

Established 1932



Florida Utilities Coordinating Committee

Coordination Through Cooperation

MEETING MINUTES

MAY 20, 1994

TAMPA, FLORIDA

The Spring meeting of the Florida Utilities Coordinating Committee was called to order at 8:30 a.m. by Chairman Dennis Black with 105 members in attendance.

Larry Claxon offered the invocation and pledge to the Flag.

Chairman Black introduced the officers and then called for self introductions by the attendees.

SECRETARY'S REPORT - Arlene Brown McGee

Chairman Black asked if there were any corrections to the minutes of the Winter Meeting held in Tallahassee on February 4, 1994. There were none and a motion was made to accept the minutes as written and wave their reading. The motion was seconded and passed.

Chairman Black thanked Danny Loyd of Loyd & Sons for sponsoring the Continental Breakfast.

The APWA President of the Florida Chapter, Les Eighmey - Director of Hillsborough County Road & Street Department welcomed the FUCC to the JOINT APWA/FUCC meeting.

HISTORIAN'S REPORT - Tom Duggar

FIFTY YEARS AGO - May 12, 1944 - Suwannee, St. Petersburg - 15 members. Officers: Chairman - R.S. Davis - Florida Power & Light, Vice Chairman J.C. Buckles - City Manager Kissimmee and Secretary B.N. Darlington - Peninsular Telephone Company.

A letter from the Seaboard Airline Railroad Company was read addressing wire line crossings at bridges and trestles. Future overhead wire line crossings should not be permitted within 1,000 feet of a bridge or trestle to prevent interference with pile driving operations. Upon receipt of a statement of the facts, consideration will be given to waiving the requirement if the conditions should cause undue hardship on the applicant.

Mr. McCartney asked who should be notified in all instances of new construction. Is permission required on new right-of-way other than the State Road Department? Mr. Warth replied that copies of letters were usually sent to the Secretary of the Coordinating Committee so they could lend assistance when actual conflict seems to be imminent. Also, Florida Power Corporation and Florida Public Service Company had been merged as of January 1, 1944 into the firm name of Florida Power Corporation with general offices in St. Petersburg.

TWENTY-FIVE YEARS AGO - May 2, 1969 - Colonnades Beach Hotel, Palm Beach - 29 members.

Chairman

**Dennis Black
(813) 579-8600**

Vice-Chairman

**Dave Hall
(407) 889-6813**

Secretary

**Arlene Brown-McGee
(813) 228-4674**

Historian

**Tom Duggar
(904) 599-1543**

Telephone 9, Power 13, Gas 5 and D.O.T. 2. Officers: Chairman G.A. Reed - Clay Electric Cooperative, Vice Chairman Bob Corn - Florida Gas Transmission Company and Secretary Verne Brown - General Telephone Company.

Random Lay of Telephone and Power Cables Subcommittee reported on a project where Florida Power Corporation and General Telephone Company were placing random lay facilities together. This project should be included in the report being prepared. The cost distribution on this particular project is FPC - 55% and GTE - 45%.

Utility Space Allocation Subcommittee passed out the cross-section the committee had developed. Each member was requested to review the proposal.

The use of Color Coding within the State was adopted by the majority of the members. Those who weren't using it are using the color coding or methods established locally.

Reports were received from the floor that the House Bill pertaining to CATV came out of committee unfavorably and it appears it will be killed. Action on trying to get the word, "structure" removed or defined in House Bill #44 is underway.

TREASURER'S REPORT - Dave Hall

Balance as of February 4, 1994	\$2772.57
Receipts:	
February 4, 1994	\$1140.00
Sale of F.U.C.C. Pins	\$27.00
Expenditures:	
Speaker - Plaques	\$74.12
Visual Aids	\$69.55
Hotel	\$115.13
Copies	\$8.00
Service Charges	\$50.75
Coffee & Danish	\$35.19
Ending balance as of May 20, 1994	\$3586.83

FDOT UPDATE - Jerry Sasser, Central Office

- Met with the One Call Center June 8, 1994 to work out problems and future meetings are planned.
- A Task Force is to be set-up to evaluate Metric Pay Items. 1. Sewer & Water, 2. Electric, 3. Phone & CATV, and 4. Gas.
- DOT is going metric full force. A question was raised on how to show utilities on plans. Existing will be in English and proposed in metric. Dual English and metric units may be used for any permit prior to January, 1995 or any construction project that was designed for letting prior to January, 1995. Any permits after January, 1995 and any construction projects designed solely in metrics, the permit shall be in metric.
- JPA's - There is no consistency within the Districts at this time. Central Office is in the process of writing procedures to standardize.
- Agreements - as agreements are received back from the FUCC committee and changes are agreed upon, the DOT will enter all forms into their mainframe system.
- Electronic Transfer - should have at least 1 trial before the next meeting.
- Permit Form - new by middle of June, should be available if any changes are minimal.
- If project is done in metrics, the permit has to use metric. The question was raised if there can be

a dual system (metric & English)?

- DOT & One Call Problem - Utilities are not marking their utility locations in the field. 18" or less is already approved for survey type work so they don't have to call the One Call System. FDOT wants 24" instead and is working on an agreement with the One Call Center.
- MUTCD & Standard Index Series (600) - Utilities must use sheets (1-10). Sheets (601-651) should be used for MOT. If the Utility is not going to use Series 600 and want to use their own MOT drawings, they need to be approved.
- Standard Index Series (700) has just been received by DOT and Jerry will forward to Dennis Black.
- Utility Accommodation Manual - It is only the minimum requirements that must be met by the utility agency or owner. The districts may request that additional requirements be met or data forms to be submitted but it should not be required for approval. In several of the districts, data forms are being required by the Maintenance Engineer on permits. However, this extra data sheet information is already available on the plans.
- User Guide - Limited copies of the draft was made available to members for review.
- National Highway User Manual - Power Group asked to use this manual to help with the User Guide. State not Federal makes determination.
- Jerry Sasser has been assigned new phone and fax numbers: (904) 487-1949 or 487-1700 and the fax number is (904) 922-9293.
- State Plane Coordinates - still being used but GPS will be used in the future. They will keep FUCC members up to date on the progression of the GPS.

