



IWA PIPELINE



SEPTEMBER 1986

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VOLUME 9, ISSUE 3

IWA offers Co-op cooperation

Sanibel and Captiva presently depend on two sets of power lines spanning Pine Island Sound for their electricity. The fragile nature of this link is a real cause for concern.

The major line which comes ashore at the substation on northern Sanibel provides enough electrical power for Sanibel, Captiva and Upper Captiva. The smaller line which comes ashore at Dixie Beach Blvd. provides only a small reserve.

Both lines are supported on concrete pylons which are showing signs of deterioration. This, combined with increased barge traffic on the inland waterway, makes the lines vulnerable according to Lee County Electric Cooperative officials. A wayward barge or simply the forces of nature could leave the islands without electricity for months.



The prime solution is a third line, placed under water, that could replace the existing power lines in an emergency. This is not an easy task. It would mean digging a trench across the environmentally sensitive Sound. Permitting would be a long drawn-out process. Silt barriers would have to be constructed before the trenching could begin. The project might take as long as 10 years to permit and complete. Meanwhile, the islands are facing a possible disaster.

Now IWA has come up with an idea that could cause less environmental impact, shorten the permitting process and have the new power line in place by 1990.

The key to the plan is the old water pipe which had been used to supply the islands with water from The Pine Island Water Association. The pipe has not been used for over a year and, according to General Manager Bob Hollander, is too small for a real backup to IWA's daily needs.

"We can produce more than enough water right here, and continued use of Pine Island water would eventually entail demand fees of about \$60,000 a year paid to The Pine

Island Water Association. Even then their needs will come before ours in an emergency. The money could be better spent to increase our own production."

IWA has offered the pipe line to Lee County Electric Cooperative under three conditions:

- That the use of the pipe line would actually accelerate construction of the new power feeder.
- That the pipe line would indeed be used for that purpose.
- That the new feeder would be operational by 1990.

"It's a matter of taking something of little use and putting it to maximum use," says Hollander. "Every drop of water we use is desalted and pumped with electricity. As the islands' largest consumer of electricity, we're a lot more interested in uninterrupted electrical power than whatever water we might get from that pipe."

Kind words from a wonderful friend

Earlier this year the Board of Directors sent to former board member, John Cook, videotapes of Sanibel, recent changes at IWA and personal greetings from the board and staff members.

John, who is now living in Alabama, responded as follows:

"... It was indeed a pleasure and a great treat to view the videotapes that you went to such lengths to produce and send.

I don't know if you can fully appreciate the feeling I have at being so honored; but let me tell you it is a unique experience and one I shall always remember.

I send thanks to all of you, along with the office staff... Seeing each of you as you greeted me was an additional boost.

Again, thanks more than words can express with all good wishes to each of you."

John was also sent pictures of the plaque installed in his honor at the Reverse Osmosis Plant.

Drop in anytime

A new drop box is being installed at the IWA office that will allow members to drop off payments without having to get out of their cars.

We hope you enjoy the convenience, but also hope that if you've got the time you'll come in and say hello.

Asbestos testing program

Public concern was expressed six months ago over possible traces of asbestos in the islands' water from asbestos-cement distribution lines. A program of testing by certified laboratories was begun then and has continued. To date, microscopic analysis of 28 water samples from different points in the system has found no health hazard to exist.

At present no regulatory standards are available because no harmful effects have been identified from ingesting asbestos fibers in drinking water. To be on the safe side though, the U.S. Environmental Protection Agency has given notice that it may impose a maximum limit of 7,100 fibers per milliliter for public drinking water supplies. IWA's average for the whole test was 43 fibers.

Replacement of all asbestos-cement pipes in the IWA distribution system (28% of the system) would cost about a thousand dollars per water user. The test results do not support such a major project.

Regular monitoring of fiber levels has been added to IWA's routine testing schedule.

Other tests

IWA regularly tests its water for some 180 different chemicals or organisms. Radioactivity is also tested as required, and has always been well within limits. A recent special test found no aluminum in IWA water.

... the envelope please!

Ozzie is almost embarrassed to tell his friends about IWA's winning, for the third year in a row, the "Best Operated Plant" award for the South Florida District from the Florida Department of Environmental Regulation. On top of this his friend Bob Oreskovich, boss of the R.O. plant, has been chosen as top Water Operator for 1986 by the Florida Water and Pollution Control Operators Association, Inc.

Add to this the American Water Works Association award for plant safety and poor Ozzie has to look the other way when he sees his swimming hole buddies.



Financial: These figures represent the unaudited accounts as of June 30, 1986.

RECEIPTS

Water Sales
Interest
Other Receipts
Connection Fees

1986 Budget

\$1,472,500
39,000
18,000
200,000

SIX MONTHS OF

Actual Receipts

\$1,636,968
19,238
25,973
244,284

TOTAL RECEIPTS

Carryover

\$1,729,500

\$1,926,440
637,517

TOTAL FUNDS

\$2,763,957

DISBURSEMENTS

Wages and Benefits
Professional Fees
Electricity
Telephone
O & M Service & Supply
Water Purchase
Motor Fuels
Insurance
Postal Charges
Travel, Training, Conferences
Debt Repayments (Farmers Home Admin.)
Capital Expenditures

1986 Budget

\$ 511,848
36,300
316,000
7,850
227,580
5,000
7,500
41,980
6,250
12,650
150,234
665,278

SIX MONTHS OF

Actual Disbursements

\$ 447,961
36,860
321,742
6,970
232,652
0
4,751
42,854
10,430
7,249
150,234
778,019

TOTAL DISBURSEMENTS

\$1,866,307

\$2,039,712

EXCESS OF FUNDS OVER DISBURSEMENTS

\$ 724,245

LESS RESERVE REQUIREMENTS & CONTRACTUAL OBLIGATIONS

\$ 664,666

NET AVAILABLE FUNDS

\$ 39,669

William D. Angst

William D. Angst
President