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FILE COPY

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION
DOCKET NO. 950495 - WS
APPLICATION FOR A GENERAL RATE INCREASE

**VOLUME I
BOOK 9 OF 22**

**MINIMUM FILING REQUIREMENTS
PREFILED DIRECT TESTIMONY**

Containing

J. DENNIS WESTRICK, P.E.

DOCUMENT NUMBER/DATE

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FPSC-RECORDS/REPORTING

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DIRECT TESTIMONY OF J. DENNIS WESTRICK, P.E.
BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
ON BEHALF OF
SOUTHERN STATES UTILITIES, INC.
DOCKET NO. 950495-WS

1 Q WHAT IS YOUR NAME AND BUSINESS ADDRESS?

2 A. My name is J. Dennis Westrick, P.E., and my business address is 1000
3 Color Place, Apopka, Florida 32703.

4 Q. BY WHOM ARE YOU EMPLOYED AND WHAT IS YOUR
5 POSITION?

6 A. I am employed by Southern States Utilities, Inc. ("Southern States") as
7 Senior Engineer in the Planning and Engineering Department.

8 Q. WHAT IS YOUR EDUCATIONAL BACKGROUND AND WORK
9 EXPERIENCE?

10 A. I received my Masters Degree in 1980 from the University of Notre Dame
11 with a major in Environmental Health Engineering. In 1976 I received a
12 Bachelor of Science Degree from Western Kentucky University with a
13 major in Environmental Engineering Technology.

14 I have 15 years experience working for a private consulting
15 engineering firm in the water and wastewater industry and have been with
16 Southern States Utilities for the past two years. In 1978 I began as an
17 engineer with the consulting engineering firm of Howard Needles Tammen
18 and Bergendoff in Indianapolis, Indiana. Through my nine years with the
19 firm in the Indianapolis office, I served as an assistant project engineer and
20 progressed to project manager working on a variety of water and
21 wastewater projects. Project assignments included planning, design and
22 construction administration for new and existing water

1 supply/treatment/distribution facilities and wastewater collection/treatment
2 facilities. The majority of the projects were associated with municipal
3 clients although my experience also included engineering services for
4 industrial facilities.

5 From December 1986 through May 1993, I served as a senior
6 project manager for Howard Needles Tammen and Bergendoff in their
7 Orlando, Florida office. I was assigned to various water and wastewater
8 planning and design projects for both municipal and industrial clients.

9 In May of 1993, I began employment with SSU in their planning
10 and engineering department. I am currently serving as a senior engineer
11 with project management responsibilities for both water and wastewater
12 facilities.

13 **Q. WHAT ARE YOUR PROFESSIONAL AFFILIATIONS?**

14 **A.** I am a Professional Engineer and have been registered to practice in the
15 State of Florida since 1988 and in the State of Indiana since 1984. I am
16 a member of the American Waterworks Association and Water
17 Environment Federation and Florida Pollution Control Association.

18 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS**
19 **PROCEEDING?**

20 **A.** I will sponsor the information provided in Volume II, Book 4 of 4, and
21 present facts relative to the plant in service investments made by SSU
22 since the last rate orders for the facilities included in this filing. Southern

1 States' use of a 1996 projected test year to establish prospective rates is
2 supported by the fact that in Southern States' last two rate proceedings
3 using projected test years, Docket Nos. 920655-WS (Marco Island) and
4 911188-WS (Lehigh), SSU was very successful in completing the plant in
5 service projects we forecasted for the projected test years used in those
6 proceedings. As with those proceedings, Southern States has been
7 selective in the investments we request that the Commission include in the
8 Commission's final rate order. Southern States has requested recovery in
9 this proceeding of all projects completed since rates last were established
10 as well as those projects which will be completed in 1995 or 1996,
11 projects such as water transmission and wastewater collection replacements
12 and expansions; meter replacements and new meter installations in
13 magnitudes confirmed by our past experience and current planning
14 requirements; projects which must be completed to comply with DEP,
15 water management district or EPA permit requirements; and other projects
16 generally required to comply with environmental laws, rules and standards
17 in 1996. In addition, I will provide facts concerning SSU's planning and
18 engineering department which demonstrate how SSU's water and
19 wastewater services are functionally related, cross county boundaries and
20 represent one utility system.