PROGRAM

Chairman Black introduced the speaker, Theresa Barnes - Director of Tele-Go, a GTE Telephone Products and Services in Atlanta, Georgia. She has held this position since February, 1994. Ms. Barnes is presently responsible for the marketing of GTE's new residential wireless service called Tele-Go. This new service and the marketing program is based largely on the recent residential market trials held in the Tampa and Sarasota markets. Ms. Barnes was responsible for the design of the trials and ongoing market research throughout the trials.

Prior to her current position, Ms. Barnes has held a number of positions of increasing responsibility in the Network Planning, Market Planning, Business Strategy and Product Management areas of GTE Telephone Operations. Prior to joining GTE's cellular subsidiary, Theresa was Manager - Business Market Research at GTE Telephone Operations Headquarters in Irving, Texas.

Ms. Barnes holds a Masters Degree in Business Administration from the Babcock School of Management at Wake Forest University in Winston-Salem, NC and a Bachelors Degree in Administrative Science from Colby College in Waterville, Maine.

FDOT DISTRICT REPORTS

District I - Dan Buol (AT&T) Chairman - The next meeting will be held in Ft. Myers on September 7, 1994 at the Mariner's Inn.

District II - Vince Camp (District Utility Engineer) - The last meeting was held at the Holiday Inn in Lake City on May 9, 1994. The speakers were Danny Harris - Board of Directors, One Call and George MacGregor - City of Jacksonville, G.I.S. - Department of Public Utilities. The next meeting will be in October, 1994 at the Lake City Holiday Inn and the speakers are unknown at this time.

District III - Tom Duggar (Centel/Sprint) - The last meeting was held February 25, 1994 at the Harbor House Restaurant in Panama City. There were reports from the seven local Utility Groups. Edward Prescott, Director of Operations discussed the Five Year Work Program. He stated there will be an increase in the jobs that are let. The Partnering Process is working well and encourages all utilities to participate. He also talked about more JPA's being used by Utility Companies. Ken Hood - FDOT Utility Engineer talked on early intervention/plan development, Clear Zone, Relocation Schedules, Maintenance Permits and JPA's. Brian Blanchard - Design Engineer, gave a case study of a bridge rebuild project. He stated utilities may be interested in attaching their facilities to bridges to cross wetlands. He also talked about alignment and detour bridges and how utilities can ask about the type and placement of detour bridges which may help in defraying relocation costs.

District IV - Rocky DePrimo (District Utility Engineer) - The District continues to mail out its production and letting list monthly indicating all project status within a one year window. A revised Palm Beach County Coordinating Group will meet for the first time in June. Dave Pellico is Chairman.

District V - Richard Taylor - The last meeting was held in February, 1994. The next meeting will be held on July 20, 1994, the guest speaker will be from the Call Sunshine Organization.

District VI - no report from the membership.

District VII - Steven Tidwell (District Utility Engineer) - The District VII Utility Liaison Conference was held March 18, 1994 at the Sheraton Tampa East Hotel & Conference Center. The keynote speaker was Mr. Kenneth A. Hartmann, P.E., District Director of Production. He provided an overview of the District and its 5-Year Work Program. Mr. Gene Maynard with Leica, Inc. spoke on current Surveying and Photogrammetry (GPS) Systems. A field demonstration followed. The next meeting will be on September 23, 1994 at the Plantation Inn and Golf Resort in Crystal River located in Citrus County.

TURNPIKE REPORT - Jim Haynie

Speaking for the Turnpike Authority in Jim's absence was Randy Miller - Utility Assistant. As of June 15, the turnpike will be officially recognized as a District. The Southern Connector Extension is going to construction, Section 2 has been advertised and they are preparing to advertise Section 3. Seminole County Expressway opened up on May 7, 1994. The Polk County Expressway is advancing toward the phase III 90% submittal. The Suncoast Expressway engineers are currently conducting preliminary engineering for the environmental document. State Road 80 in Palm Beach County will be the first complete metric design project.

UTILITY NOTIFICATION CENTER REPORT - Phil Thompson

- There are over 2,000 calls a day and by the end of the year they will be the largest in the USA.
- Electronic Transfer (Batching) - An incentive to utilize batch remote is a 10% reduction in ticket price.
- Between 10:00 and 3:00 is the best time to call, volume is down.
- If you can give Section, Township and Range, it helps the operator.
- Fax Locate Program gives the sender another method of sending notifications with a reduction in phone time.
- As of June 6, 1994 there are 97 member operators.

- Bill Heath - Contact for information on Batch Remote and Fax Locate programs.
- Call Sunshine is looking at survey information having a 1-800 number. Design calls are not taken yet, they can't provide service as of yet. Board addressing that situation now as well as Associate Memberships (engineering firms and membership fees).

INTEREST GROUP REPORTS

■ POWER - Hamid Zahir - 28 members present and the following was discussed:

- A letter from the FUCC Chairman to Paul Kaczorowski (FDOT) asking about the dual dimensioning of all Utility/FDOT documents and plans.
- The newly published 3-R manual has several changes in it that will cause major problems for utilities. This is being revisited at this time.
- A letter from the FUCC Chairman to Ben Watts requesting early notification of utilities prior to publishing any utility related documents/manuals.
- Clarification of Index Series 600 which is sheets 1-10; Jerry Sasser will send a letter to all districts and copy FUCC Chairman.

