 18,755 1,689 18,755 1,689 18,755 1,689 18,755 1,689 18,755 1,689 18,755 1,689 18,755 1,689 18,755 1,689 18,755 1,689 18,755 1,689 18,755 1,689 18,755 1,689 18,755 1,689 18,755 1,689 18,755 1,689 18,755 1,689 18,755 1,689 18,7	4														
7 Return on Average Net Investment a Equity Component Grossed Up For Taxes (D) beth Component (Line 6 x Debt Component x 1/12) 697 695 693 691 688 529 488 486 485 483 481 480 6,896 8 Investment Expenses a Depreciation (E) 743 743 743 743 743 743 743 743 743 743	5	Net Investment (Lines 2 - 3 + 4) 238,486	237,743	237,000	236,257	235,514	234,771	234,028	233,285	232,542	231,799	231,056	230,313	229,570	
a Equity Component Grossed Up For Taxes (D)	6	Average Net Investment	238,115	237,372	236,629	235,886	235,143	234,400	233,657	232,914	232,171	231,428	230,685	229,942	
Equity Component (Line 6 x Debt Component x 1/12) 697 695 693 691 688 529 488 486 485 483 481 480 6,896	7	Return on Average Net Investment													10.755
Solution															
a Depreciation (E) 743 743 743 743 743 743 743 743 743 743		b Debt Component (Line 6 x Debt Component x 1/12)	697	695	693	691	688	529	488	486	485	483	481	480	0,890
a Depreciation (E) 743 743 743 743 743 743 743 743 743 743	_														
b Amortization (F)	8	•	742	742	742	742	742	743	742	743	7.43	743	743	743	8.916
Dismantlement C Disman		• • •	/43				743								0,7.0
d Property Taxes 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4	* *	0	0	0	•	0	-	•	-	•	-	0	0	0
e Other (G) 9 Total System Recoverable Expenses (Lines 7 + 8) 2,811 2,804 2,798 2,807 2,837 2,930 2,948 2,941 2,933 2,926 2,919 2,912 34,567 a Recoverable Costs Allocated to Energy 217 215 215 216 218 225 227 227 227 225 225 225 225 224 2,659 b Recoverable Costs Allocated to Demand 2,594 2,589 2,583 2,591 2,619 2,705 2,721 2,714 2,708 2,701 2,694 2,688 31,907 10 Energy Jurisdictional Factor 0,9659659 0,9654552 0,9668446 0,9679073 0,9650747			0	0	0	ů	ŏ	-	o o	-	ō	0	0	0	0
9 Total System Recoverable Expenses (Lines 7 + 8) 2,811 2,804 2,798 2,807 2,837 2,930 2,948 2,941 2,933 2,926 2,919 2,912 34,567 a Recoverable Costs Allocated to Energy 217 215 215 216 218 225 227 227 225 225 224 2,659 b Recoverable Costs Allocated to Demand 2,594 2,589 2,583 2,591 2,619 2,705 2,721 2,714 2,708 2,701 2,694 2,688 31,907 2,90	-	• •	ő	Õ	ů	0	0	0	0	0	0	0	0	0	0
a Recoverable Costs Allocated to Energy b Recoverable Costs Allocated to Energy 217 215 215 216 218 225 227 227 227 225 225 225 224 2,659 2,688 31,907 10 Energy Jurisdictional Factor 0.9659659 0.9659659 0.9659652 0.9668446 0.9650747 0.				· · · · · · · · · · · · · · · · · · ·											
a Recoverable Costs Allocated to Energy b Recoverable Costs Allocated to Energy b Recoverable Costs Allocated to Demand 2,594 2,589 2,583 2,591 2,699 2,583 2,591 2,619 2,705 2,721 2,714 2,708 2,701 2,508 2,701 2,694 2,688 31,907 10 Energy Jurisdictional Factor 0,9659659 0,9654552 0,9668446 0,9675073 0,9650747 0,96	9	Total System Recoverable Expenses (Lines 7 + 8)	2,811	2,804	2,798	2,807	2,837	2,930	2,948	2,941	2,933	2,926	2,919	2,912	34,567
b Recoverable Costs Allocated to Demand 2,594 2,589 2,583 2,591 2,619 2,705 2,721 2,714 2,708 2,701 2,694 2,688 31,907 10 Energy Jurisdictional Factor 0,9659659 0,9654552 0,9668446 0 9675073 0 9677012 0,9681736 0 9682646 0 9668420 0,9667508 0,9679181 0,9650989 0,9616660 1 0,9650747 0,			-	215	215	216	218	225	227	227	225	225	225	224	2,659
11 Demand Jurisdictional Factor 0,9650747 0,96		b Recoverable Costs Allocated to Demand	2,594	2,589	2,583	2,591	2,619	2,705	2,721	2,714	2,708	2,701	2,694	2,688	31,907
11 Demand Jurisdictional Factor 0,9650747 0,96															
12 Retail Energy-Related Recoverable Costs (H) 210 208 208 209 211 218 220 220 218 218 217 216 2,573 13 Retail Demand-Related Recoverable Costs (I) 2,503 2,499 2,493 2,501 2,528 2,611 2,626 2,619 2,613 2,607 2,600 2,594 30,794	10	D Energy Jurisdictional Factor													
13 Retail Demand-Related Recoverable Costs (1) 2,503 2,499 2,493 2,501 2,528 2,611 2,626 2,619 2,613 2,607 2,600 2,594 30,794	13	Demand Jurisdictional Factor	0.9650747	0 9650747	0 9650747	0 9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0 9650747	
13 Retail Demand-Related Recoverable Costs (1) 2,503 2,499 2,493 2,501 2,528 2,611 2,626 2,619 2,613 2,607 2,600 2,594 30,794	10	2 Retail Energy-Related Recoverable Costs (H)	210	208	208	209	211	218	220	220	218	218	217	216	2,573
15 Read Defining Tourist Tourist Cooks (1)															30,794
14 Total Jurisdictional Recoverable Costs (Lines 12 + 13) 2,713 2,707 2,701 2,710 2,739 2,829 2,846 2,839 2,831 2,825 2,817 2,810 33,357			2,713	2,707	2,701	2,710	2,739	2,829	2,846	2,839	2,831	2,825	2,817	2,810	33,367

- (A) Description and reason for 'Other' adjustments to net investment for this project
- (B) Beginning and Ending Balance for Crist: \$149,920; Beginning and Ending Balance for Smith \$93,023
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) These monthly equity components grossed up for taxes were applicable: 5756% (Jan-Mar) .5823% (Apr) .5978% (May) 7073% (June) and .7347% (Jul-Dec). The approved ROE was 11.5% (Jan-Mar) and 12% (Apr-Dec) See Doc. 010949-El
- (E) Crist; 3.9% Smith 3.3% annually
- (F) Applicable amortization period
- (G) Description and reason for "Other' adjustments to investment expenses for this project
- (H) Lme 9a x Line 10 x 1 0014 line loss multiplier for Jan. May, 1.0008 for June, and 1.0007 for July Dec. (Line loss factor changed as a result of Order No. PSC-02-0787-FOF-EI in Doc No. 010949-EI)
- (I) Line 9b x Line 11

Return on Capital Investments, Depreciation and Taxes

For Project: Crist Cooling Tower Cell

P.E. 1232
(in Dollars)