21 **Q. COULD YOU BRIEFLY DESCRIBE THE CAPITAL PLANT IN**
22 **SERVICE INVESTMENTS SSU HAS MADE SINCE THE LAST**

1 **RATE ORDERS FOR THE SERVICE AREAS INCLUDED IN THIS**
2 **FILING?**

3 A. Yes, Exhibit ____ (JDW-1) presents a summary of the additions which
4 SSU placed or will place in service by year for the service areas included
5 in this filing. The capital project summary is categorized by type: namely
6 water, sewer or general plant. Overall, SSU has made more than
7 \$97,000,000 in plant additions since rates were last established with \$56
8 million invested in the water facilities, \$31 million in the wastewater
9 facilities and \$11 million in general plant facilities.

10 Of the total investment, approximately 45% has been the result of
11 efforts to comply with safety issues and regulatory mandates. These
12 investments were necessary to meet the increasingly stringent
13 Environmental Protection Agency (EPA), Florida Department of
14 Environmental Protection (FDEP) and the water management district rules
15 and regulations. The other 55% represents investments related to service
16 area growth, quality of service, and general improvements. These
17 investments were for improvements needed to ensure the availability and
18 reliability of service, to compensate for changes in the source of supply
19 and to achieve a common goal of the State of Florida and SSU, protection
20 of the environment for the future. The breakdown of our water,
21 wastewater and general plant investments by priority code -- (1) safety; (2)
22 regulatory mandate; (3) growth; (4) quality of service; and (5) general

1 improvement -- is provided in Exhibit ____ (JDW-2).

2 Volume II, Book 4 of 4, contains a detailed list identifying all
3 projects either placed or to be placed in service during the period since
4 rates last were established through December 31, 1996. Every project
5 which SSU seeks to recover in rate base is identified with the
6 corresponding priority code. The plant in service projected for 1995 and
7 1996 includes projects which SSU is confident will be completed in the
8 time frames specified in Volume II, Book 4 of 4. As explained by witness
9 Denny, portions of the projected 1995 and 1996 plant in service, namely
10 meters, service lines and renewals and replacements, are based primarily
11 upon historic experience and projected customer growth. The remainder
12 of the 1995 and 1996 investments for water and wastewater operations
13 include projects which have been initiated prior to 1995 and will be
14 completed in 1995 (\$18,714,549); initiated in 1995 to be completed in
15 1995 (\$5,348,994) or 1996 (\$10,690,432) or to be initiated and completed
16 in 1996 (\$4,108,913) to meet high priority needs.

17 **Q. COULD YOU PLEASE DESCRIBE THE INFORMATION**
18 **CONTAINED IN EXHIBIT ____ (JDW-3)?**

19 **A.** Yes. One of the principal arguments consistently voiced against SSU's
20 uniform rate structure is that customers located in our larger service areas
21 with the larger customer bases are paying for SSU investments in smaller,
22 allegedly dilapidated facilities used to provide service to the smaller

1 customer bases. Exhibit ____ (JDW-3) reveals that \$63,572,350 of the
2 additional \$86,397,095 of water and wastewater plant placed in service
3 (excluding general plant) since rates last were established, or
4 approximately 74% of the additional plant, was added to serve the service
5 areas with the ten largest customer bases (excluding Buenaventura Lakes).
6 The ten largest customer bases, constituting approximately 66% of the total
7 customers included in this filing are located in the following service areas:
8 Deltona Lakes, Lehigh, Marco Island, University Shores, Beacon Hills,
9 Deep Creek, Sugar Mill Woods, Marion Oaks, Amelia Island and Citrus
10 Springs. Except as I will note shortly, under uniform rates, these
11 investments will be spread over the more than one hundred thousand
12 customers included in this filing. These facts conflict with the perception
13 that larger service areas do not receive any benefit from the uniform rate
14 structure.