■ TELEPHONE/TELECOMMUNICATIONS - John Jernigan and Betsy Becker - 22 members present and the following was discussed:

- Presentation by David Vespa - Traffic Alert Specialist, Inc.
- The new 36" - 12 lb. cones → 910 mm - 5.4 kg
 - The cones are stamped with a control number. Each manufacturer has different numbers and there are different numbers for the reflective collar cones.
 - The 12 lbs was decided on so that extra weight could be put to the base to hopefully prevent the cone from falling over.
- Dan Buol - Sunshine One Call
 - All board members are elected except for the Propane Industries Seat.
 - Phil is trying to develop plans now to use as backup communications in case some catastrophe happens.
 - There are over 100 members.
 - There are some amendments to the One-Call Law.
 - Exceptions for agricultural, industrial and railroad for locate requests if they are working where there is no easement, right-of-way or permitted use and if agricultural, industrial or R/R are working on their own property.
 - Surveyors - 18" depth, hand dig exemption if in area with marked easement, R/W or permitted use.
 - Exemption for the find locate or protect your facilities if less than 18".
 - Exemption for extending drops less than 18" in depth if not in easement, R/W or permitted use.
 - The newsletter is in progress.
- Note: There is a 30-60 second Public Service Announcement tape available to have inserted on TV. Any cable operators interested should contact Dan Buol.
- Presentations - Pat Egan - Electronic notification of pole transfers.
 - Discussed the problems of communications between utilities for pole transfers.
 - SBT & FPL are looking into Electronic transfers he discussed the problems now.
 - Benefits of electronic transfers hardware and software needed.
 - Cost Analysis of current and proposed processes.

- Flow charts of current and proposed processes.
- They are working on two different ways to acquire this system. Contact Jay Gordon at Bell South 904-350-2285 if interested.

■ **UNDERGROUND** - Mike Farmer - 14 members present and the following was discussed:

○ Update on recent FDOT revisions to UAM significant changes are:

- As-Built and work in 5 year plan must be surveyed; it is not clear if a Registered Land Surveyor (RLS) is required.
- Any patches must be maintained forever, not just 2 yrs.
- Manual is 100% metric.

○ Advised of changes to Permit Form.

- This form has been removed from the UAM as such can be changed by FDOT without notice to utilities.
- Update on One-Call System.
- Bill Heath gave a brief preview of the full report to be given in the Business Meeting on Friday.
- It is noted that some utilities are getting notices which are clearly outside their service areas.
- If this happens, call Bill first; or one of the Board Members.

○ A discussion of how road project designs are coordinated with the utilities revealed major differences in level of cooperation between the FDOT & Utilities.

- This committee will recommend that a sub-committee be established to work with the FDOT to set some standards and possibly change some of their standard design criteria.

○ Carlos gave update on status of Pay Item Standardization Sub-Committee

- He has had several meetings with FDOT. They want 3 groups formed:
 - 1 - Water, Sewer, Etc.
 - 2 - Power
 - 3 - Cable (TV, Phone)
 - 4 - Gas, Oil, Fuel

to meet with FDOT and eliminate as many as possible to help FDOT convert them to metric.

○ Arlene updated us on recent asbestos activity.

- She provided a handout and requested the utilities to review and comment to her . She will reactivate the Asbestos Sub-Committee as needed.

● **SUBCOMMITTEE REPORTS** ●

■ **UTILITY ACCOMMODATION MANUAL** - Dennis LaBelle, Chairman

○ National Highway User Manual - the intent of the manual is for general State of the Art information and technology on various topics that impact the highway/utility relationship. It is not intended to substitute the FDOT's Utility Accommodation Manual but to be used as a source of information to aid in resolving permanent issues.

○ FDOT 3-R Manual - A separate group sponsored by the Florida Coordinating Group, FCG is currently addressing the recent modification to the utility setback requirements on the 3-R projects. The next scheduled meeting is June 2, 1994 with the FDOT.

- The clear zone width was changed from 1-1/2' to 4'.
- Any utility pole located within the 4' must be relocated.

- Variances may be allowed under special conditions.

○Utility Accommodation Manual - The FDOT has completed the final draft of the UAM. The changes that were agreed to by the FUCC have been reviewed by the DOT District offices. This draft includes all comments and suggestions by the DOT District offices. The original FUCC revisions were completely ignored. If this draft of the UAM is approved, it will have a significant financial impact on the utility industry.

- Permits - All drawings will be to scale and tied to the State Plane Coordinates. No verbal permits will be allowed. Since the State Plane Coordinate permanent markers are not completely installed statewide, the utility may be required to go as far as a mile to find a permanent bench mark.

- As Built - Engineering surveyed drawings tied to the State Plane Coordinates will be required. What is an Engineering Survey drawing? Will it require a certified CLS or is it a drawing showing the deviations from the permitted drawing?

- Scope of UAM - The original intent of the UAM was to address facilities installed on highway right-of-way. The intent has been changed to include all transportation facilities - railroads, airports, ..., etc. But the manual only addresses those facilities installed in highway rights-of-way.

- Traffic Control Plans - The utilities are only required to comply with Index 600, sheets 1-10. The other Index Series 600 sheets (601-699) are application examples. The utility can submit their own MOT plans as long as they comply with the requirement of Index 600, sheets 1-10.

- Overhead lines - to be placed outside of underground facilities, underground usually at right-of-way, where would overhead go then?

- Joint Use Provisions - Any time a utility installs pole lines on both sides of a road they must allow any and all potential joint users to attach to their poles. This means the pole owner must grant permission to anybody wishing to attach to the poles regardless if they sign a joint use agreement or not.

- Overhead Lines - All new or relocated overhead lines will be installed outside the underground facilities. In a lot of cases the underground facility was installed at the right-of-way lines which will not leave room for the overhead facility.

- Pavement Cutting - will not be allowed for 3 years after the road has been resurfaced.

- Driveway Cutting - must obtain a special Driveway Cutting Permit.