Beginning of Line Description Period Amount	Actual January	Actual February	Actual March	Actual Aprıl	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Amount
Line Description Period Amount 1 Investments	January	reordary	March	April	May	<u>sunc</u>	2011	rugust	<u> Doptomou</u>	<u> </u>	110101111111	<u>Determination</u>	
a Expenditures/Additions	0	0	0	0	0	0	0	0	0	0	0	0	
b Clearings to Plant	ŏ	ō	ō	0	0	0	0	0	0	0	0	0	
c Retirements	0	0	0	0	0	0	0	0	0	0	0	0	
d Cost of Removal	0	0	0	0	0	0	0	0	0	0	0	0	
e Salvage	0	0	0	0	0	0	0	0	0	0	0	0	
2 Plant-in-Service/Depreciation Base (B) 906,659	906,659	906,659	906,659	906,659	906,659	906,659	906,659	906,659	906,659	906,659	906,659	906,659	
3 Less: Accumulated Depreciation (C) (260,150)	(263,300)	(266,451)	(269,603)	(272,754)	(275,905)	(279,056)	(282,206)	(285,357)	(288,507)	(291,659)	(294,809)	(297,961)	
4 CWIP - Non Interest Bearing 0	0	0	0	0	0	0	0	0	0	0	0	0	
5 Net Investment (Lines 2 - 3; + 4) 646,509	643,359	640,208	637,056	633,905	630,754	627,603	624,453	621,302	618,152	615,000	611,850	608,698	
6 Average Net Investment	644,934	641,784	638,632	635,481	632,330	629,179	626,028	622,878	619,727	616,576	613,425	610,274	
7 Return on Average Net Investment													
a Equity Component Grossed Up For Taxes (D)	3,712	3,694	3,676	3,700	3,780	4,450	4,599	4,576	4,553	4,530	4,507	4,484	50,261
b Debt Component (Line 6 x Debt Component x 1/12)	1,888	1,879	1,870	1,861	1,851	1,419	1,307	1,300	1,293	1,287	1,280	1,274	18,509
8 Investment Expenses					2047	2046	2046	0.046	2046	2.047	2046	2.047	25 250
a Depreciation (E)	2,946	2,947	2,947	2,947	2,947	2,946	2,946	2,946	2,946	2,947	2,946	2,947	35,358 0
b Amortization (F)	0	0	0	0	0	0	0	0	0	0	0 204	_ 0 205	2,453
c Dismantlement	204	204	205	204	204	205	204	205	204	205	:	203	2,433
d Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0
e Other (G)	0			U				<u>_</u>	<u> </u>				
9 Total System Recoverable Expenses (Lines 7 + 8)	8,750	8,724	8,698	8,712	8,782	9,020	9,056	9,027	8,996	8,969	8,937	8,910	106,581
a Recoverable Costs Allocated to Energy	673	671	669	670	676	694	697	694	692	690	687	685	8,198
b Recoverable Costs Allocated to Demand	8,077	8,053	8,029	8,042	8,106	8,326	8,359	8,333	8,304	8,279	8,250	8,225	98,383
10 Energy Jurisdictional Factor	0.9659659	0.9654552	0.9668446	0.9675073	0 9677012	0.9681736	0 9682646	0 9668420	0 9667508	0.9679181	0.9650989	0.9616660	
11 Demand Jurisdictional Factor	0.9650747	0.9650747	0 9650747	0.9650747	0.9650747	0.9650747	0 9650747	0 9650747	0 9650747	0.9650747	0.9650747	0.9650747	
12 Retail Energy-Related Recoverable Costs (H)	651	649	648	649	655	672	675	671	669	668	663	659	7,929
13 Retail Demand-Related Recoverable Costs (I)	7,795	7,772	7,749	7,761	7,823	8,035	8,067	8,042	8,014	7,990	7,962	7,938	94,948
14 Total Jurisdictional Recoverable Costs (Lines 12 + 13)	8,446	8,421	8,397	8,410	8,478	8,707	8,742	8,713	8,683	8,658	8,625	8,597	102,877

- (A) Description and reason for 'Other' adjustments to net investment for this project
- (B) Applicable beginning of period and end of period depreciable base by production plant names (s), unit(s), or plant account(s)
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (D) These monthly equity components grossed up for taxes were applicable: .5756% (Jan-Mar) 5823% (Apr) .5978% (May) 7073% (June) and 7347% (Jul-Dec). The approved ROE was 11 5% (Jan-Mar) and 12% (Apr-Dec) See Doc. 010949-EI
- (E) 3.9% annually
- (F) Applicable amortization period
- (G) Description and reason for "Other adjustments to investment expenses for this project
- (H) Line 9a x Line 10 x 1.0014 line loss multiplier for Jan. May, 1.0008 for June, and 1.0007 for July Dec. (Line loss factor changed as a result of Order No. PSC-02-0787-FOF-EI in Doc. No. 010949-EI)
- (I) Line 9b x Line 13

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2002 - December 2002

Return on Capital Investments, Depreciation and Taxes
For Project: Crist 1-5 Dechlormation
P.E. 1248
(in Dollars)

	Beginning		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	End of
<u>Lin</u>	e <u>Description</u> <u>Period Am</u> Investments	oun January	<u>February</u>	March	<u>April</u>	<u>May</u>	June	July	August	September	<u>October</u>	November	<u>December</u>	Period Amount
1	a Expenditures/Additions	0	0	0	0	0	0	0	0	0	0	0	0	
	b Clearings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	
	c Retirements	0	0	0	0	0	0	0	0	0	0	0	0	
	d Cost of Removal	0	0	0	0	0	0	0	0	0	0	0	0	
	e Salvage	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base (B) 305,3	23 305,323	305,323	305,323	305,323	305,323	305,323	305,323	305,323	305,323	305,323	305,323	305,323	
3	Less: Accumulated Depreciation (C) (67,0	33) (68,075)	(69,067)	(70,059)	(71,051)	(72,043)	(73,036)	(74,028)	(75,021)	(76,013)	(77,005)	(77,998)	(78,990)	
4	CWIP - Non Interest Bearing	0 0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 - 3 + 4) 238,2	40 237,248	236,256	235,264	234,272	233,280	232,287	231,295	230,302	229,310	228,318	227,325	226,333	
					221240	000 554	222 524	221 221	***	***			***	
6	Average Net Investment	237,744	236,752	235,760	234,768	233,776	232,784	231,791	230,799	229,806	228,814	227,822	226,829	
7	Return on Average Net Investment													
	a Equity Component Grossed Up For Taxes (D)	1,368	1,363	1,357	1,367	1,398	1,646	1,703	1,696	1,688	1,681	1,674	1,667	18,608
	b Debt Component (Line 6 x Debt Component x 1/12)	696	693	690	687	684	525	484	482	480	478	475	473	6,847
8	Investment Expenses													
	a Depreciation (E)	992	992	992	992	992	993	992	993	992	992	993	992	11,907
	b Amortization (F)	772	0	0	0	0	773	0	0	0	992	0	. 0	11,507
	c Dismantlement	0	0	0	0	0	0	0	0	0	0	0	- 0	ň
	d Property Taxes	0	ň	ñ	ő	ő	ů	0	0	0	0	0	n	ñ
	e Other (G)	ň	ŏ	0	Ö	ŏ	ŏ	ñ	ő	ñ	0	0	0	ñ
	0 Ome. (0)	<u>_</u>	<u>`</u>			<u>-</u>								
9	Total System Recoverable Expenses (Lines 7 + 8)	3,056	3,048	3,039	3,046	3,074	3,164	3,179	3,171	3,160	3,151	3,142	3,132	37,362
	a Recoverable Costs Allocated to Energy	235	234	234	234	236	243	245	244	243	242	242	241	2,873
	 Recoverable Costs Allocated to Demand 	2,821	2,814	2,805	2,812	2,838	2,921	2,934	2,927	2,917	2,909	2,900	2,891	34,489
		0.0650650	0.0554550	0.0000446	0.0(55053	0.0477010	0.0(0150(0.0600646	0.0440400					
10	Energy Jurisdictional Factor	0.9659659	0.9654552	0 9668446	0 9675073	0.9677012	0.9681736	0.9682646	0.9668420	0 9667508	0.9679181	0.9650989	0.9616660	
11	Demand Jurisdictional Factor	0.9650747	0 9650747	0.9650747	0 9650747	0.9650747	0.9650747	0.9650747	0.9650747	0 9650747	0.9650747	0.9650747	0.9650747	
12	Retail Energy-Related Recoverable Costs (H)	227	226	227	227	229	235	237	236	235	234	234	232	2,779
13	Retail Demand-Related Recoverable Costs (I)	2,722	2,716	2,707	2,714	2,739	2,819	2,832	2,825	2,815	2,807	2,799	2,790	33,285
	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	2,949	2,942	2,934	2,941	2,968	3,054	3,069	3,061	3,050	3,041	3,033	3,022	36,064
	,									_,	V, V / I	2,000	-,024	50,00

