MEMORANDUM

June 25, 1996

TO: DIVISION OF RECORDS AND REPORTING

FROM: DIVISION OF AUDITING AND FINANCIAL ANALYSIS (VANDIVER)

RE: DOCKET NO. 960001-EI -- TAMPA ELECTRIC COMPANY

FUEL AUDIT REPORT - PERIOD ENDED MARCH 31, 1996

AUDIT CONTROL NO. 95-298-2-4

The above-referenced audit report is forwarded. Audit exceptions document deviations from the Uniform System of Accounts, Commission rule or order, Staff Accounting Bulletin and generally accepted accounting principles. Audit disclosures show information that may influence the decision process.

The audit working papers are available for review on request. There are confidential working papers associated with this audit.

Please forward a complete copy of this report to:

Tampa Electric Company Angela Llewellyn 702 North Franklin Street Tampa, Florida 33602-4418

DNV/sp Attachment

cc: Chairman Clark

Commissioner Deason Commissioner Johnson Commissioner Kiesling Commissioner Garcia

Mary Andrews Bane, Deputy Executive Director/Technical

Legal Services

Division of Auditing and Financial Analysis (Devlin/Causseaux/

File Folder)

Division of Electric and Gas (Dudley)

Tampa District Office (Bouckaert)

Research and Regulatory Review (Harvey) Office of Public Counsel

DOCUMENT NUMBER-DATE

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FLORIDA PUBLIC SERVICE COMMISSION

AUDIT REPORT

FOR THE TWELVE MONTHS ENDED MARCH 31, 1996

Field Work Completed

June 5, 1996

TAMPA ELECTRIC COMPANY

Tampa, Florida

Hillsborough County

Fuel Audit

Docket Number 960001-EI

Audit Control Number 95-298-2-4

Audit Manager

Audit Staff

Thomas E. Stambaugh

Minority Opinion

Yes No te

Ann Bouckaert

Public Utilities Supervisor

DOCUMENT NUMBER-DATE

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FPSC-RECORDS/REPORTING

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Executive Summary

I

Audit Purpose: We have applied the procedures described in Section II of this report to audit the appended Fuel Adjustment Cost Recovery Filings, Schedule A-1, filed by Tampa Electric Company in support of FPSC Docket Number 960001-EI for the six months periods ended September 30, 1995 and March 31, 1996.

Scope Limitation: The audit exit conference was held on June 5, 1996. The report is based on confidential information which is separately filed with the Commission clerk.

Disclaim Public Use: This is an internal accounting report prepared after performing a limited scope audit; accordingly, this document must not be relied upon for any purpose except to assist the Commission staff in the performance of their duties. Substantial additional work would have to be performed to satisfy generally accepted auditing standards and produce audited financial statements for public use.

Opinion: The appended exhibits A-1 of the Fuel Adjustment Clause Recovery Filing for the six months periods ended September 30, 1995 and March 31, 1996 represent Tampa Electric Company books and records maintained in substantial compliance with Commission directives. The expressed opinions extend only to the scope of work described in section II of this report.

Summary of Findings: The Utility is in compliance with revised Staff Advisory Bulletin #3 for purposes of calculating coal inventory. The Utility also changed its accounting for fuel additives from using accounts 151.13 and 501.XX to using 154.49 and 502.49 in compliance with Federal Energy Regulatory Commission Docket FA94-3-000.

II Audit Scope

The opinions contained in this report are based on the audit work described below. When used in this report, COMPILED means that audit work includes:

COMPILED - Means that the audit staff reconciled exhibit amounts with the general ledger; visually scanned accounts for error or inconsistency; disclosed any unresolved error, irregularity or inconsistency; and except as otherwise noted performed no other audit work.

FUEL REVENUE: Compiled general ledger revenue accounts 440.04, 442.04, 442.14, 442.24, 442.34, 444.03 and 445.03 on a monthly basis for the twelve month period and agreed to the Fuel Adjustment Recovery Filing (FAC). Tested a sample of customer bills to ensure the proper billing factor was being charged. Recomputed fuel revenues using FPSC approved rate factors and company provided KWH sales.