- Underground Facilities - all facilities: power, telephone, CATV must be at the same burial depth. No longer will the communication facilities be installed at shallower depth than the power.

- Pole Line Extensions - any time a pole line is extended it must meet the new setback requirement; therefore additional guying will be required and in some situations additional guy poles will be installed on the opposite side of the highway.

- Abandoned Cables - no underground utility cable can be abandoned in the highway. They can only be placed out of service and a special "Out of Service" permit must be approved.

- Jacking & Boring Provisions - This section is no longer just a guideline, now it is a requirement. The DOT changes to this section have not been completely reviewed.

The FUCC subcommittee will be meeting with the DOT on June 1, 1994 to discuss their latest proposed changes.

■JOINT USE - Bill Hetherington, Chairman

○Met on May 5 to discuss topics involving joint use that should be investigated. Those topics included:

- Joint trench services
- Pole transfer coordination
- NESC requirements involving grounding and wind loading

○Met with steering committee to get indication of which topic would be most beneficial for the membership. All of these were determined to be very beneficial.

○At the next Joint Use Subcommittee meeting, a final determination will be made.

■ **CSX/FDOT Right-of-Ways** - Tom Duggar, Chairman - no report.

■ **ASBESTOS** - Arlene Brown McGee, Chairman

○Information on Asbestos Piping: health studies, disposing of pipe, etc. passed out in the Underground Group meeting. The information is still available if anyone would like a copy.

■ **AGREEMENTS/STANDARDS REVIEW** - Michael Fahenstock, Chairman - no report.

■ **FDOT PAY ITEM STANDARDIZATION** - Carlos Solis, Chairman

○Met with FDOT Representatives to discuss proposal presented by FUCC.

○Modifications were made to create three (3) family groups of pay items those groups are as follows:

- Cable TV, Telecommunications (Telephone) and Power
- Water, Sewer and Reclaimed Water
- Gas and Oil Pipelines

○FDOT - went back to Tallahassee to review and plug into their system and found areas that need to be worked out.

○The Subcommittee will meet with the task groups of each area and FDOT representatives to work out the details and make changes as required to make it work.

○Metric pay items will be developed in conjunction with the consolidation of such pay items.

○Will report on final format next meeting.

■ **FDOT HIGHWAY LIGHTING** - Scott Huff, Chairman

○The report that was submitted on November, 1993 meeting on a proposal for several alternative concepts for electric utilities providing highway lighting is in process with the FDOT Central Office. There is nothing new to report at this time.

■ **MOT PLATES** - Hamid Zahir, Chairman

○We have received a few responses back from the FDOT; waiting for a response from the Design section. Jerry Sasser will check into this on the Monday after this meeting.

■ **ONE-CALL ORGANIZATION** - Dan Buol, Chairman

○They have a monthly meeting. Attached to the back of these minutes is the updated list of members and officers.

■ **UTILITY NETWORKING** - Jerry Sasser, Chairman

■ **CONFERENCE PLANNING** - Mark Sweet, Chairman

○Jupiter Beach Resort in Jupiter Beach is the next meeting. Anyone that would like to sponsor the Continental Breakfast or any other event should contact Mark Sweet.

■ **STEERING COMMITTEE** - Dave Hall, Chairman - There were 30 in attendance.

○ The Nominating Subcommittee will be chaired by Mark Sweet and will be looking at perspective candidates for Secretary.

○ The Awards Subcommittee will be chaired by John Jernigan. An award will be given out for the Liaison Person of the Year and the Malcolm Yancey Award.

○ The Power Group Chairman Hamid Zahir reviewed the agenda covered in their meeting.

- Clarification of Index Series 600 - Districts and Central Office have different understanding of typicals 1-10 on design specifics. Requested Jerry Sasser to send a letter to Maintenance Offices with clarification.

- Revision to Manuals - Notification of revisions not timely, some published before any notification. Index 600 & 700 - 1994; published already and changes are not known.

- Poles with screw in base aren't being used in District 1 even though there is a standard to use them. District 2 is still installing them.

- Metric Issue at the National Highway Utility Conference - Utilities will submit in dual system. Utilities doesn't have to use it, FUCC needs to submit dual system for use on drawings and permits.

○ The Underground Group Chairman Mike Farmer reviewed the agenda covered in their meeting.

- The FDOT design process needs to be standardized throughout the districts. DOT Design Policies are squeezing utilities out of right-of-way, won't let them remain under pavement (transmission mains, etc.), drainage and perimeters.

- Road Design Coordination Subcommittee - Design policies to be consistent across the State. Jerry Sasser said there aren't standards in each District.

○ The Joint Use Subcommittee Chairman Bill Hetherington stated that they have completed Joint Trenching task. Bill suggested the committee could investigate services, electronic transfer and the mechanism to get coordination for them.

○ A new subcommittee was formed and named, Road Design Coordination, to standardize the road designs throughout the State.

○ Jerry Sasser requested that 3 Task Forces be formed from utilities doing JPA's to reduce pay items and to assist on the conversions to metric for pay items. The task forces are: 1. Water and Sewer, 2. Power, Telephone and Cable TV and 3. Gas.

■ **NOMINATING COMMITTEE** - Mark Sweet, Chairman

○ They will have a nominee for the Secretary Officer.

■ **AWARDS COMMITTEE** - John Jernigan, Chairman

○ They will present the Liaison Person of the Year Award and the Malcolm Yancey Award.

Chairman Black adjourned the meeting at 12:00.