Viotes

- (A) Description and reason for 'Other' adjustments to net investment for this project
- (B) Applicable beginning of period and end of period depreciable base by production plant names (s), unit(s), or plant account(s)
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) These monthly equity components grossed up for taxes were applicable: .5756% (Jan-Mar) .5823% (Apr) .5978% (May) .7073% (June) and 7347% (Jul-Dec). The approved ROE was 11.5% (Jan-Mar) and 12% (Apr-Dec) See Doc. 010949-Ei
- (E) 3.9% annually
- (F) Applicable amortization period
- (G) Description and reason for "Other' adjustments to investment expenses for this project
- (H) Line 9a x Line 10 x 1 0014 line loss multiplier for Jan. May, 1 0008 for June, and 1 0007 for July Dec. (Line loss factor changed as a result of Order No. PSC-02-0787-FOF-EI in Doc. No. 010949-EI)
- (I) Line 9b x Line 11



Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2002 - December 2002

Return on Capital Investments, Depreciation and Taxes
For Project: Crist Diesel Fuel Oil Remediation
P.E. 1270
(in Dollars)

	Begunning of	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	End of
	<u>Line</u> <u>Description</u> <u>Period Amount</u>	January	<u>February</u>	March	<u>Aprıl</u>	<u>May</u>	June	<u>July</u>	<u>August</u>	September	October	November	<u>December</u>	Period Amount
	I Investments			0	0	•	0	^	0	0	0	0	0	
	a Expenditures/Additions	0	0	0	0	0	0	0	0	0	0	0	0	
	b Clearings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	
	c Retirements d Cost of Removal	0	0	0	0	0	0	0	0	0	0	0	0	
	e Salvage	0	0	0	0	0	0	0	0	0	0	0	0	
	2 Plant-in-Service/Depreciation Base (B) 47,955	47,955	47,955	47,955	47,955	47,955	47,955	47,955	47,955	47,955	47,955	47,955	47,955	
	3 Less: Accumulated Depreciation (C) (11,194)	(11,350)	(11,506)	(11,662)	(11,818)	(11,974)	(12,130)	(12,286)	(12,442)	(12,598)	(12,754)	(12,910)	(13,066)	
	4 CWIP - Non Interest Bearing 0	(11,550)	(11,500)	(11,002)	(11,010)	(11,5,4)	(12,130)	(12,200)	(12,112)	(12,398)	(12,754)	(12,510)	(15,000)	
	5 Net Investment (Lines 2 - 3 + 4) 36,761	36,605	36,449	36,293	36,137	35,981	35,825	35,669	35,513	35,357	35,201	35,045	34,889	
	3 Not investment (Emes 2 - 5 - 4)	20,005	30,777	30,233	30,137	33,701	33,023	55,005	55,515	33,331	33,201	33,013	51,005	
	6 Average Net Investment	36,683	36,527	36,371	36,215	36,059	35,903	35,747	35,591	35,435	35,279	35,123	34,967	
		,	,	- •						,	•			
	7 Return on Average Net Investment													
	a Equity Component Grossed Up For Taxes (D)	211	210	209	211	216	254	263	261	260	259	258	257	2,869
	b Debt Component (Line 6 x Debt Component x 1/12)	107	107	106	106	106	81	75	74	74	74	73	73	1,056
	8 Investment Expenses													
_	a Depreciation (E)	156	156	156	156	156	156	156	156	156	156	156	156	1,872
_	b Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	~ 0	0
I	c Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0
	d Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0
	e Other (G)	0	0	0	0_	0	0	0	0	0	0	. 0	0	0
						.=0								
	9 Total System Recoverable Expenses (Lines 7 + 8)	474	473	471	473	478	491	494	491	490	489	487	486	5,797
	a Recoverable Costs Allocated to Energy	36	36	36	36	37	38	38	38	38	38	37	37	445
	b Recoverable Costs Allocated to Demand	438	437	435	437	441	453	456	453	452	451	450	449	5,352
	10 Energy Jurisdictional Factor	0 9659659	0.9654552	0.9668446	0 9675073	0 9677012	0.9681736	0 9682646	0.9668420	0.9667508	0.9679181	0 9650989	0.9616660	
	10 Energy Jurisdictional Factor 11 Demand Jurisdictional Factor	0.9650747	0.9650747	0.9650747	0 9650747	0 9650747	0.9650747	0 9650747	0.9650747	0.9650747	0.9679181	0.9650747	0.9616660	
	11 Demand Juristictional Pactor	0.7030747	0.7020141	0.7030141	0 3030747	0 3030141	0 3030747	0 7030747	0.7030747	0.9030747	0.9030747	V.903U/4/	0 9030747	
	12 Retail Energy-Related Recoverable Costs (H)	35	35	35	35	36	37	37	37	37	37	36	36	433
	13 Retail Demand-Related Recoverable Costs (I)	423	422	420	422	426	437	440	437	436	435	434	433	5,165
	14 Total Jurisdictional Recoverable Costs (Lines 12 + 13)	458	457	455	457	462	474	477	474	473	472	470	469	5,598
		100				.02				77.5	T/2	770	107	3,370

Votes

- (A) Description and reason for 'Other' adjustments to net investment for this project
- (B) Applicable beginning of period and end of period depreciable base by production plant names (s), unit(s), or plant account(s)
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) These monthly equity components grossed up for taxes were applicable: .5756% (Jan-Mar) .5823% (Apr) .5978% (May) .7073% (June) and .7347% (Jul-Dec). The approved ROE was 11 5% (Jan-Mar) and 12% (Apr-Dec) See Doc. 010949-EI
- (E) 3.9% annually
- (F) Applicable amortization period
- (G) Description and reason for "Other' adjustments to investment expenses for this project
- (H) Lune 9a x Lune 10 x 1.0014 line loss multiplier for Jan May, 1.0008 for June, and 1.0007 for July Dec. (Line loss factor changed as a result of Order No. PSC-02-0787-FOF-EI in Doc. No. 010949-EI)
- (I) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)
Calculation of the Fmal True-Up Amount
January 2002 - December 2002

Return on Capital Investments, Depreciation and Taxes For Project Crist Bulk Tanker Unload Sec Contain Struc P.E. 1271 (m Dollars)

	ning of Actual	Actual February	Actual March	Actual Aprıl	Actual May	Actual June	Actual <u>July</u>	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Amount
<u>Line Description Period</u> ! Investments	Amount January	rebruary	March	April	<u>IVIAY</u>	Julie	3414	Augusi	Зертешьег	October	November	<u>December</u>	Crioti / Illiount
a Expenditures/Additions	0	0	0	0	0	0	0	0	0	0	0	0	
b Clearings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	
c Retirements	0	0	0	0	0	0	0	0	0	0	0	0	
d Cost of Removal	0	0	0	0	0	0	0	0	0	0	0	0	
e Salvage	0	0	0	0	0	0	0	0	0	0	0	0	
	01,495 101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	
	22,233) (22,563)		(23,223)	(23,553)	(23,883)	(24,213)	(24,543)	(24,873)	(25,203)	(25,533)	(25,863)	(26,193)	
4 CWIP - Non Interest Bearing	0 0	0	0	0	0	0	0	0	0	0	0	0	
5 Net Investment (Lines 2 -; 3 + 4)	79,262 78,932	78,602	78,272	77,942	77,612	77,282	76,952	76,622	76,292	75,962	75,632	75,302	
6 Average Net Investment	79,097	78,767	78,437	78,107	77,777	77,447	77,117	76,787	76,457	76,127	75,797	75,467	
7 Return on Average Net Investment													
 Equity Component Grossed Up For Taxes (D) 	455	453	451	455	465	548	567	564	562	559	557	554	6,190
b Debt Component (Line 6 x Debt Component x 1/	12) 232	231	230	229	228	175	161	160	160	159	158	157	2,280
8 Investment Expenses													
a Depreciation (E)	330	330	330	330	330	330	330	330	330	330	330	330	3,960
b Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	- 0	0
c Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0
d Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0
e Other (G)	0	0	0	0	0	0	0	0	0	0	0	0_	0
9 Total System Recoverable Expenses (Lines 7 + 8)	1,017	1,014	1,011	1,014	1,023	1,053	1,058	1,054	1,052	1,048	1,045	1,041	12,430
a Recoverable Costs Allocated to Energy	78	78	78	78	79	81	81	81	81	81	80	80	956
b Recoverable Costs Allocated to Demand	939	936	933	936	944	972	977	973	971	967	965	961	11,474
10 Energy Jurisdictional Factor	0.9659659	0.9654552	0.9668446	0 9675073	0 9677012	0.9681736	0.9682646	0.9668420	0.9667508	0.9679181	0.9650989	0.9616660	
11 Demand Jurisdictional Factor	0.9650747	0 9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	
12 Retail Energy-Related Recoverable Costs (H)	75	75	76	76	77	78	78	78	78	78	77	77	923
13 Retail Demand-Related Recoverable Costs (I)	906	903	900	903	911	938	943	939	937	933	931	927	11,071
14 Total Jurisdictional Recoverable Costs (Lines 12 + 13) 981	978	976	979	988	1,016	1,021	1,017	1,015	1,011	1,008	1,004	11,994