FUEL COST OF SYSTEM NET GENERATION: Compiled accounts 501, 509, 547 and 552 for recoverable fuel expense on a monthly basis for the twelve month period and agreed to the FAC. Verified that the Utility accounts for coal in compliance with the revised Staff Advisory Bulletin #3 and that it accounts for additives according to FERC Dkt FA94-3-000. Agreed purchases to selected invoices and agreed terms to supporting contracts.

TOTAL COST OF PURCHASED POWER: Tested the filing schedules A6, A7, A8 and A9 by tracing to a sample of original invoices. Verified that the Utility is recording sales of economy energy and interchange power transactions according to Staff Advisory Bulletin #20.

GPIF AND TRUE-UP: Agreed amounts shown on the filings to the amounts authorized by the FPSC.

OTHER: Read the minutes of Tampa Electric Board of Directors meetings since the previous audit. Read the audit workpaper files of the most recent outside audit of Tampa Electric Co. Performed analytical review procedures on unit prices and costs of generation. Recalculated coal inventory adjustments. Traced inventory adjustments to the general ledger. Verified that the inventory adjustments were used in the determination of generating costs using coal.

AUDIT DISCLOSURE NO. 2

SUBJECT: Accounting for Additives

STATEMENT OF FACT: In the previous fuel audit, Tampa Electric Co. (TEC) classified fuel additives to general ledger account 151.13. The accounting for additives was addressed in Federal Energy Regulatory Commission (FERC) Dkt. FA94-3-000. The FERC stated that TEC was using accounts 151 and 501 for inventory and expense, respectively. The FERC cited one of its previous rulings in which it had instructed another utility to use accounts 154 and 502 for inventory and expense. The FERC instructed TEC to use these same inventory and expense accounts.

STATEMENT OF OPINION: In the current fuel audit, TEC used accounts 154.49, Additives as its inventory account and account 502.49, Steam Operations-Big Bend, as its expense account.

STATEMENT OF CONCLUSION: TEC stands in compliance with the instructions in FERC Dkt FA94-3-000.

COMPARISON OF ESTIMATED AND ACTUAL FREE AND PRECEASED POWER COST RECOVERT FACTOR TARPA ELECTRIC COMPANY PERIOD TO DATE TREORGE: SEPTEMBER, 1995