Respectfully Submitted,



Arlene Brown McGee, Secretary

FLORIDA UTILITIES COORDINATING COMMITTEE
COORDINATION THROUGH COOPERATION



ATTENDANCE LIST FOR QUARTERLY MEETING

DATE: 5/20/94

LOCATION: TAMPA

INCLUDE ON OUR MAILING LIST?	NAME	ORGANIZATION REPRESENTED	BUSINESS PHONE	BUSINESS ADDRESS
✓	MARILYN PINBAU	UTILITY CONSULTANTS INC	904-748-4436	4270 C.R. 136 WILWOOD, FL. 34785
	FRANK A. WEIL	TRK/FB & J	813-527-4437	ST. PETERS
	Amanda Noble	FPL	798-5012	WPB
✓	William R. Miller	TPK	488-4671	Tallahassee
✓	Ralph Jenkins	PALM BAY UTILITY CORP	407-952-3410	1105 TROUTMAN BLVD PALM BAY FL 32905
	ARLENE BROWNLEE	TAMPA ELECTRIC	(813) 228-4674	PO BOX 111 TAMPA FL 33601
	Nancy Biesinger	C&H Inc.	(813) 345-9126	6533-9th Ave. No. St. Pete FL 33700
	JULIAN JOHNSON	CITY OF ORLANDO	(407) 246-3235	400 S ORANGE AVE ORLANDO FL 32801
	Mike Farmer	Peoples Gas	813-681-2532	PO Box 2562 TAMPA, FL 33601
	Ron Roark	FPL	1-800-861-8585	1050 SE DRAYTON CIR PSL
V	LARRY HAMMOND	Lee Co Elect Coop	813 995-2121	PO. BOX 3455 N. FT MYERS FL 33918
	Benny Benny	PANFON emblic	813-664-6100 ³²⁵	520 Highlandway blv
	Danny Boyd	Ways - SONS CNT	813-669-1551	D. Boyd
	ED. SHUMBERN	City of St. Cloud	407-957-7250	2901 17TH ST, ST. CLOUD, FL 34769

pp/05/2

ADMIAT

TRAD

NOTED

LIBRARY FOR LIBRARY COLLECTIONS
UNIVERSITY OF TORONTO LIBRARY



DATE	DESCRIPTION	AMOUNT	DEBIT	CREDIT	BALANCE
1977	ADMIAT	100.00			100.00
1977	ADMIAT	100.00			200.00
1977	ADMIAT	100.00			300.00
1977	ADMIAT	100.00			400.00
1977	ADMIAT	100.00			500.00
1977	ADMIAT	100.00			600.00
1977	ADMIAT	100.00			700.00
1977	ADMIAT	100.00			800.00
1977	ADMIAT	100.00			900.00
1977	ADMIAT	100.00			1000.00
1977	ADMIAT	100.00			1100.00
1977	ADMIAT	100.00			1200.00
1977	ADMIAT	100.00			1300.00
1977	ADMIAT	100.00			1400.00
1977	ADMIAT	100.00			1500.00
1977	ADMIAT	100.00			1600.00
1977	ADMIAT	100.00			1700.00
1977	ADMIAT	100.00			1800.00
1977	ADMIAT	100.00			1900.00
1977	ADMIAT	100.00			2000.00

FLORIDA UTILITIES COORDINATING COMMITTEE
COORDINATION THROUGH COOPERATION

BADGES

ATTENDANCE LIST FOR QUARTERLY MEETING

DATE: 5/20/94

LOCATION: TAMPA

INCLUDE ON OUR MAILING LIST?	NAME	ORGANIZATION REPRESENTED	BUSINESS PHONE	BUSINESS ADDRESS
	Wesley Brewer	Gulf Reg. Utilities	904 334-3400 X1533	PO Box 147117 ³²⁶¹⁴⁻ Gulf
Yes	MARK SCARBOROUGH	GAINESVILLE REGIONAL UTILITIES - ELECTRIC	904-334-3400 X1546	P.O. Box 147117 GAINESVILLE, FLA 32614-7117
	WAYNE DARDEN	ORLANDO UTILITIES COMM. WATER	(407) 423-9100 X4523	P.O. Box 3193 ORLANDO, FL 32802
Yes	Rocco DePrimo	FDOT	305-777-4125	3400 W. Commercial Blvd Ft Lauderdale 33309
	Ruth Yanks	FDOT	305-777-4127	"
	Ken Hood	FDOT	(904) 638-0250	PO Box 607 Clifden, FL 32928
	Vince Camp	FDOT	(904) 758-3732	1901 S. MARION ST Lake City, FL 32805
	KATE PIETRACIOSKI	FLORIDA'S TURNPIKES	305 583-3111	PO BOX 17870 PLANTATION, FL 33318
	Scott Boggs	City St Petersburg	813-893-7851	PO Box 2841 ST PETERSBURG 33731
	May Granger	TBE	904-755-2626	507 S. Marion St, Lintel Lake City, FL 32808
	DAVID PELLICO	FL PUBLIC UTILITIES	407-838-1752	401 S. DIXIE HWY WEST PALM BEACH FL 33401
	JAN SANDS ASH	ASH Environmental	813-822-4347	246 17th Ave N, St. Pete FL 33704
	GREG JAMES	LAKELAND ELECTRIC & WATER	813-499-6493	501 E. LEMON ST LAKELAND, FL 33801
	Teery Vogel	FPL	(813) 379-7231	P.O. Box 1119 SARASOTA FL 34230-1119