- (A) Description and reason for 'Other' adjustments to net investment for this project
- (B) Applicable beginning of period and end of period depreciable base by production plant names (s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) These monthly equity components grossed up for taxes were applicable: .5756% (Jan-Mar) 5823% (Apr) .5978% (May) .7073% (June) and 7347% (Jul-Dec). The approved ROE was 11.5% (Jan-Mar) and 12% (Apr-Dec) See Doc. 010949-EI
- (E) 3.9% annually
- (F) Applicable amortization period
- (G) Description and reason for "Other' adjustments to investment expenses for this project
- (H) Line 9a x Line 10 x 1.0014 line loss multiplier for Jan May, 1.0008 for June, and 1.0007 for July Dec. (Line loss factor changed as a result of Order No. PSC-02-0787-FOF-EI in Doc No. 010949-EI)
- (I) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2002 - December 2002

Return on Capital Investments, Depreciation and Taxes
For Project: Crist IWW Sampling System
P.E. 1275
(in Dollars)

<u>Line</u>	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual <u>June</u>	Actual <u>July</u>	Actual August	Actual September	Actual October	Actual <u>November</u>	Actual December	End of Period Amount
1 Investments		remodi, anomi	Julius /						_						
	litures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	
b Clearin	gs to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
c Returem	nents		0	0	0	0	0	0	0	0	0	0	0	0	
d Cost of	Removal		0	0	0	0	0	0	0	0	0	0	0	0	
e Salvage	•		0	0	0	0	0	0	0	0	0	0	0	0	
2 Plant-ın-Ser	vice/Depreciation Base (B)	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59.543	59,543	59,543	
3 Less: Accur	mulated Depreciation (C)	(13,362)	(13,556)	(13,749)	(13,943)	(14,136)	(14,330)	(14,523)	(14,717)	(14,910)	(15,104)	(15,297)	(15,491)	(15,684)	
4 CWIP - Non	n Interest Bearing	0	00	0	0	0	0	0	0	0	0	0	0	12.250	
5 Net Investm	ent (Lines 2 - 3 + 4)	46,181	45,987	45,794	45,600	45,407	45,213	45,020	44,826	44,633	44,439	44,246	44,052	43,859	
6 Average Net	t investment		46,084	45,891	45,697	45,504	45,310	45,117	44,923	44,730	44,536	44,343	44,149	43,956	
7 Return on A	verage Net Investment														
a Equity (Component Grossed Up For Tax	xes (D)	265	264	263	265	271	319	330	329	327	326	324	323	3,606
b Debt Co	omponent (Line 6 x Debt Comp	onent x 1/12)	135	134	134	133	133	102	94	93	93	93	92	92	1,328
8 Investment I							101	100			104	102	194	193	2,322
•	iation (E)		194	193	194	193	194	193	194	193	194	193			2,342
	zation (F)		0	0	U	0	0	0	0	0	0	0	0	_ 0	0
c Disman			0	U	0	0	0	0	0	0	0	0	0	0	0
d Property			Ü	0	0	0	0	0	0	0	0	0	0	0	0
e Other (C	G)	_	0					U	<u> </u>	0	<u> </u>	<u> </u>			
9 Total System	n Recoverable Expenses (Lines	7 + 8)	594	591	591	591	598	614	618	615	614	612	610	608	7,256
	rable Costs Allocated to Energy		46	45	45	45	46	47	48	47	47	47	47	47	557
	rable Costs Allocated to Deman		548	546	546	546	552	567	570	568	567	565	563	561	6,699
10 Energy Juris	sdictional Factor		0.9659659	0.9654552	0.9668446	0 9675073	0.9677012	0 9681736	0.9682646	0 9668420	0.9667508	0 9679181	0 9650989	0.9616660	
11 Demand Jur.	asdictional Factor		0 9650747	0.9650747	0.9650747	0 9650747	0 9650747	0.9650747	0 9650747	0 9650747	0.9650747	0 9650747	0.9650747	0.9650747	
10 B12		(1)	,,	44	44	44	45		47	45	45	46	45	45	540
	gy-Related Recoverable Costs (F and-Related Recoverable Costs (44 529	44 527	527	527	533	46 547	550	45 548	43 547	46 545	45 543	45 541	
		` ′	573	571	571	571	578	593	597	593	592	591	588	586	6,464 7,004
14 Lotal Jurisdi	ictional Recoverable Costs (Line	es 12 + 13)	3/3	5/1	J/I	3/1	3/8	393	39/	393	392	391	268	380	7,004

- (A) Description and reason for 'Other' adjustments to net investment for this project
- (B) Applicable beginning of period and end of period depreciable base by production plant names (s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) These monthly equity components grossed up for taxes were applicable: .5756% (Jan-Mar) .5823% (Apr) .5978% (May) 7073% (June) and .7347% (Jul-Dec). The approved ROE was 11.5% (Jan-Mar) and 12% (Apr-Dec) See Doc. 010949-EI
- (E) 3.9% annually
- (F) Applicable amortization period
- (G) Description and reason for "Other' adjustments to investment expenses for this project
- (H) Line 9a x Line 10 x 1.0014 line loss multiplier for Jan. May, 1 0008 for June, and 1.0007 for July Dec (Line loss factor changed as a result of Order No. PSC-02-0787-FOF-EI in Doc. No. 010949-EI)
- (I) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2002 - December 2002

Return on Capital Investments, Depreciation and Taxes

For Project Smith Sodium Injection System
P.E 1413
(in Dollars)