						272			ccots/TES			
	ACTEAL ESTIEA		ESTIBATED DIFFERENCE		ACTEMA ESTIMATED		MITTERESCE		PCASTT ERLIEFE		DIFFERENCE ADDREST E	
2. Speat Baclear Feel Bisposal Cost		194,683,258	\$250,355 6,255,35 8	3.2 9.9 9.0	9,295,473	1,952,162	214,337 0 0	1.4 1.4 1.8	2.15157 0.00000 9.00000	2,15415 0,00000 8,00000 9,00000	8.91772 8.90000 0.90000 (0.00025)	0.1 0.0 0.0 0.0
), Coal Car Investment 6. Adjustments to Fool Coat 4a. Adjustments to Fool Coat (b. Adjustments to Fool Coat [Folk Pro]. Hearry)	(22,988) 1,813,263 (36,648)	831,108 8	(22,938) 187,823 (26,646)	0.0 12.5 0.0	9,286,479 (a) 5,186,475 (a) 5,266,470 (a)	8,932,142 (a) 8,952,142 (a) 8,992,162 (a)	214,337 214,337 214,337	iii		8.86525 8.86005	0.00197 (0.00060)	0.9
5. TOTAL COST OF GENERATED POSES (LINES 1 TERCOCE (5)		195,434,784	6,398,181	1.1	5,205,479	8,992,142	216,337	1.4	1.19229	2.17325	9.81898	******
5. Fuel Cost of Purchased Power - Firm [AT] 1. Lacrgy Cost of Sch C. I Ecosomy Purchases (Broker) [AB] 2. Lacrgy Cost of Other Ecosomy Purchases (Ros-Broker) (AS) 3. Lacrgy Cost of Sch. I Ecosomy Purchases (AS) 10. Copacity Cost of Sch. I Ecosomy Purchases 11. Payments to Qualifying Facilities (AS)	8,548,877 641,416	5,529,588 624,500 8 8 0 4,577,808	3,048,317 16,916 8 8 0 (912,451)	\$5.2 2.7 8.8 8.6 8.6 (21.2)	130,838 18,655 0 0 0 241,557	150,153 10,415 0 0 (a) 234,743	100,633 248 0 0 0 0 6,314	128.3 1.3 0.9 6.9 8.8 1.3	2,59001 3,43831 8,80006 8,00000 8,00008 1,43255	2.67658 3.39125 0.00000 0.00000 0.00000 1.55013	(1.08651) 0.04705 0.00000 0.00000 0.00000 (0.45750)	(29.5) 1.4 8.8 8.5 9.8 (23.5)
12. TOTAL COST OF PERCASED POWER (LIMES & TRROWGR 11)	12,815,642	10,722,000	2,092,842	15.5	531,048	403,311	187,737	16.5	2.16829	1.65869	(9.43048)	[18.4]
12. TOTAL AVAILABLE THE (LINE 5 + LINE 12)		**********	**********		9,197,527	9,295,453	402,014	4.1				
16. Feel Cost of Economy Sales (AE) 15. Gain on Economy Sales - NVE (AE) 16. Feel Cost of Sch. B Separ. Sales (AE) 17. Feel Cost of Sch. B Jariad. Sales (AE) 18. Feel Cost of Sch. B Jariad. Sales (AE) 18. Feel Cost of Sch. S Jariad. Sales (AE)	13,863,586 3,101,181 2,112,713 345,421 53,510	13,055,300 2,093,049 2,558,700 259,200	1,814,147 154,879 (53,773) 59,919	6.2 (8.5 6.0 (13.5) 9.0	918,285 918,285 216,749 24,776 2,611	191,161 191,161 (a) 115,690 24,651	172,428 172,438 31,059 113 2,611	21.5 21.5 15.7 5.5 8.9 (13.0)	1.42837 8.32925 1.25158 1.32429 2.23452 3.49383	1.63698 0.20236 1.37794 1.61901 0.00000 1.76376	(8.20101) 8.05798 (8.12636) (8.22681) 2.25452 1.66007	(12.1) 22.1 (3.2) (13.9) 0.0 95.2