15 I also would like to note that the Marco Island service area
16 received \$18 million of water investments since April 30, 1993, the date
17 rate base was last established. The other reverse osmosis facility included
18 in the reverse osmosis service classification, Burnt Store, received \$3.7
19 million of water investments since December 31, 1991, the date rate base
20 was last established. These facts support SSU's proposal to segregate out
21 the Marco Island and Burnt Store reverse osmosis facilities into a separate
22 water service classification and not spread investments in these facilities

1 to other customers receiving service from conventional treatment facilities.

2 **Q. ARE THERE ANY OTHER FACTS WHICH REFUTE**
3 **ALLEGATIONS OF LARGE SERVICE AREAS PAYING FOR THE**
4 **SMALLER SERVICE AREAS?**

5 A. Yes. Exhibit ____ (JDW-4) provides a list of projects which exceed
6 \$100,000 for the individual service areas. This exhibit reveals that 22 of
7 the 29 service areas with a combined water and wastewater customer base
8 in excess of 500 customers, as identified in Exhibit ____(JDW-3), have had
9 or will have had at least one project which cost in excess of \$100,000
10 through December 31, 1996. Only 2 of the 31 service areas with a
11 combined customer base of less than 100 customers had or will have a
12 project which cost in excess of \$100,000 during the same period -- and
13 one of these service areas, Sunshine Parkway, serves commercial
14 customers so its small customer base is not indicative of its load
15 characteristics. In fact, only 6 of these 31 smaller service areas had a
16 project which cost in excess of \$50,000, again, including Sunshine
17 Parkway. These facts further refute the allegation that smaller service
18 areas are the principal causes of higher rates.

19 **Q. CAN YOU DESCRIBE HOW THE PLANNING AND**
20 **ENGINEERING DEPARTMENT STRUCTURE AND FUNCTIONS**
21 **REFLECT HOW SSU IS ONE UTILITY?**

22 A. SSU has a single planning and engineering department located at the

1 Company's headquarters in Apopka, Florida. Planning and engineering
2 projects for all facilities statewide originate in and are managed by the
3 department staff.

4 The department is directed by a single vice-president and is
5 comprised of an engineering group which is staffed by seven registered
6 professional engineers, including the vice president, and four assistant
7 engineers. In addition to the engineering group, the department contains
8 a CADD/drafting group and a construction services group. Including
9 support personnel, the planning and engineering department is currently
10 staffed by 25 employees. The entire staff functions as a centralized
11 department with responsibilities for projects on a statewide basis. Policies
12 and design standards are developed for application to capital improvement
13 projects on a company-wide basis. Although the scope of a design project
14 may vary from plant to plant, design practices and procedures are
15 standardized and applied across the state.

16 The department has biweekly staff meetings to discuss the status
17 of projects as well as procedures and standards. Ideas and suggestions are
18 shared among the engineering staff to be applied statewide as necessary.
19 Design and project management expertise is shared among the staff. This
20 enables the staff to efficiently use their resources to apply to each project
21 for a facility regardless of county boundaries or where in Florida the
22 facility is located.

1 Q. WILL THE ACTIVITIES AND SERVICES PROVIDED BY YOUR
2 DEPARTMENT BE EXTENDED TO THE BUENAVENTURA
3 LAKES, LAKESIDÉ, VALENCIA TERRACE AND SPRING
4 GARDENS SERVICE AREAS UPON TRANSFER TO SSU
5 OWNERSHIP?

6 A. Yes, these services areas either are or will be incorporated into SSU's
7 utility system and will receive the services provided by the Planning and
8 Engineering Department which I have described.