		Beginning of	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	End of
Line	Description	Period Amount	January	<u>February</u>	March	<u>Aprıl</u>	<u>May</u>	<u>June</u>	<u>July</u>	August	<u>September</u>	October	November	<u>December</u>	Period Amount
1	Investments				_	_								0	
	a Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	
	b Clearings to Plant		0	0	U	0	0	0	0	0	0	U	0	0	
	c Retirements		0	0	U	0	0	0	0	0	0	0	0	0	
	d Cost of Removal		U	0	0	0	0	0	0	0	0	0	0	0	
_	e Salvage	104 100	0	U	0	106 407	106,497	106,497	106.497	106,497	106,497	106,497	106,497	106,497	
2	Plant-in-Service/Depreciation Base (B)	106,497	106,497	106,497	106,497 (7,837)	106,497 (8,130)	(8,423)	(8,716)	(9,009)	(9,302)	(9,595)	(9,888)	(10,181)	(10,474)	
3	Less: Accumulated Depreciation (C)	(6,958) 0	(7,251) 0	(7,544) 0	(1,631)	(8,130)	(0,423)	(8,710)	(3,003)	(5,302)	(9,595)	(7,000)	(10,131)	(10,474)	
4 5	CWIP - Non Interest Bearing Net Investment (Lines 2 - 3 + 4)	99,539	99,246	98,953	98,660	98,367	98,074	97,781	97,488	97,195	96,902	96,609	96,316	96,023	•
3	Net investment (Lines 2 - 3 + 4)	77,337	99,240	90,933	28,000	30,307	70,074	21,701	77,400	37,133	70,702	20,007	70,510	70,020	•
6	Average Net Investment		99,393	99,100	98,807	98,514	98,221	97,928	97,635	97,342	97,049	96,756	96,463	96,170	
7	Return on Average Net Investment												400	50 5	g 02 g
	a Equity Component Grossed Up For Tax		572	570	569	574	587	693	717	715	713	711	709	707	7,837 2,881
	b Debt Component (Line 6 x Debt Compo	nent x I/12)	291	290	289	288	288	221	204	203	203	202	201	201	2,881
8	Investment Expenses														
	a Depreciation (E)		293	293	293	293	293	293	293	293	293	293	293	293	3,516
	b Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	. 0	0
	c Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e Other (G)	_	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7	' + 8)	1,156	1,153	1,151	1,155	1.168	1,207	1,214	1,211	1,209	1,206	1,203	1,201	14,234
-	a Recoverable Costs Allocated to Energy	-,	1,156	1,153	1,151	1,155	1,168	1,207	1,214	1,211	1,209	1,206	1,203	1.201	14,234
	b Recoverable Costs Allocated to Demand	l	0	0	0	. 0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0 9659659	0.9654552	0.9668446	0 9675073	0 9677012	0 9681736	0 9682646	0 9668420	0 9667508	0.9679181	0 9650989	0 9616660	
11	Demand Jurisdictional Factor		0.9650747	0 9650747	0 9650747	0 9650747	0 9650747	0 9650747	0 9650747	0 9650747	0.9650747	0.9650747	0 9650747	0 9650747	
12	Retail Energy-Related Recoverable Costs (H)	1,118	1,115	1,114	1,119	1,132	1,170	1,176	1,172	1,170	1,168	1,162	1,156	13,772
13	Retail Demand-Related Recoverable Costs (I		0	0	0	0	0	0	0	. 0	Ó	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Line		1,118	1,115	1,114	1,119	1,132	1,170	1,176	1,172	1,170	1,168	1,162	1,156	13,772
	· ·	· •		·											

- (A) Description and reason for 'Other' adjustments to net investment for this project
- (B) Applicable beginning of period and end of period depreciable base by production plant names (s), unit(s), or plant account(s)
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) These monthly equity components grossed up for taxes were applicable: .5756% (Jan-Mar) 5823% (Apr) .5978% (May) .7073% (June) and .7347% (Jul-Dec). The approved ROE was 11.5% (Jan-Mar) and 12% (Apr-Dec) See Doc 010949-EI
- (E) 3 3% annually
- (F) Applicable amortization period
- (G) Description and reason for "Other' adjustments to investment expenses for this project
- (H) Line 9a x Line 10 x 1.0014 line loss multiplier for Jan. May, 1 0008 for June, and 1.0007 for July Dec. (Line loss factor changed as a result of Order No. PSC-02-0787-FOF-EI in Doc No. 010949-E!)
- (I) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2002 - December 2002

Return on Capital Investments, Depreciation and Taxes
For Project: Smith Stormwater Collection System
P.E. 1446
(in Dollars)

Lu	_	Beginning of eriod Amount	Actual January	Actual <u>February</u>	Actual March	Actual <u>Aprıl</u>	Actual <u>May</u>	Actual <u>June</u>	Actual <u>July</u>	Actual August	Actual <u>September</u>	Actual October	Actual <u>November</u>	Actual December F	End of enod Amount
1	Investments				_				•						
	a Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	
	b Clearings to Plant		0	0	0	U	0	v	0	0	0	0	0	0	
	c Returements		0	Ü	Ü	U	0	U	Û	0	0	0	0	0	
	d Cost of Removal		0	0	0	0	0	0	0	0	U	U	U	0	
	e Salvage		0	0	0	0	0	0	0	0	0 700 600	0	2 702 (00	2 702 600	
2		2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	2,782,600	
3	Less. Accumulated Depreciation (C)	(528,138)	(535,790)	(543,442)	(551,094)	(558,746)	(566,398)	(574,050)	(581,702)	(589,354)	(597,006)	(604,658)	(612,310)	(619,962)	
4		0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lmes 2 - 3 + 4)	2,254,462	2,246,810	2,239,158	2,231,506	2,223,854	2,216,202	2,208,550	2,200,898	2,193,246	2,185,594	2,177,942	2,170,290	2,162,638	
6	Average Net Investment		2,250,636	2,242,984	2,235,332	2,227,680	2,220,028	2,212,376	2,204,724	2,197,072	2,189,420	2,181,768	2,174,116	2,166,464	
7	Return on Average Net Investment														
	a Equity Component Grossed Up For Taxes (I	D)	12,955	12,911	12,867	12,972	13,271	15,648	16,198	16,142	16,086	16,029	15,973	15,917	176,969
	b Debt Component (Line 6 x Debt Component		6,590	6,567	6,545	6,523	6,500	4,989	4,601	4,585	4,569	4,553	4,537	4,521	65,080
	- · ·														
8	Investment Expenses														
	a Depreciation (E)		7,652	7,652	7,652	7,652	7,652	7,652	7,652	7,652	7,652	7,652	7,652	7,652	91,824
	b Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	. 0	0
	c Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
1	d Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e Other (G)	_	0	0	0	0	0	0	0	0	0	0	0	0	0
•									** ***	****		****			
9		3)	27,197	27,130	27,064	27,147	27,423	28,289	28,451	28,379	28,307	28,234	28,162	28,090	333,873
	a Recoverable Costs Allocated to Energy		2,092	2,087	2,082	2,088	2,109	2,176	2,189	2,183	2,177	2,172	2,166	2,161	25,682
	b Recoverable Costs Allocated to Demand		25,105	25,043	24,982	25,059	25,314	26,113	26,262	26,196	26,130	26,062	25,996	25,929	308,191
10	P I P. 1P.		0 9659659	0.9654552	0.9668446	0.9675073	0.9677012	0 9681736	0 9682646	0.9668420	0.9667508	0.9679181	0 9650989	0.9616660	
10	Energy Jurisdictional Factor														
11	Demand Jurisdictional Factor		0 9650747	0.9650747	0 9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0 9650747	0.9650747	0 9650747	0.9650747	
12	Retail Energy-Related Recoverable Costs (H)		2,024	2,018	2,016	2,023	2,044	2,109	2,121	2.112	2,106	2,104	2,092	2,080	24,849
	Retail Demand-Related Recoverable Costs (I)		24,228	24,168	24,109	24,184	24,430	25,201	25,345	25,281	25,217	25,152	25,088	25,023	297,426
	Total Jurisdictional Recoverable Costs (Lines 12	- 13)	26,252	26,186	26,125	26,207	26,474	27,310	27,466	27,393	27,323	27,256	27,180	27,103	322,275
14	Total Jurisdictional Accoverable Costs (Lines 12	. + 13)	20,232	20,100	20,123	20,207	20,7/7	27,310	27,400	21,393	21,323	41,230	4/,100	41,103	344,413

Votes

- (A) Description and reason for 'Other' adjustments to net investment for this project
- (B) Applicable beginning of period and end of period depreciable base by production plant names (s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) These monthly equity components grossed up for taxes were applicable: .5756% (Jan-Mar) .5823% (Apr) .5978% (May) .7073% (June) and .7347% (Jul-Dec). The approved ROE was 11.5% (Jan-Mar) and 12% (Apr-Dec) See Doc. 010949-EI
- (E) 3.3% annually
- (F) Applicable amortization period
- (G) Description and reason for "Other' adjustments to investment expenses for this project
- (H) Line 9a x Line 10 x 1.0014 line loss multiplier for Jan. May, 1.0008 for June, and 1 0007 for July Dec. (Line loss factor changed as a result of Order No. PSC-02-0787-FOF-EI in Doc No 010949-EI)
- (I) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC) Calculation of the Final True-Up Amount January 2002 - December 2002