FLORIDA UTILITIES COORDINATING COMMITTEE
COORDINATION THROUGH COOPERATION

BADGES

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INCLUDE ON OUR MAILING LIST?	NAME	ORGANIZATION REPRESENTED	BUSINESS PHONE	BUSINESS ADDRESS
✓	LARRY A. KUNZE	ORLANDO UTILITIES COMMISSION	407-384-4100	P.O. BOX 3193 ORLANDO FL 32802
✓	Mike Sutton	TELECOMMUNICATIONS IND. CONSULTING SOC	813 960 4958	410 W CHAMPAIGN RD LUTZ FL 33549
✓	CHARLES EASTERLING	OUC - ELECTRIC	407-384-4100	PO BOX 3193 ORLANDO FL 32802
✓	Tom Hodgdon	FPL	305-347-7872	PO BOX 02520 MIAMI FL 33102-5209
	CARLOS SOLIS	Pinellas County Water	(813) 464-3588	145 Fort Harrison Clearwater, FL 34616
	Kelly Donnelly	CITY OF ST. PETERS	892-5614	1635 3RD AVE N. ST. PETERS FL 33713
✓	Buddy Dees	Tampa Bay Engineering	904 35-2626	507 S MARION ST LAKE CITY 32055
	JIM WRIGHT	Tampa Bay Engineering	305 928-2820	1451 W. Cypress Creek Rd. Suite 300 Ft. Lauderdale 33309
✓	John Berger	CITY OF MIAMI SPRINGS	305 887-4116	345 N. Royal Poinciana Blvd. Miami Springs, FL 33166
	STAN NURNBERGER	GULF Power Co	904/444-6096	PO-1151 PENSACOLA FL 32520
✓	RON LIPHAM	Utility Consultants	800/676-6970	1810 WATER PLACE SUITE 200 ATLANTA, GA. 30339
✓	Don Schofield	Gulf Power Co.	904 444-6555	500 Bayfront Parkway Pensacola, FL 32501
✓	BILL HETHERINGTON	LEE COUNTY ELECTRIC COOP	813 656-2157	P.O. BOX 3455 N. FT. MYERS FL
✓	THOMAS DULLAN	SPRINT / CENTEL	904-544-1543	PO BOX 2214 Tallahassee, FL 32316

10/10/10
10/10/10

10/10/10

FLORIDA UTILITIES COORDINATING COMMITTEE
COORDINATION THROUGH COOPERATION

BADGES

ATTENDANCE LIST FOR QUARTERLY MEETING

DATE: 5/20/94

LOCATION: TAMPA

INCLUDE ON OUR MAILING LIST?	NAME	ORGANIZATION REPRESENTED	BUSINESS PHONE	BUSINESS ADDRESS
	Bill Jones	FLA Power	(904) 997-2521	P.O. Box 250 Munficeville 32345 ✓
X	Maria Sprung	FDOT	904/487-1700	605 Suwannee St. Tallahassee, FL 32309 ✓
	Art Colmore	FLA Power Corp	813-893-9255	2501 25th St N St Pete 33713 ✓
	MAX WALLACE	" " "	813 866 4308	3201-34th St. So. St. Pete FL 33703
	Bob Mewa	GTE	813 952-5689	P.O. Box 2929 SAA. FL 34230 ✓
	Joe Arcine	CITY OF BARTOW	813-534-0142	PO Box 1069 BARTOW, FL 33830 ✓
	Betsy Becker	World Wide Fiber Optics	407-799-4545	1980 N. Atlantic Ave Cocoa Beach FLA ✓
	CALE STEVENS	TAMPA BAY FIBER	(813) 351-3505	18167 U.S. 19 NORTH SUITE 550 CLEARWATER FL. 34624 ✓
	ROBERT FAUVEAU	TELEST Cablevision	407 422 3961	4305 Vineland Rd-G2 Orlando FLA 32811 ✓
	Mark Sweet	Florida Power Corp	813-866-4207	PO Box 14042 St Pete FL 33733 ✓
	GARY DCARY	ALLTEL FLA Inc	904-462-1200	P.O. Box 698 Machine, FL 32643 ✓
	Chuck STORM	Underground Services	800 545 1531	P O Box 39 West Chester PA. 19381 ✓
X	Michael G. Crumpton	City of Sanford	(407) 273-6995	4817 Bill's Court Orlando, FL 32812 ✓
	Jacqueline Beebe	City of St Petersburg	(813) 893-7261	1635 Third Ave. N. St. Petersburg, FL 33713 ✓

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FLORIDA UTILITIES COORDINATING COMMITTEE
COORDINATION THROUGH COOPERATION

~~BADGES~~

ATTENDANCE LIST FOR QUARTERLY MEETING

DATE: 5/20/94

LOCATION: TAMPA FL

INCLUDE ON OUR MAILING LIST?	NAME	ORGANIZATION REPRESENTED	BUSINESS PHONE	BUSINESS ADDRESS
✓	JOHN JERNIGAN	GTE LIAISON	813-664-6161	8800 ADAMO DR MC39 TAMPA FL 33619
✓	DIETMAR UNGER	TURNPIKE	407-855-7328	BOX 593 527 ORLANDO, FL 32859
✓	Jerry Sasser	FDOT	(904) 447-1700	602 Suwannee St, Tall, FL. 32349
	Jerry M Kelley	FDOT	904 487.4225	" "
	Doug Sikes	"	" 487-1700	" "
	RON WATLEY	FL PWR. CORP.	813 866-5342	3201-34TH ST. SO. ST PETE 33711
	GEORGE MADDOX	GTE	813 989-7913	10402 NO. 56TH ST. TEMPLE TERRACE, FL 33617
	JORGE BOOZA	PGS	305 940-0139	16101 W DIXIE N MIAMI BEACH 33160
	Hary J Butler	GTE	813-688-5357	P.O. Box 328 Lakeland, FL 33022
✓	LEONARD CHIOCCH	F.P.L.	407-495-7618	12441 SR 7 DELRAY FL.
	Thomas Pittman	City of Tallahassee	904 891 5118	2602 Jackson Bluff Tallahassee
	Buddy Bowyer	FPC	813 866-4514	P.O. Box 14042 St. Pete 33733
	Chris Western	JEA	904-632-6093	21 W. Church St Jacksonville 32202
	Hamid Zahiv	JEA	904)632-6068	"