9 Q. DOES THAT CONCLUDE YOUR TESTIMONY?

10 A. Yes, it does.

SOUTHERN STATES UTILITIES, INC.
Plant Additions by Service Type - FPSC Regulated Plants

Service Type	Actual		Budget		Total	
	1985-91 <i>(Non-Uniform)</i>	1992-94	1995	1996		
Water	501,570	25,356,661	17,862,105	12,119,786	55,840,122	57.5%
Wastewater	14,362	21,661,614	6,201,437	2,679,559	30,556,973	31.5%
Subtotal	515,932	47,018,275	24,063,543	14,799,345	86,397,095	
General Plant	42,776	5,852,521	2,952,282	1,911,275	10,758,854	11.1%
TOTAL	558,708	52,870,796	27,015,825	16,710,620	97,155,948	

SOUTHERN STATES UTILITIES, INC.

Plant Additions by Priority - FPSC Regulated Plants

Service Type	Actual		Budget		Total	
	1985-91 <i>(Non-Uniform)</i>	1992-94	1995	1996		
<i>1-Safety</i>						
Water	0	249,929	5,168,473	635,939	6,054,341	
Wastewater	0	780,561	317,237	462,764	1,560,563	
General Plant	0	191,200	99,678	1,358,190	1,649,068	
	0	1,221,690	5,585,389	2,456,893	9,263,972	9.5%
<i>2-Regulatory Mandate</i>						
Water	0	10,831,171	4,415,654	2,425,637	17,672,462	
Wastewater	0	11,146,229	3,518,866	532,287	15,197,383	
General Plant	0	579,198	55,306	0	634,504	
	0	22,556,599	7,989,826	2,957,924	33,504,349	34.5%
<i>3-Growth</i>						
Water	501,570	10,090,397	5,082,211	6,004,204	21,678,382	
Wastewater	14,362	6,484,211	1,756,822	1,201,259	9,456,654	
General Plant	42,776	1,472,780	1,772,047	15,000	3,302,603	
	- 558,708	18,047,388	8,611,080	7,220,464	34,437,639	35.4%
<i>4-Quality of Service</i>						
Water	0	3,636,998	3,063,010	3,054,005	9,754,014	
Wastewater	0	732,839	470,771	465,399	1,669,009	
General Plant	0	491,586	768,181	529,550	1,789,318	
	0	4,861,424	4,301,963	4,048,954	13,212,341	13.6%
<i>5-General Improvement</i>						
Water	0	548,166	132,757	0	680,923	
Wastewater	0	2,517,774	137,741	17,850	2,673,365	
General Plant	0	3,117,756	257,070	8,535	3,383,361	
	0	6,183,696	527,568	26,385	6,737,648	6.9%
TOTAL	558,708	52,870,796	27,015,825	16,710,620	97,155,948	

<u>Service Area</u>	<u>Total Number of Customers (W/WW)</u>	<u>Total Plant In Service Additions</u>
Amelia Island	3,212	\$ 1,719,797
Beacon Hills	6,356	\$ 3,610,960
Citrus Springs	2,609	\$ 2,463,317
Deep Creek	6,441	\$ 851,247
Deltona Lakes	28,630	\$11,755,631
Lehigh	16,262	\$11,470,621
Marco Island	8,081	\$24,429,920
Marion Oaks	4,168	\$ 2,909,064
Sugar Mill Woods	5,170	\$ 2,401,633
University Shores	<u>7,527</u>	<u>\$ 1,960,160</u>
	88,456	\$63,572,350

Total Customers (W/WW) Included in Filing: 133,681

Total W/WW Plant In Service Additions (excluding general plant) For All Service Areas: \$86,397,095

Percentage of Total Customers Living in Ten Largest Service Areas: 66.18%

Percentage of Total W/WW Plant In Service (excluding general plant) Invested in Plant Serving Ten Largest Service Areas: 73.58%