Return on Capital Investments, Depreciation and Taxes For Project: Smith Waste Water Treatment Facility P.E. 1466 (in Dollars)

	Beginnin		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	End of
<u>L</u> :	ine Description Period An	ount January	<u>February</u>	March	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	November 1	<u>December</u>	Period Amount
1	1 Investments													
	a Expenditures/Additions	0	0	0	0	0	0	0	0	0	0	0	0	
	b Clearings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	
	c Retirements	0	0	0	0	0	0	0	0	0	0	0	0	
	d Cost of Removal	0	0	0	0	0	0	0	0	0	0	0	0	
	e Salvage	0	0	0	0	0	0	0	0	0	0	0	0	
2	2 Plant-in-Service/Depreciation Base (B) 175,		175,200	175,200	175,200	175,200	175,200	175,200	175,200	175,200	175,200	175,200	175,200	
3	3 Less: Accumulated Depreciation (C) (38,			(40,124)	(40,606)	(41,088)	(41,570)	(42,052)	(42,534)	(43,016)	(43,498)	(43,980)	(44,462)	
	4 CWIP - Non Interest Bearing	0 0	0	0	0	0	0	0	0	0	0	0	0	
-	5 Net Investment (Lines 2 - 3 + 4) 136,	522 136,040	135,558	135,076	134,594	134,112	133,630	133,148	132,666	132,184	131,702	131,220	130,738	
ć	6 Average Net Investment	136,281	135,799	135,317	134,835	134,353	133,871	133,389	132,907	132,425	131,943	131,461	130,979	
7	7 Return on Average Net Investment													
	a Equity Component Grossed Up For Taxes (D)	784	782	779	785	803	947	980	976	973	969	966	962	10,706
	b Debt Component (Line 6 x Debt Component x 1/12)	399	398	396	395	393	302	278	277	276	275	274	273	3,936
8														
	a Depreciation (E)	482	482	482	482	482	482	482	482	482	482	482	482	5,784
	b Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	_ 0	0
t	c Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0
1	d Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0
	e Other (G)	0	0	0	0	0	0	. 0	0	0	0	0	0	0
9	Comment Dispersion (Dates : 0)	1,665	1,662	1,657	1,662	1,678	1,731	1,740	1,735	1,731	1,726	1,722	1,717	20,426
	 Recoverable Costs Allocated to Energy 	128	128	127	128	129	133	134	133	133	133	132	132	1,570
	 Recoverable Costs Allocated to Demand 	1,537	1,534	1,530	1,534	1,549	1,598	1,606	1,602	1,598	1,593	1,590	1,585	18,856
1.	0 Farmer Lands 1 Fred	0.0(50(50	0.0054550	0.0000440	0.0475057	0.0477010	0.0401884							
	0 Energy Jurisdictional Factor	0 9659659	0 9654552	0.9668446	0 9675073	0.9677012	0.9681736	0 9682646	0.9668420	0 9667508	0.9679181	0.9650989	0.9616660	
1	1 Demand Jurisdictional Factor	0 9650747	0 9650747	0.9650747	0.9650747	0.9650747	0.9650747	0 9650747	0.9650747	0 9650747	0.9650747	0.9650747	0.9650747	
1.	2 Retail Energy-Related Recoverable Costs (H)	124	124	123	124	125	129	130	120	120	120	107	100	1.500
	3 Retail Demand-Related Recoverable Costs (I)	1.483	1,480	1,477	1,480	1,495	1,542		129	129	129	127	127	1,520
	4 Total Jurisdictional Recoverable Costs (Lines 12 + 13)	1,483	1,480	1,4//	1,480	1,495	1,542	1,550 1,680	1,546	1,542	1,537	1,534	1,530	18,196
1.	Total sursulctional recoverable Costs (Lifles 12 + 15)	1,007	1,004	1,000	1,004	1,620	1,0/1	1,680	1,675	1,671	1,666	1,661	1,657	19,716

Votes:

- (A) Description and reason for 'Other' adjustments to net investment for this project
- (B) Applicable beginning of period and end of period depreciable base by production plant names (s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) These monthly equity components grossed up for taxes were applicable: .5756% (Jan-Mar) .5823% (Apr) 5978% (May) .7073% (June) and .7347% (Jul-Dec) The approved ROE was 11.5% (Jan-Mar) and 12% (Apr-Dec) See Doc. 010949-EI
- (E) 3.3% annually
- (F) Applicable amortization period
- (G) Description and reason for "Other' adjustments to investment expenses for this project
- (H) Line 9a x Line 10 x 1 0014 line loss multiplier for Jan. May, 1.0008 for June, and 1.0007 for July Dec. (Line loss factor changed as a result of Order No. PSC-02-0787-FOF-EI in Doc. No. 010949-EI)
- (I) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2002 - December 2002

Return on Capital Investments, Depreciation and Taxes
For Project: Daniel Ash Management Project
P E. 1535
(in Dollars)

Beginning of	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	End of
Line Description Period Amoun	t January	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	July	August	September	October	<u>November</u>	<u>December</u>	Period Amount
I Investments													
a Expenditures/Additions	0	0	0	0	0	0	0	0	0	0	0	0	
b Clearings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	
c Retirements	0	0	0	0	0	0	0	0	0	0	0	0	
d Cost of Removal	0	0	0	0	0	0	0	0	0	0	0	0	
e Salvage	0	0	0	0	0	0	0	0	0	0	0	0	
2 Plant-in-Service/Depreciation Base (B) 13,242,469	13,242,469	13,242,469	13,242,469	13,242,469	13,242,469	13,242,469	13,242,469	13,242,469	13,242,469	13,242,469	13,242,469	13,242,469	
3 Less: Accumulated Depreciation (C) (2,840,451)	(2,881,169)	(2,921,887)	(2,962,605)	(3,003,323)	(3,044,041)	(3,084,759)	(3,125,477)	(3,166,195)	(3,206,913)	(3,247,630)	(3,288,348)	(3,329,065)	
4 CWIP - Non Interest Bearing 0	0	0	0	0	0	0	0	0	0	0	0	0	
5 Net Investment (Lines 2 - 3 + 4) 10,402,018	10,361,300	10,320,582	10,279,864	10,239,146	10,198,428	10,157,710	10,116,992	10,076,274	10,035,556	9,994,839	9,954,121	9,913,404	
· · · · · · · · · · · · · · · · · · ·													
6 Average Net Investment	10,381,659	10,340,941	10,300,223	10,259,505	10,218,787	10,178,069	10,137,351	10,096,633	10,055,915	10,015,198	9,974,480	9,933,763	
7 Return on Average Net Investment													
a Equity Component Grossed Up For Taxes (D)	59,757	59,522	59,288	59,741	61,088	71.989	74,479	74,180	73,881	73,582	73,283	72,983	813,773
b Debt Component (Line 6 x Debt Component x 1/12)	30,397	30,278	30,159	30,040	29,921	22,952	21,157	21,072	20,987	20,902	20,817	20,732	299,414
8 Investment Expenses													
a Depreciation (E)	30,895	30,895	30,895	30,895	30,895	30,895	30,895	30,895	30,895	30,894	30,895	30,894	370,738
b Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	~ 0	0
c Dismantlement	9,823	9,823	9,823	9,823	9,823	9,823	9,823	9,823	9,823	9,823	9,823	9,823	117,876
d Property Taxes	32,694	32,694	32,694	32,694	32,694	32,694	32,694	32,693	32,694	32,694	32,694	32,694	392,327
e Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0
• •													
9 Total System Recoverable Expenses (Lines 7 + 8)	163,566	163,212	162,859	163,193	164,421	168,353	169,048	168,663	168,280	167,895	167,512	167,126	1,994,128
a Recoverable Costs Allocated to Energy	12,582	12,555	12,528	12,553	12,648	12,950	13,004	12,974	12,945	12,915	12,886	12,856	153,396
b Recoverable Costs Allocated to Demand	150,984	150,657	150,331	150,640	151,773	155,403	156,044	155,689	155,335	154,980	154,626	154,270	1,840,732
10 Energy Jurisdictional Factor	0.9659659	0 9654552	0.9668446	0 9675073	0.9677012	0.9681736	0.9682646	0.9668420	0.9667508	0 9679181	0 9650989	0.9616660	
11 Demand Jurisdictional Factor	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0 9650747	0 9650747	0.9650747	
12 Retail Energy-Related Recoverable Costs (H)	12,171	12,138	12,130	12,162	12,257	12,548	12,600	12,553	12,523	12,509	12,445	12,372	148,408
13 Retail Demand-Related Recoverable Costs (I)	145,711	145,395	145,081	145,379	146,472	149,976	150,594	150,252	149,910	149,567	149,226	148,882	1,776,445
14 Total Jurisdictional Recoverable Costs (Lines 12 + 13)	157,882	157,533	157,211	157,541	158,729	162,524	163,194	162,805	162,433	162,076	161,671	161,254	1,924,853