STATION	TIME	DESCRIPTION	REMARKS
1	10:00	ARRIVE	START WORK
2	10:15	DRINK WATER	
3	10:30	DRINK WATER	
4	10:45	DRINK WATER	
5	11:00	DRINK WATER	
6	11:15	DRINK WATER	
7	11:30	DRINK WATER	
8	11:45	DRINK WATER	
9	12:00	DRINK WATER	
10	12:15	DRINK WATER	
11	12:30	DRINK WATER	
12	12:45	DRINK WATER	
13	1:00	DRINK WATER	
14	1:15	DRINK WATER	
15	1:30	DRINK WATER	
16	1:45	DRINK WATER	
17	2:00	DRINK WATER	
18	2:15	DRINK WATER	
19	2:30	DRINK WATER	
20	2:45	DRINK WATER	
21	3:00	DRINK WATER	
22	3:15	DRINK WATER	
23	3:30	DRINK WATER	
24	3:45	DRINK WATER	
25	4:00	DRINK WATER	
26	4:15	DRINK WATER	
27	4:30	DRINK WATER	
28	4:45	DRINK WATER	
29	5:00	DRINK WATER	
30	5:15	DRINK WATER	
31	5:30	DRINK WATER	
32	5:45	DRINK WATER	
33	6:00	DRINK WATER	
34	6:15	DRINK WATER	
35	6:30	DRINK WATER	
36	6:45	DRINK WATER	
37	7:00	DRINK WATER	
38	7:15	DRINK WATER	
39	7:30	DRINK WATER	
40	7:45	DRINK WATER	
41	8:00	DRINK WATER	
42	8:15	DRINK WATER	
43	8:30	DRINK WATER	
44	8:45	DRINK WATER	
45	9:00	DRINK WATER	
46	9:15	DRINK WATER	
47	9:30	DRINK WATER	
48	9:45	DRINK WATER	
49	10:00	DRINK WATER	
50	10:15	DRINK WATER	
51	10:30	DRINK WATER	
52	10:45	DRINK WATER	
53	11:00	DRINK WATER	
54	11:15	DRINK WATER	
55	11:30	DRINK WATER	
56	11:45	DRINK WATER	
57	12:00	DRINK WATER	
58	12:15	DRINK WATER	
59	12:30	DRINK WATER	
60	12:45	DRINK WATER	
61	1:00	DRINK WATER	
62	1:15	DRINK WATER	
63	1:30	DRINK WATER	
64	1:45	DRINK WATER	
65	2:00	DRINK WATER	
66	2:15	DRINK WATER	
67	2:30	DRINK WATER	
68	2:45	DRINK WATER	
69	3:00	DRINK WATER	
70	3:15	DRINK WATER	
71	3:30	DRINK WATER	
72	3:45	DRINK WATER	
73	4:00	DRINK WATER	
74	4:15	DRINK WATER	
75	4:30	DRINK WATER	
76	4:45	DRINK WATER	
77	5:00	DRINK WATER	
78	5:15	DRINK WATER	
79	5:30	DRINK WATER	
80	5:45	DRINK WATER	
81	6:00	DRINK WATER	
82	6:15	DRINK WATER	
83	6:30	DRINK WATER	
84	6:45	DRINK WATER	
85	7:00	DRINK WATER	
86	7:15	DRINK WATER	
87	7:30	DRINK WATER	
88	7:45	DRINK WATER	
89	8:00	DRINK WATER	
90	8:15	DRINK WATER	
91	8:30	DRINK WATER	
92	8:45	DRINK WATER	
93	9:00	DRINK WATER	
94	9:15	DRINK WATER	
95	9:30	DRINK WATER	
96	9:45	DRINK WATER	
97	10:00	DRINK WATER	
98	10:15	DRINK WATER	
99	10:30	DRINK WATER	
100	10:45	DRINK WATER	

LOCATION: JAWA E
DATE: 10/20/2

ALL RIGHTS RESERVED FOR THE UNIVERSITY OF

COORDINATED THROUGH CONSERVATION
AGENCY FOR THE U.S. COAST AND GEODISIC SURVEILLANCE

FLORIDA UTILITIES COORDINATING COMMITTEE
COORDINATION THROUGH COOPERATION

BADGES

ATTENDANCE LIST FOR QUARTERLY MEETING

DATE: 5/20/94

LOCATION: TAMPA

INCLUDE ON OUR MAILING LIST?	NAME	ORGANIZATION REPRESENTED	BUSINESS PHONE	BUSINESS ADDRESS
✓	Steve Arline	Adelphia Cable T.U.	(407) 627-3600	10435 Ironwood Rd. ³³⁴¹⁰ DBC FL.
✓	Paul Rozeman	Cellular One	(813) 222-5579	501 E. Kennedy Blvd. Suite Tampa FL 33602 1150
★	John Fl. Hiner	Cellular One	(813) 222-5541	501 E. Kennedy Blvd. Suite Same as above 1150
	Jim Hennessy	City of Palm Bay	407 952 3438	1450 MacArthur Rd Palm Bay FLA 32909
	Kim Wiley	FDOT	813 975-6040	11201 McKinley TPA 33612
	Steve Tidwell	"	"	"
	Robert Grimsley	"	"	"
	Bob Clemens	"	"	"
	DAVID HALL	Sprint/UNITED TELE.	407-889-6813	P.O. Box 5600, MC 5374 Altamonte Spgs., FL. 32716
	Reckard Stuart	FPL	305-821-2066	Po Box 8248 Ft. Lauderdale FL 33340-8248
	Phil Thompson	ONISI	804-530-1799	204 River Bend Blvd. Chester, VA.
✓	EARL CHRISTIAN	BELLSOUTH	904 350-3554	2101-58T, 301 W. BAY ST. JACKSONVILLE, FL 32202
	David Prum	FL. P.S.C.	904 488-8501	101 E Gaines St. Tall. FL.