15. Fuel Cost of Sch. J Jurind. Sales (AS) 10. Fuel Cost of SFP Sch. B Separ. Sales (AS) 21. Fuel Cost of Other Power Sales (AS)	1,552,731	1,549,100	406,569 43,631 0	55.5 1.8 0.0	13,834 58,338	12,355 12,163 0	13,515 13,515	(5.5)	1.33181 9.88888	2.14351 0.00000	8.18858 8.86088	13
22. TOTAL FEEL COST AND GAINS OF POWER SALES [LINE 16 + 15 + 16 + 17 + 18 + 15 + 26 + 21]	22,610,213	20,241,040	2,429,249	12.0	1,311,783	1,113,776	197,927	9.8	1.12831	1.81733	(8,08982)	(4.9)
 Physical Rec'd. less Theeling Delv'd. Physical Rec'd. less Theeling Delv'd. Interchange and Wheeling Losses 					1,485	19,834	1,485	16.4				
26. TOTAL FEEL AND MET POWER TRANSACTIONS	191,978,244	125,916,464	6,061,780	1.1	8,465,375	8,281,843	203,532	2.5			0.01751	11111111
[LIES 5 + 12 - 22 + 23 + 24 - 25] 21. Bet Subilled 23. Company Use 23. 7 h P Leases	4,891,196 (a 625,373 (a 9,864,251 (a	3,568,683 (a) 378,658 (a) 9,414,513 (a)	1,322,501	31.1 12.5	215,679 18,757 299,788	158,587 16,800 418,367	51,892 1,951 (18,587)	35.8 11.4 (6.6)	0.06246 0.00543 0.11517	0.06656 0.00633 0.12218	8.81592 8.00050 (8.08101)	******
10. System EVE Sales 11. Vholesale EVE Sales	191,918,244 ^A {1,053,204}	185 (515,464 (785,686)	6,861,788 [267,598]	1.1	1,831,159 (42,018)	1,668,889 (32,753)	163,078 (3,251)	21.1	2.45147 2.50647	1.42455	8.82692 0.18853	1.1
12. Jurisdictional EVB Sales	138,925,040	185,130,858	5,194,182	1.1	7,789,143	1,635,330	153,813	2.0	f 45117	1.41444	8.02651	1.1
13. Jurisdictional Loss Haltiplier - 1.0005 14. Jurisdictional EVB Sales Adjusted for Line Losses	191,029,503	115,111,411	5,131,080	3.1	1,115,141	1,635,336	153,813	2.4	1.45225		0.02652	1.1
15. Prabody Coal Coalract Bay-Out Asset. Jurisdictionalised		1,551,543	509,761	19.3	1,783,143	7,635,330	151,011	1.0	0.02938	8.03350	0.00548	17.6
16. True-up 1	(6,423,678)	(6,423,618)		0.0	1,189,163	1,615,330	153,813	2.0	[0.88247) (0.00(13)	0.00155	[2.0]
11. Total Jurisdictional Ford Cost (Excl. GPIF) 18. Bergone Tex Factor	111,644,129	181,357,288	8,386,841	1.5	1,189,143	1,635,338	153,813	1.0	2.40938 1.00083 2.41138	1.00083	0.03405 0.00000 0.03403	1.4 0.0 1.4
19. Feel Coat Adjusted for Taxes (Excl. GPIF) (0. GPIF = [Already Adjusted for Taxes]	146,199	146,155		0.0	1,719,163	1,615,118	153,813	2.0	0.0012	0.00191	(0.00001)	(1.6)
il. feel Coat Adjusted for Taxes (Incl. 6717)	187,810,328	181,583,487	6,306,861	1.5	1,789,143	1,635,330	153,113	1.0	2.41311		0.03406	
47 Fact FAC Seconded to the Rearest . 681 ceals per EVE			27.52.20.000403						1.41	1.173	8.634	1.4