Votes

- (A) Description and reason for 'Other' adjustments to net investment for this project
- (B) Applicable beginning of period and end of period depreciable base by production plant names (s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (D) These monthly equity components grossed up for taxes were applicable: .5756% (Jan-Mar) 5823% (Apr) .5978% (May) 7073% (June) and 7347% (Jul-Dec). The approved ROE was 11.5% (Jan-Mar) and 12% (Apr-Dec) See Doc. 010949-EI
- (E) 2.8% annually
- (F) Applicable amortization period
- (G) Description and reason for "Other' adjustments to investment expenses for this project
- (H) Line 9a x Line 10 x 1.0014 line loss multiplier for Jan May, 1.0008 for June, and 1.0007 for July Dec. (Line loss factor changed as a result of Order No. PSC-02-0787-FOF-El in Doc. No. 010949-El)
- (I) Line 9b x Line 11

1/2

Gulf Power Company

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2002 - December 2002

Return on Capital Investments, Depreciation and Taxes
For Project: Smith Shield Water Project
P.E. 1620
(in Dollars)

<u>Line</u> Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual <u>April</u>	Actual <u>May</u>	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual <u>December</u>	End of Period Amount
1 Investments														
 Expenditures/Additions 		0	0	0	0	0	0	0	0	0	0	0	0	
 b Clearings to Plant 		0	0	0	0	0	0	0	0	0	0	0	0	
c Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
d Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	
e Salvage		0	0	0	0	0	0	0	0	0	0	0	0	
2 Plant-in-Service/Depreciation Base (B)	47,906	47,906	47,906	47,906	47,906	47,906	47,906	47,906	47,906	47,906	47,906	47,906	47,906	
3 Less: Accumulated Depreciation (C)	(195)	(327)	(459)	(591)	(723)	(855)	(987)	(1,119)	(1,251)	(1,383)	(1,514)	(1,646)	(1,777)	
4 CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	. 0	0	
5 Net Investment (Lmes 2 - 3 + 4)	47,711	47,579	47,447	47,315	47,183	47,051	46,919	46,787	46,655	46,523	46,392	46,260	46,129	
6 Average Net Investment		47,645	47,513	47,381	47,249	47,117	46,985	46,853	46,721	46,589	46,458	46,326	46,195	
7 Return on Average Net Investment														
a Equity Component Grossed Up For Ta	axes (D)	274	273	273	275	282	332	344	343	342	341	340	339	3,758
b Debt Component (Line 6 x Debt Comp	ponent x 1/12)	140	139	139	138	138	106	98	98	97	97	97	96	1,383
8 Investment Expenses														
a Depreciation (E)		132	132	132	132	132	132	132	132	132	131	132	131	1,582
b Amortization (F)		152	122	152	0	152	0	1,72	0	0	0	0	. 0	1,502
c Dismantlement		0	ñ	o o	0	Ů	Õ	0	0	Ö	0	0	~ 0	0
d Property Taxes		0	Ô	0	Ö	0	0	0	0	0	0	0	0	0
e Other (G)		n	Ď	ŏ	0	ñ	ŏ	ŏ	ő	ő	0	Ů	ñ	Ô
c outer (d)	-													
9 Total System Recoverable Expenses (Lines	s 7 + 8)	546	544	544	545	552	570	574	573	571	569	569	566	6,723
 Recoverable Costs Allocated to Energy 	y	42	42	42	42	42	44	44	44	44	44	44	44	518
 Recoverable Costs Allocated to Demai 	nd	504	502	502	503	510	526	530	529	527	525	525	522	6,205
10 Farmer Anniadistreal Farmer		0.000000	0.0054553	0.0000440	0.075072	0.0477012	0.0001737	0.000044	0.0660430	0.0000000	0.0670101	0.0650000	0.0414440	
10 Energy Jurisdictional Factor		0.9659659	0.9654552	0.9668446	0.9675073	0.9677012	0 9681736	0.9682646	0.9668420	0.9667508	0 9679181	0.9650989	0.9616660	
11 Demand Jurisdictional Factor		0.9650747	0.9650747	0.9650747	0.9650747	0 9650747	0.9650747	0.9650747	0 9650747	0.9650747	0.9650747	0.9650747	0.9650747	
12 Retail Energy-Related Recoverable Costs ((H)	41	41	41	41	41	43	43	43	43	43	42	42	504
13 Retail Demand-Related Recoverable Costs		486	484	484	485	492	508	511	511	509	507	507	504	5,988
14 Total Jurisdictional Recoverable Costs (Lin	nes 12 + 13)	527	525	525	526	533	551	554	554	552	550	549	546	6,492

Votes

- (A) Description and reason for 'Other' adjustments to net investment for this project
- (B) Applicable beginning of period and end of period depreciable base by production plant names (s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) These monthly equity components grossed up for taxes were applicable: .5756% (Jan-Mar) 5823% (Apr) .5978% (May) .7073% (June) and .7347% (Jul-Dec). The approved ROE was 11 5% (Jan-Mar) and 12% (Apr-Dec) See Doc. 010949-EI
- (E) 3.3% annually
- (F) Applicable amortization period
- (G) Description and reason for "Other adjustments to investment expenses for this project
- (H) Line 9a x Line 10 x 1.0014 line loss multiplier for Jan. May, 1.0008 for June, and 1.0007 for July Dec. (Line loss factor changed as a result of Order No. PSC-02-0787-FOF-EI in Doc. No. 010949-EI)
- (I) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2002 - December 2002

Return on Capital Investments, Depreciation and Taxes

For Project: Underground Fuel Tank Replacement
P.E. 4397
(in Dollars)