**SCHEDULE OF 1996
AVERAGE NUMBER OF CUSTOMERS
BY SERVICE AREA**

501 CUSTOMERS AND UP

	Service Area	Water	Wastewater	Total
1.	Deltona	23911	4719	28630
2.	Buenaventura Lakes	9176	7360	16536
3.	Lehigh	9079	7183	16262
4.	Marco Island	6144	1937	8081
5.	University Shores	3890	3637	7527
6.	Deep Creek	3182	3259	6441
7.	Beacon Hills	3178	3178	6356
8.	Sugarmill Woods	2622	2548	5170
9.	Marion Oaks	2797	1371	4168
10.	Amelia Island	1757	1455	3212
11.	Citrus Springs	1917	692	2609
12.	Woodmere	1189	1180	2369
13.	Palm Terrace	1193	1035	2228
14.	Silver Lake Estates/Western Shores	1449	0	1449
15.	Burnt Store	706	641	1347
16.	Sugar Mill	638	634	1272
17.	Apple Valley	983	167	1150
18.	Keystone Heights	1004	0	1004
19.	Zephyr Shores	484	482	966
20.	Pine Ridge	938	0	938
21.	Chuluota	684	136	820
22.	Leilani Heights	396	391	787
23.	Valencia Terrace	365	366	731
24.	Meredith Manor	651	29	680
25.	Citrus Park	366	272	638
26.	Sunny Hills	437	179	616

	Service Area	Water	Wastewater	Total
27.	Marco Shores	308	265	573
28.	Tropical Park	548	0	548
29.	Point O' Woods	361	147	508

101 TO 500 CUSTOMERS

	Service Area	Water	Wastewater	Total
1.	Leisure Lakes (Covered Bridge)	243	230	473
2.	Enterprise Utility Corp.	244	136	380
3.	River Park	359	0	359
4.	Fisherman's Haven	144	144	288
5.	Tropical Isles	0	284	284
6.	Lake Harriet Estates	284	0	284
7.	Spring Gardens	134	134	268
8.	Apache Shores	152	112	264
9.	Intercession City	258	0	258
10.	Interlachen Lakes/Park Manor	250	0	250
11.	Druid Hills	249	0	249
12.	Imperial Mobile Terrace	241	0	241
13.	Salt Springs	119	114	233
14.	Jungle Den	113	117	230
15.	Venetian Village	140	89	229
16.	Pine Ridge Estates	218	0	218
17.	Palm Port	106	106	212
18.	Fox Run	107	104	211
19.	Palm Valley	210	0	210
20.	Oakwood	209	0	209
21.	Holiday Haven	111	92	203
22.	Fern Park	182	0	182
23.	East Lake Harris Estates	176	0	176

	Service Area	Water	Wastewater	Total
9.	Palisades Country Club	80	0	80
10.	Bay Lake Estates	74	0	74
11.	Morningview	37	36	73
12.	Beechers Point	47	16	63
13.	Lake Brantley	67	0	67
14.	Harmony Homes	63	0	63
15.	Kingswood	62	0	62
16.	Dol Ray Manor	61	0	61
17.	Palms Mobile Home Park	58	0	58
18.	Silver Lake Oaks	29	27	56
19.	Holiday Heights	53	0	53
20.	Florida Central Commerce Park	0	45	45
21.	South Forty	0	38	38
22.	Fountains	34	0	34
23.	Park Manor	0	30	30
24.	Wootens	25	0	25
25.	Sunshine Parkway	13	10	23
26.	Friendly Center	21	0	21
27.	Quail Ridge	18	0	18
28.	Lakeview Villas	12	0	12
29.	Gospel Island Estates	8	0	8
30.	Stone Mountain	8	0	8
31.	Samira Villas	2	0	2

Southern States Utilities, Inc.