^{47.} Faci FAC Sounded to the Bearest .001 cents per EVE

* Based on Jurisdictional Sales (s) included for informational purposes only

CONFIDENCE OF ESTIMATED AND ACTUAL FIRST AND PROCESSED POURS COST ESCOPER FACTOR TAMPA FLECTRIC COMPARY PERIOR TO BATE TRBOSCE: MARCE, 1996

		1				m			cests/[%8			
	ACTEAL	ESTERNIER	DIFFERE	ICE	YCLBYF	ESTIBATED	- 1111111			ESTIMATER	\$155555T	
1. Feel Cost of System Net Generation (A3) 2. Speak Nuclear Feel Disposal Cost 3. Coal Car (persional	111,858,922	161,565,683	13,293,319 8	1.1	8,503,516 9 0	8,010,253 8 8	18018T 153,253 0	6.2 8.8 8.8	2.89153 8.80400 8.86400	2.05112 8.00000 8.00000	0.63716 9.00000 8.00000	1.8 0.8 0.8
(s. Adj. to Feel Cost [Ft.Meade/Nauch. Wheeling Losses) (b. Adjustments to Feel Cost [Allow.] (c. Adjustments to Feel Cost [Fell Proj. Beserve)	(18,035) 630,015 (603,836)	596,298 6	(18,093) 33,747 (603,874)	5.1 5.1	8,583,546 (a) 8,583,546 (a) 8,583,546 (a)		(33,253 (33,253 (33,253	6.2 6.2 6.2	(0.00710)	8,80000 9,80741 9,80000	[0.00021] [0.00003] [0.00710]	(0.1) 0.0
5. TOTAL COST OF GENERATED POWER (LINES 1 THROWGH &c)	111,867,832	165,161,901	12,105,131	1.1	8,503,546	8,010,293	(93,253	6.2	2.05163	2.06187	0.02501	1.1
5. Fort Cost of Purchased Poorr - Firm [AT] 7. Energy Cost of Sch C,E Economy Purchases (Brober) [AS] 8. Energy Cost of Other Economy Purchases (Non-Broker) [AS] 9. Energy Cost of Sch. E Economy Purchases (AS) 16. Capacity Cost of Sch. E Economy Purchases 11. Payments to Qualifying Facilities (AS)	3,144,299 582,449 0 0 0 0 0 1,110,514	1,184,806 18,708 8 8 8 3,391,786	1,360,299 511,749 0 0 (273,186)	75.2 723.8 0.0 0.0 8.0 (0.1)	52,830 16,646 8 8 8 221,651	30,971 2,435 6 8 8 (a) 233,010	21,119 16,207 8 8 (5,253)	58.2 582.5 0.0 0.0 0.0 (2.3)	6.03628 3.63363 8.00400 9.00000 8.00000 1.35383	5,76823 2,83873 0,00000 0,00000 0,00000 1,65560	8.27585 8.69038 8.69048 8.68086 8.68086 (8.68571)	4.8 29.7 8.8 8.8 6.8 (5.9)
12. TOTAL COST OF PERCHASES POSES (LINES & TREGECE 11)	6,145,262	5,245,400	1,550,862	10.5	256,393	266,128	29,513	11.1	2.30952	1.96922	0.31030	11.1
13. TOTAL AVAILABLE END (LINE 5 + LINE 12)			100	Alam .	1,755,525	8,216,713	523,226	1.3				
14. Feel Cost of Economy Sales (AE) 15. Gain on Economy Sales - BME (AE) 16. Feel Cost of Sch. B Separ. Sales (AE) 11. Feel Cost of Sch. B Jurind. Sales (AE)	14,565,774 2,838,255 2,575,874 539,311	13,954,308 2,257,528 2,935,360 474,189	611,474 1,589,725 (15,426) 65,211	1.4 10.0 (0.5) 13.8 0.0	1,098,366 1,098,366 264,796 48,614	928,923 928,923 (*) 231,916 12,195	169,613 169,613 12,589 8,613	18.2 18.2 5.6 26.2	1.32513 0.34545 1.21125 1.32783 0.00408	1.50228 8.24303 1.29155 1.47259 8.00000	(0.17607) 0.10612 (0.87426) (0.11470) 0.00000	(11.7) 43.8 (5.7) (3.8) 9.8
18. Feel Cost of Sch. G Jorisd. Sales (85) 11. Feel Cost of Sch. J Jorisd. Sales (85) 16. Feel Cost of RPP Sch. B Separ. Sales (86) 11. Feel Cost of Other Power Sales (86)	223,235 734,433	1,637,500 0	[599,581] [783,861]	[12.1] (13.1) 0.0	11,713 35,126	51,422 61,115 8	[39,649] 28,009]	{11.1 43.3 0.0	1.89678 2.85574 8.88888	1.60009 2.75543 8.00000	0.25661 (0.13365) 0.00000	(1.5) (1.1) 4.6
27. TOTAL FREL COST AND GAIRS OF POWER SALES [LIRE 14 + 15 + 16 + 17 + 18 + 19 + 20 + 21] 23. Set Inadection Inderchange 24. Wheeling Rec'd. less Wheeling Bels'd. 25. Interchange and Wheeling Lasses	22,880,950	21,941,520	139,438	1.1	1,431,275 (935) 1,442 24,713	1,368,131 0 0 22,865	(935) (,442 (,514	9.1 0.8 0.9 0.1	1.5984	1.67724	(0.67858)	{6.1}