		Beginning of	Actual	Actual	Actual	Actual	Actual	Actual	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Amount
<u>Lin</u>	<u>Description</u> Investments	Period Amount	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	July	August	<u>Зертешоег</u>	October	November	December	renou Amount
1	a Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	
	b Clearings to Plant		ŏ	ŏ	0	0	0	0	0	0	0	0	0	0	
	c Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	
	e Salvage		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base (B)	457,919	457,919	457,919	457,919	457,919	457,919	457,919	457,919	457,919	457,919	457,919	457,919	457,919	
3	Less. Accumulated Depreciation (C)	(280,780)	(285,701)	(290,621)	(295,542)	(300,463)	(305,383)	(310,304)	(315,224)	(320,145)	(325,065)	(329,986)	(334,907)	(339,828)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	. 0	0	0	
5	Net Investment (Lines 2 - 3 + 4)	177,139	172,218	167,298	162,377	157,456	152,536	147,615	142,695	137,774	132,854	127,933	123,012	118,091	
6	Average Net Investment		174,679	169,758	164,838	159,917	154,996	150,076	145,155	140,235	135,314	130,394	125,473	120,552	
7	Return on Average Net Investment														
	a Equity Component Grossed Up For Tax		1,005	97 7	949	931	927	1,061	1,066	1,030	994	958	922	886	11,706
	b Debt Component (Line 6 x Debt Compo	onent x 1/12)	511	497	483	468	454	338	303	293	282	272	262	252	4,415
8	Investment Expenses														
v	a Depreciation (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b Amortization (F)		4,921	4,920	4,921	4,921	4,920	4,921	4,920	4,921	4,920	4,921	4,921	4,921	59,048
	c Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e Other (G)	_	0	0	0	0	0	0	0	0	0	0	. 0	0	0
9	Total System Recoverable Expenses (Lines	7 + 8)	6,437	6,394	6,353	6,320	6,301	6,320	6,289	6,244	6,196	6,151	6,105	6,059	75,169
,	a Recoverable Costs Allocated to Energy	, , 6)	495	492	489	486	485	486	484	480	477	473	470	466	5,783
	b Recoverable Costs Allocated to Demand	1	5,942	5,902	5.864	5,834	5,816	5,834	5,805	5,764	5,719	5,678	5.635	5,593	69,386
		-	5,7.2	5,702	2,00	2,05	5,510	5,05	5,005	3,701	3,113	3,070	3,033	5,575	07,500
10	Energy Jurisdictional Factor		0 9659659	0.9654552	0 9668446	0 9675073	0.9677012	0.9681736	0.9682646	0 9668420	0.9667508	0 9679181	0.9650989	0 9616660	
11	Demand Jurisdictional Factor		0 9650747	0.9650747	0.9650747	0.9650747	0.9650747	0.9650747	0 9650747	0.9650747	0 9650747	0.9650747	0.9650747	0.9650747	
12	Retail Energy-Related Recoverable Costs (H	n	479	476	473	471	470	471	469	464	461	458	454	448	5,594
13	Retail Demand-Related Recoverable Costs (5,734	5,696	5.659	5,630	5,613	5,630	5,602	5,563	5,519	5,480	5,438	5,398	66,962
14	Total Jurisdictional Recoverable Costs (Line		6,213	6,172	6,132	6,101	6,083	6,101	6,071	6,027	5,980	5,938	5,892	5,846	72,556

- (A) Description and reason for 'Other' adjustments to net investment for this project
- (B) Applicable beginning of period and end of period depreciable base by production plant names (s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (D) These monthly equity components grossed up for taxes were applicable: 5756% (Jan-Mar) .5823% (Apr) .5978% (May) 7073% (June) and .7347% (Jul-Dec) The approved ROE was 11 5% (Jan-Mar) and 12% (Apr-Dec) See Doc 010949-EI
- (E) Applicable depreciation rate or rates.
- (F) 7 year amortization period
- (G) Description and reason for "Other' adjustments to investment expenses for this project
- (H) Line 9a x Line 10 x 1.0014 line loss multiplier for Jan. May, 1 0008 for June, and 1.0007 for July Dec. (Line loss factor changed as a result of Order No. PSC-02-0787-FOF-EI in Doc. No. 010949-EI)
- (I) Line 9b x Line 11

Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2002 - December 2002

Return on Working Capital, SO2 Expenses For Project: SO2 Allowances

(in Dollars)

	Beginning of	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual October	Actual	Actual	End of Period Amount
Line Description Pe	eriod Amount	January	<u>February</u>	<u>March</u>	<u>Aprıl</u>	<u>May</u>	June	July	August	<u>September</u>	October	November	<u>December</u> 1	renou Amount
a Purchases/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	
b Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	
c Auction Proceeds/Other		0	(82,424)	0	0	0	215,194	0	0	0	0	0	0	
2 Working Capital														
a FERC 158 ! Allowance inventory	52,331	51.063	49,595	48,620	47,745	46,178	44,162	41,978	39,819	37,745	35,966	34,564	32,680	
b FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	
c FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	
d FERC 254 Regulatory Liabilities - Gains	(679,266)	(670,740)	(579,791)	(576,960)	(576,960)	(576,960)	(770,810)	(749,466)	(728,122)	(706,778)	(685,434)	(664,090)	(650,061)	
3 Total Working Capital Balance	(626,935)	(619,677)	(530,196)	(528,340)	(529,215)	(530,782)	(726,648)	(707,488)	(688,303)	(669,033)	(649,468)	(629,526)	(617,381)	
4 Average Net Working Capital Balance		(623,306)	(574,937)	(529,268)	(528,778)	(529,999)	(628,715)	(717,068)	(697,896)	(678,668)	(659,251)	(639,497)	(623,454)	
5 Return on Average Net Working Capital Balance	e													
a Equity Component Grossed Up For Taxes (A	A)	(3,588)	(3,309)	(3,046)	(3,079)	(3,168)	(4,447)	(5,268)	(5,127)	(4,986)	(4,844)	(4,698)	(4,581)	(50,141)
b Debt Component (Line 4 x 3.5137% x 1/12)		(1,825)	(1,683)	(1,550)	(1,548)	(1,552)	(1,418)	(1,497)	(1,457)	(1,416)	(1,376)	(1,335)	(1,301)	(17,958)
6 Total Return Component (D)		(5,413)	(4,992)	(4,596)	(4,627)	(4,720)	(5,865)	(6,765)	(6,584)	(6,402)	(6,220)	(6,033)	(5,882)	(68,099)
7 Expenses					_									
a Gains		(8,526)	(8,525)	(2,831)	0	0	(21,344)	(21,344)	(21,344)	(21,344)	(21,344)	(21,344)	(14,029)	(161,975)
b Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
c SO2 Allowance Expense	_	1,268	1,468	975	875	1,567	2,016	2,184	2,159	2,074	1,779	1,402	1,884	19,651
8 Net Expenses (E)		(7,258)	(7,057)	(1,856)	875	1,567	(19,328)	(19,160)	(19,185)	(19,270)	(19,565)	(19,942)	(12,145)	(142,324)
9 Total System Recoverable Expenses (Lines 6 + 7	7)	(12,671)	(12,049)	(6,452)	(3,752)	(3,153)	(25,193)	(25,925)	(25,769)	(25,672)	(25,785)	(25,975)	(18,027)	(210,423)
a Recoverable Costs Allocated to Energy	•	(12,671)	(12,049)	(6,452)	(3,752)	(3,153)	(25,193)	(25,925)	(25,769)	(25,672)	(25,785)	(25,975)	(18,027)	(210,423)
b Recoverable Costs Allocated to Demand		0	0	0	0	0	0	o o) o	0	0	0	0	0
10 Energy Jurisdictional Factor		0.9659659	0.9654552	0 9668446	0 9675073	0 9677012	0.9681736	0.9682646	0.9668420	0 9667508	0 9679181	0.9650989	0 9616660	
11 Demand Jurisdictional Factor		0.9650747	0.9650747	0.9650747	0.9650747	0 9650747	0.9650747	0 9650747	0 9650747	0 9650747	0 9650747	0 9650747	0.9650747	
12 Retail Energy-Related Recoverable Costs (B)		(12,257)	(11,649)	(6,247)	(3,635)	(3,055)	(24,412)	(25,120)	(24,932)	(24,836)	(24,975)	(25,086)	(17,348)	(203,552)
13 Retail Demand-Related Recoverable Costs (C)		(12,257)	0	0	0	(5,055)	0	(23,120)	(24,752)	(24,630)	(24,773)	(23,000)	(17,540)	(205,552)
14 Total Jurisdictional Recoverable Costs (Lines 12	2 + 13)	(12,257)	(11,649)	(6,247)	(3,635)	(3,055)	(24,412)	(25,120)	(24,932)	(24,836)	(24,975)	(25,086)	(17,348)	(203,552)

Votes

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⁽A) These monthly equity components grossed up for taxes were applicable: .5756% (Jan-Mar) 5823% (Apr) .5978% (May) .7073% (June) and .7347% (Jul-Dec). The approved ROE was 11.5% (Jan-Mar) and 12% (Apr-Dec) See Doc. 010949-EI

⁽B) Line 9a x Line 10 x 1.0014 line loss multiplier for Jan. - May, 1.0008 for June, and 1.0007 for July - Dec. (Line loss factor changed as a result of Order No. PSC-02-0787-FOF-EI in Doc. No. 010949-EI)

⁽C) Line 9b x Line 11

⁽D) Line 6 is reported on Schedule 6A and 7A

⁽E) Line 8 is reported on Schedule 4A and 5A