Plant Book Detail Summary (projects over \$100,000)

(FPSC Regulated Water and Wastewater Plant Additions)

Year	Project Number	Description	Project Cost
Amelia Island			
1995	94CN035	WWTP RERATING/EXPANSION	403,693
1995	95CN700	SUMMER BEACH EFF LINE	106,163
		Wastewater	<u>509,856</u>
		Total Amelia Island - 2	<u><u>509,856</u></u>
Apple Valley			
1993	92CC344	VIRGINIA DRIVE WATER MAIN RELOCATION	161,937
		Water	<u>161,937</u>
		Total Apple Valley - 1	<u><u>161,937</u></u>
Beacon Hills			
1994	94CN039	WATER DISTRIBUTION SYSTEM IMPROVEMENTS	174,495
1994	93CN059	COBBLESTONE WTP GENERATOR	158,575
1995	94CN040	WTP EXPANSION & IMPROVE	796,393
1995	93CN056	COBBLESTONE WELL #2	203,513
1995	93CN064	COBBLESTONE CHEMICAL FEED	182,078
1995	94CN037	DUVAL COUNTY UTILITY RELO	121,498
		Water	<u>1,636,551</u>
1993	91CN010	WASTEWATER COLLECTION SYSTEM IMPROVEMENTS	178,931
1995	93CN061	WW COLL SYS IMPROVE	283,785
1996	92CN305	WWTP OUTFALL	232,554
		Wastewater	<u>695,270</u>
		Total Beacon Hills - 9	<u><u>2,331,821</u></u>
Burnt Store			
1994	89CS046	R.O. WTP	1,642,006
1995	95CS703	INJECTION WELL PHASE II	1,419,341
1996	95CSggg	RO WTP IMPRV - PHASE III	472,244
		Water	<u>3,533,592</u>
1993	92CS143	LIFTSTATION #6-22 & FORCE MAIN	233,362
		Wastewater	<u>233,362</u>
		Total Burnt Store - 4	<u><u>3,766,954</u></u>

Southern States Utilities, Inc.

Plant Book Detail Summary (projects over \$100,000)

(FPSC Regulated Water and Wastewater Plant Additions)

Year	Project Number	Description	Project Cost
Carlton Village			
1995	94CC017	HYDRO TANK & NEW WELL PHASE I	117,469
1995	94CC018	DISTRIBUTION SYS UPGRADE	106,909
1996	94CC017	HYDRO TANK & NEW WELL PHASE II	123,881
		Water	<u>348,258</u>
Total Carlton Village - 3			<u>348,258</u>
Chuluota			
1996	94CC020	DISTRIBUTION SYSTEM UPGRD	425,433
1996	94CC021	WATER TREATMENT PLT #2	368,189
		Water	<u>793,622</u>
1995	94CC019	COLLECTION SYSTEM UPGRADE PHASE I	202,138
1996	94CC019	COLLECTION SYSTEM UPGRADE PHASE II	126,680
		Wastewater	<u>328,818</u>
Total Chuluota - 4			<u>1,122,440</u>
Citrus Springs			
1993	93CW287	LINE EXTENSIONS - WATER	177,939
1994	94CW067	LINE EXTENSIONS - WATER	289,879
1995	95CW726	LINE EXTENSIONS - WATER	207,712
1996	95CWzzz	0.5 GST/HIGH SERV PUMP	715,903
1996	96CWxxx	LINE EXTENSIONS - WATER	183,275
		Water	<u>1,574,709</u>
1994	93CW665	WWTP UPGRADE	127,634
		Wastewater	<u>127,634</u>
Total Citrus Springs - 6			<u>1,702,344</u>
Deep Creek			
1995	94CC050	LIFT STATION IMPROVEMENTS	274,604
		Wastewater	<u>274,604</u>
Total Deep Creek - 1			<u>274,604</u>

Southern States Utilities, Inc.