26. TOTAL SPEL AND NET POWER TRANSACTIONS [LINF 5 + 12 - 22 + 23 + 24 - 25] 22. Set Babilled 28. Coopeny Ste 23. 7 & 3 Lenges	538,854 (+)	148,466,781 13,428,192)(a) 338,585 (a) 5,792,322 (a)	531,469		1,344,452 (156,148) 42,203 311,746	(160,311) (160,311) 15,840 317,765	118,115	3.4 166.5 (1.5)		7.13753 (0.05862) 0.00580 0.10025	0.06552 (0.00051) 0.00000 (0.00131)	1.1 168.8 (1.3)
18. System EVB Sales 11. Wholesale EVB Sales	161,831,344 (652,065)	148,456,781 (816,375)	13,364,563	9.8 (29.1)	7,156,645 (28,274)	6,772,693 [37,681]	384,152 9,333	5.1 (24.8)	2.28127 2.38624	2.19220 2.17082	8.86987 8.13542	1.1 6.1
12. Jurisdictional SNE Sales 11. Jurisdictional tass Aultiplier - 1.0005	161,179,279	147,650,402	13,528,817	1.1	1,128,371	6,734,888	353,485	14.8	2.26118	2.13232	0.06278	1.1
14. Jurisdictional DM Sales Adjusted for Line Louses	161,259,869	167,124,227	13,525,442	9.2	7,128,311	6,734;886	191,485	5.1	2.25223	2.19312	8.06241	1.1
15. Peabody Coal Contract Buy-Out Amort. Jurisdictionalized	2,980,585	2,975,681	1,981	0.7	7,128,371	6,734,886	393,485	5.1	0.04181	0.04418	(0.00737)	(5.1)
36. True-up 4	1,925,155	1,125,155	0	0.0	7,128,311	6,734,886	193,485	5.4	8.12521	0.13252	(9.80731)	[5.5]
. 17. Total Jurisdictional Feel fast (fiel, GFIF) 18. Resember for Factor 19. Surf fast Adjusted for Totas (fiel, GFIF) 18. GFIF = (Alexady Edjusted for Totas)	[170,816]	(175,815)	13,510,516	1.1	7,128,371	6,734,886	393,(85 111111111111111111111111111111111111	5.8	2.42925 1.60683 2.43127 (0.00668)	2.37812 1.00483 2.37299 (8.89653)	0.05513 0.00000 0.05518 0.00013	2.5 0.0 2.5 (5.6)
II. Feel Cost Adjusted for Taxes [Incl. CPIF]	177,691,791	159,154,217	13,510,516	1.5	T,128,171	6,131,886	111,605	5.1	2.12167	2.16518	0.05551	1.5
12. Feel FM Bounded to the Regrest .001 cents per Dil	an larring	***************************************	1117771711111	1117/111	minime.	11111111111	11-111111111	********	1.125	7.165	0.868	1.5

¹ Rased on Jurisdictional Sales [2] included for informational purposes only

State of Florida

Commissioners: SUSAN F. CLARK, CHAIRMAN J. TERRY DEASON JULIA L. JOHNSON DIANE K. KIESLING JOE GARCIA



DIVISION OF RECORDS & REPORTING BLANCA S. BAYO DIRECTOR (904) 413-6770

Public Service Commission

June 27, 1996

Angela Llewellyn Tampa Electric Company 702 North Franklin Street Tampa, Florida 33602-4418

> Docket No. 960001-EI - Tampa Electric Company RE:

Fuel Audit Report - Period Ended March 31, 1996

Audit Control #95-298-2-4

Dear Ms. Llewellyn:

The enclosed audit report is forwarded for your review. Any company response filed with this office within ten (10) work days of the above date will be forwarded for consideration by the staff analyst in the preparation of a recommendation for this case.

The Division of Records and Reporting is holding the workpapers for which you requested confidential treatment. You have 21 days from the audit exit conference, or June 26, 1996, to file a formal request for Confidential Classification with the Division of Records and Reporting.

Thank you for your cooperation.

Sincerely,

Kay Flynn, Chief

Bureau of Records

KF/mas Enclosure

cc: Public Counsel Ausley Law Firm