FLORIDA UTILITIES COORDINATING COMMITTEE
COORDINATION THROUGH COOPERATION

~~BADGES~~

ATTENDANCE LIST FOR QUARTERLY MEETING

DATE: 5/20/94

LOCATION: TAMPA

INCLUDE ON OUR MAILING LIST?	NAME	ORGANIZATION REPRESENTED	BUSINESS PHONE	BUSINESS ADDRESS
	Patrick J. Egan	Southern Bell	(305) 795 3199	100 NE 80 TERR Miami 33138 ²
	Joe Kilinski	Allcomm Networks	407-220-9129	6823 SW Cinnamon Ct. Stuart, FL 34997
	TOM KENNEDY	FLA POWER	813-444-4628	P.O. BOX 1699 CLEARWATER FL 34617-1699
	Clyde Simpson	CITY OF TAMPA	904-891-6155	CITY HALL 300 S Adams TAMPA, FL 32301
	Maralyn Hoff	HILLBOROUGH Co.	276-8376	601 E KENNEDY
	Mike Smith	Tampa Electric	828-4704	P.O. Box 111 Tampa 33601
	BILL NICHOLS	CITY OF PALM BAY	407-952-3439	1050 WILKINSON RD SW PALM BAY, FL 32908
	FRANCISCO ORTIZ	CITY OF PALM BAY	407-952-3439	1050 WILKINSON RD SW PALM BAY FL 32907
	DAW BUOL	AT&T	813 299 8337	876 C LAKE MYRTLE RD AUBURNDALE, FL 33823
✓	SCOTT HOFF	Tampa Electric Co	(813) 228-4048	P.O. Box 111, P5 TAMPA, FL 33601
✓	TOM SKRABSKI	TAMPA ELECTRIC Co	813 228 4483	PO Box 111, P5 TAMPA 33601
	STEVEN CHANKERLOR	BELL SOUTH	205 977-1862	ROOM N4F1 35248 3535 COLONNADE, B'HAM, AL
	ROBERT C. MAY	FLORIDA'S TURNPIKE	(407) 826-0655	P.O. Box 593527 ORLANDO, FL.

→ Address Change

SPRINK 22, 61A

DATE	TIME	LOCATION	DESCRIPTION	AMOUNT	REMARKS
10/27	11:00	SPRINK	SPRINK	100.00	SPRINK
10/28	11:00	SPRINK	SPRINK	100.00	SPRINK
10/29	11:00	SPRINK	SPRINK	100.00	SPRINK
10/30	11:00	SPRINK	SPRINK	100.00	SPRINK
10/31	11:00	SPRINK	SPRINK	100.00	SPRINK
11/01	11:00	SPRINK	SPRINK	100.00	SPRINK
11/02	11:00	SPRINK	SPRINK	100.00	SPRINK
11/03	11:00	SPRINK	SPRINK	100.00	SPRINK
11/04	11:00	SPRINK	SPRINK	100.00	SPRINK
11/05	11:00	SPRINK	SPRINK	100.00	SPRINK
11/06	11:00	SPRINK	SPRINK	100.00	SPRINK
11/07	11:00	SPRINK	SPRINK	100.00	SPRINK
11/08	11:00	SPRINK	SPRINK	100.00	SPRINK
11/09	11:00	SPRINK	SPRINK	100.00	SPRINK
11/10	11:00	SPRINK	SPRINK	100.00	SPRINK
11/11	11:00	SPRINK	SPRINK	100.00	SPRINK
11/12	11:00	SPRINK	SPRINK	100.00	SPRINK
11/13	11:00	SPRINK	SPRINK	100.00	SPRINK
11/14	11:00	SPRINK	SPRINK	100.00	SPRINK
11/15	11:00	SPRINK	SPRINK	100.00	SPRINK
11/16	11:00	SPRINK	SPRINK	100.00	SPRINK
11/17	11:00	SPRINK	SPRINK	100.00	SPRINK
11/18	11:00	SPRINK	SPRINK	100.00	SPRINK
11/19	11:00	SPRINK	SPRINK	100.00	SPRINK
11/20	11:00	SPRINK	SPRINK	100.00	SPRINK
11/21	11:00	SPRINK	SPRINK	100.00	SPRINK
11/22	11:00	SPRINK	SPRINK	100.00	SPRINK
11/23	11:00	SPRINK	SPRINK	100.00	SPRINK
11/24	11:00	SPRINK	SPRINK	100.00	SPRINK
11/25	11:00	SPRINK	SPRINK	100.00	SPRINK
11/26	11:00	SPRINK	SPRINK	100.00	SPRINK
11/27	11:00	SPRINK	SPRINK	100.00	SPRINK
11/28	11:00	SPRINK	SPRINK	100.00	SPRINK
11/29	11:00	SPRINK	SPRINK	100.00	SPRINK
11/30	11:00	SPRINK	SPRINK	100.00	SPRINK

10/25/2
 ACCOUNT

MAILED FOR DEPOSIT ONLY

CHROMIUM LITHO THROUGH COOKING FROM
 ENERGY EFFICIENT COOKING CONTAINERS

1	WALTER HARRIS	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01
2	DAVID HARRIS	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01
3	MICHAEL HARRIS	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01
4	WALTER HARRIS	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01
5	DAVID HARRIS	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01
6	MICHAEL HARRIS	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01
7	WALTER HARRIS	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01
8	DAVID HARRIS	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01
9	MICHAEL HARRIS	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01
10	WALTER HARRIS	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01
11	DAVID HARRIS	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01
12	MICHAEL HARRIS	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01
13	WALTER HARRIS	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01
14	DAVID HARRIS	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01
15	MICHAEL HARRIS	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01
16	WALTER HARRIS	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01
17	DAVID HARRIS	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01
18	MICHAEL HARRIS	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01
19	WALTER HARRIS	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01
20	DAVID HARRIS	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01	2001-01-01

ADMITTED
2/20/02

CONFIDENTIAL - SECURITY INFORMATION

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