Plant Book Detail Summary (projects over \$100,000)

(FPSC Regulated Water and Wastewater Plant Additions)

EXHIBIT

(JDW-4)

PAGE 3 OF 9

Year	Project Number	Description	Project Cost
<i>Deltona Lakes</i>			
1993	89CN078	WELL # 33	467,357
1994	93CN099	WELL #34	260,889
1994	93CN098	WELL #35	252,078
1994	94ZZ777	METERS & METER INSTALLATIONS	193,497
1994	93CN097	DOT & COUNTY ROADWAY IMP/UTILITY RELOC	145,258
1995	93CN660	WELLINGTON WTP EXPANSION	1,365,786
1995	93CN661	AGATHA/SAXON WTP IMPRV	284,873
1995	93CN659	SAGAMORE DR WTP DIST SYS	232,790
1996	95CCIII	COURTLAND BLVD GST	369,014
1996	94CN043	LOMBARDY DR WTP IMPRV	190,139
1996	95CCKkk	DISTRIBUTION SYSTEM UPGRD	148,435
1996	96RO060	METERS	143,009
1996	96RO059	MISCELLANEOUS EQUIPMENT	109,446
1996	96RO058	SERVICES	102,149
		Water	<u>4,264,721</u>
1993	90CN035	0.5 MGD WWTP EXPANSION	2,399,423
1993	91CN368	FLOW EQUALIZATION FACILITY & IMPROVEMENTS	501,060
1993	91CN369	WASTEWATER SYSTEM COLLECTION	383,259
1994	93CN100	WWTP SUBSTANDARD HOLDING FACILITIES	1,311,707
1995	94CN046	FP&L EASEMENT EFF IRG SYS	726,332
1995	94CN341	DHCC - EFF DISP IMPROVE	330,625
		Wastewater	<u>5,652,406</u>
		Total Deltona Lakes - 20	<u><u>9,917,127</u></u>
<i>East Lake Harris Estates</i>			
1995	94CC022	DISTRIBUTION SYS UPGRADE	262,782
1995	94CC023	PLANT IMPROVEMENTS	226,744
		Water	<u>489,526</u>
		Total East Lake Harris Estates - 2	<u><u>489,526</u></u>
<i>Fern Park</i>			
1996	94CC024	DISTRIBUTION SYSTEM UPGRD	217,097
		Water	<u>217,097</u>
		Total Fern Park - 1	<u><u>217,097</u></u>
<i>Fisherman's Haven</i>			
1993	88CC004	REHAB OF DRAINFIELD	170,532
		Wastewater	<u>170,532</u>
		Total Fisherman's Haven - 2	<u><u>170,532</u></u>

Southern States Utilities, Inc.

Plant Book Detail Summary (projects over \$100,000)

(FPSC Regulated Water and Wastewater Plant Additions)

Year	Project Number	Description	Project Cost
<i>Fox Run</i>			
1993	90CC183	WATER TREATMENT PLANT	323,698
		Water	<u>323,698</u>
1993	91CC022	EFFLUENT DISPOSAL SYSTEM IMPROVEMENTS	160,436
		Wastewater	<u>160,436</u>
		Total Fox Run - 2	<u><u>484,135</u></u>
<i>Holiday Haven</i>			
1994	89CC007	WWTP MODIFICATIONS & IMPROVEMENTS	600,162
		Wastewater	<u>600,162</u>
		Total Holiday Haven - 1	<u><u>600,162</u></u>
<i>Imperial Mobile Terrace</i>			
1996	95CC709	NEW WELL	175,192
		Water	<u>175,192</u>
		Total Imperial Mobile Terrace - 1	<u><u>175,192</u></u>
<i>Keystone Heights</i>			
1994	93CN074	WTP IMPROVEMENTS	104,711
		Water	<u>104,711</u>
		Total Keystone Heights - 1	<u><u>104,711</u></u>
<i>Lake Brantley</i>			
1995	94CC030	HYDRO TANK AND AERATOR	123,371
		Water	<u>123,371</u>
		Total Lake Brantley - 1	<u><u>123,371</u></u>

Southern States Utilities, Inc.

Plant Book Detail Summary (projects over \$100,000)

(FPSC Regulated Water and Wastewater Plant Additions)

Year	Project Number	Description	Project Cost
Marco Island			
1992	89CS122	4.0 MGD R.O. PLANT	540,835
1992	90CS050	24" RAW WATER TRANSMISSION LINE (SR 951)	128,568
1993	90CS050	24" RAW WATER TRANSMISSION LINE (SR 951)	179,487
1993	89CS119	24" RAW WATER MAIN	120,269
1994	94ZZ777	MARCO ISLAND WATER SUPPLY	4,400,000
1994	93CS192	16" CONCENTRATE LINE	1,363,276
1994	93CS666	REPIPING FOR SURFACE WATER TREATMENT	295,070
1994	94CS168	WATER METER BY-PASS	291,577
1994	94CS077	METER CHANGE-OUTS	234,645
1995	94CS056	COLLIER CONDEMNATION	4,799,918
1995	94CS054	RO WTP IMPROVEMENTS	257,891
1995	95CS710	ACQUIFER STORAGE RECOVERY	233,269
1996	95CS712	NEW RO WELLS (5)	1,540,535
1996	95CSqqq	RO WTP - 1.0 MGD EXPAN.	1,509,293
1996	95CS711	RAW WATER COLLECTION SYS	624,362
		Water	<u>16,518,996</u>
1992	91CS015	OFF-SITE PERC PONDS	4,333,994
1992	89CS122	DEEP INJECTION WELL	814,575
1993	91CS021	WWTP PRETREATMENT STRUCTURE	426,658
1993	93CS196	CATWALKS	230,416
1993	92CS265	INCREASE AERATION CAPACITY	146,824
1993	89CS122	DEEP INJECTION WELL	135,765
		Wastewater	<u>6,088,232</u>
		Total Marco Island - 21	<u><u>22,607,229</u></u>
Marco Shores			
1994	93CS521	E.Q. PIPING & EQUIPMENT	176,386
		Wastewater	<u>176,386</u>
		Total Marco Shores - 3	<u><u>176,386</u></u>
Marion Oaks			
1993	93CW287	LINE EXTENSIONS - WATER	450,037
1993	92CW173	LINE EXTENSIONS - WATER	179,699
1994	94CW067	LINE EXTENSIONS - WATER	483,696
1995	95CW726	LINE EXTENSIONS - WATER	389,841
1996	96CWxxx	LINE EXTENSIONS - WATER	343,977
		Water	<u>1,847,251</u>
1995	93CW256	WWTP EXPANSION	559,609
		Wastewater	<u>559,609</u>
		Total Marion Oaks - 6	<u><u>2,406,860</u></u>

Southern States Utilities, Inc.

Plant Book Detail Summary (projects over \$100,000)

(FPSC Regulated Water and Wastewater Plant Additions)

Year	Project Number	Description	Project Cost
<i>Postmaster Village</i>			
1995	94CN480	W DIST SYS IMPRV/PHASE I	116,296
		Water	116,296
		Total Postmaster Village - 1	116,296
<i>Salt Springs</i>			
1993	91CW445	WWTP IMPROVEMENTS	118,689
		Wastewater	118,689
		Total Salt Springs - 1	118,689
<i>Silver Lake Est./W. Shores</i>			
1995	94CC032	WTP & DIST. IMPROVEMENT	862,100
		Water	862,100
		Total Silver Lake Est./Western Shores - 1	862,100
<i>Skycrest</i>			
1994	93CC014	WTP IMPROVEMENTS	288,403
		Water	288,403
		Total Skycrest - 1	288,403
<i>Sugar Mill Woods</i>			
1996	95CWeee	0.5 MG GST/HIGH SERV PUMP	715,903
		Water	715,903
1992	CP	COLLECTIONS SEWER - GRAVITY	121,335
1995	93CW255	WWTP IMPROVEMENTS	875,038
		Wastewater	996,373
		Total Sugar Mill Woods - 3	1,712,276
<i>Sunny Hills</i>			
1992	N/A	TRANSMISSION AND DISTRIBUTION MAINS	698,978
		Water	698,978
		Total Sunny Hills - 1	698,978

