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June 17, 1996

**ORIGINAL  
FILE COPY**

**HAND DELIVERY**

Ms. Blanca S. Bayo, Director  
Division of Records and Reporting  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-1850

RE: Docket No. 951056-WS  
Application by PALM COAST UTILITY CORPORATION  
for a rate increase in Flagler County, Florida

Dear Ms. Bayo:

Enclosed on behalf of Palm Coast Utility Corporation for filing in the above docket are an original and fifteen copies of Rebuttal Testimony of John F. Guastella and Rebuttal Testimony of Frank Seidman, and Exhibits FS-6 through FS-11, along with our Certificate of Service.

Please acknowledge receipt of the foregoing by stamping the enclosed extra copy of this letter and returning same to my attention. Thank you for your assistance.

Very truly yours,

*[Handwritten Signature]*  
for  
B. Kenneth Gatlin

- ACK \_\_\_\_\_
- AFA 3 \_\_\_\_\_
- APP \_\_\_\_\_
- CAF \_\_\_\_\_ BKG/met
- CMU \_\_\_\_\_ Enclosures
- CTR \_\_\_\_\_
- EAG \_\_\_\_\_
- LEG Edmonds \_\_\_\_\_
- LIN 3 + org \_\_\_\_\_
- OPC \_\_\_\_\_
- RCH \_\_\_\_\_
- SEC 1 \_\_\_\_\_
- WAS \_\_\_\_\_
- OTH \_\_\_\_\_

*Guastella*  
DOCUMENT NUMBER-DATE  
**06526 JUN 17 96**  
FPSC-RECORDS/REPORTING

*Seidman*  
DOCUMENT NUMBER-DATE  
**06527 JUN 17 96**  
FPSC-RECORDS/REPORTING

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

In re: Application for rate increase in )  
Flagler County by PALM COAST )  
UTILITY CORPORATION )

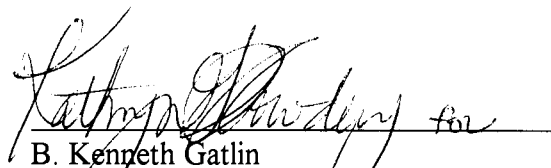
Docket No. 951056-WS

Filed: June 17, 1996

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true and correct copy of Palm Coast Utility Corporation's Rebuttal Testimony of John F. Guastella and Rebuttal Testimony and Exhibits of Frank Seidman have been furnished by hand delivery to Mr. Scott Edmonds, Esquire, Division of Legal Services, Florida Public Service Commission, 2540 Shumard Oak Blvd., Tallahassee, Florida 32399-0850, to Mr. Richard D. Melson, Esquire, Hopping, Green Sams & Smith, 123 South Calhoun Street, Tallahassee, Florida 32314, and to Mr. Stephen C. Reilly, Associate Public Counsel, Office of Public Counsel, 111 W. Madison Street, Room 812, Claude Pepper Building, Tallahassee, Florida 32399-1400, on this 17th day of June, 1996.

Respectfully submitted,



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Attorneys for  
PALM COAST UTILITY CORPORATION

**ORIGINAL  
FILE COPY**

1                   REBUTTAL TESTIMONY OF JOHN F. GUASTELLA  
2                   BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION  
3                   REGARDING THE APPLICATION FOR INCREASED RATES FOR  
4                   PALM COAST UTILITY CORPORATION  
5                   IN FLAGLER COUNTY  
6                   DOCKET NO. ~~051056-WS~~

7  
8           Q.    Please state your name, profession and address.

9           A.    My name is John F. Guastella. I am President of  
10           Guastella Associates, Inc., consultants in the  
11           utility regulatory field. My mailing address is  
12           P.O. Box 371, Peapack, New Jersey 07977.

13  
14          Q.    Have you previously submitted direct testimony in  
15           this proceeding?

16          A.    Yes.

17  
18          Q.    What is the purpose of your rebuttal testimony?

19          A.    My rebuttal testimony will address the direct  
20           testimony of Public Counsel witnesses, Mr. Ted L.  
21           Biddy and Ms. Kimberly H. Dismukes, and Florida  
22           Public Service Commission ("FPSC") witnesses, Ms.  
23           Karen Amaya and Mr. Robert F. Dodrill, with respect  
24           to used and useful and related issues. My testi-  
25           mony also addresses the testimony of Mr. Arsenio

1 Milian and Mr. Gary L. Moyer, filed on behalf of the  
2 Dunes Community Development District ("DCDD") with  
3 respect to the proposed rate for effluent reuse sales.  
4

5 Q. Have you reviewed the testimony of these witnesses,  
6 as well as the pre-filed testimony of other wit-  
7 nesses on behalf of the FPSC?

8 A. Yes.

9  
10 Q. Do you have any general comments with respect to  
11 Mr. Bidy's testimony regarding the issue of used  
12 and useful?

13 A. Yes. My overall impression is that Mr. Bidy would  
14 strictly limit recognition of PCUC's cost of pro-  
15 viding service to a ratio of the existing test year  
16 demands to the capacity of various system compo-  
17 nents. Mr. Bidy seems to give absolutely no  
18 consideration to regulations which require water  
19 and sewer utilities to have sufficient capacity to  
20 add customers or the rate setting precedents which  
21 require that a utility be granted sufficient reve-  
22 nues to cover its current cost of providing ser-  
23 vice. Mr. Bidy's proposed methodology ignores  
24 regulatory requirements with respect to the provi-  
25 sion of safe and adequate service, it ignores basic

1 rate setting principles and it ignores longstanding  
2 used and useful policies established by the FPSC  
3 not only with respect to PCUC, but other water and  
4 sewer utilities as well.

5 Mr. Bidy attempts to justify his approach, in part,  
6 by suggesting it is reasonable to simply shift costs to  
7 future customers, without adequate consideration of  
8 whether PCUC will be able to recover its current costs of  
9 providing service, or whether shifting costs to future  
10 customers results in unduly discriminatory rates for  
11 those customers.

12

13 Q. Has Mr. Bidy departed from the FPSC's decisions  
14 with respect to PCUC in prior rate cases?

15 A. Yes.

16

17 Q. Would you list those items where Mr. Bidy has  
18 departed from FPSC decisions regarding PCUC?

19 A. Yes.

20 1. Mr. Bidy recommends the disallowance of  
21 margin reserve, which is contrary to the  
22 FPSC's decision with respect to PCUC.

23 2. One of the arguments Mr. Bidy makes with  
24 respect to the disallowance of margin reserve  
25 is that the utility receives guaranteed reve-

- 1                   nues, which is an argument specifically re-  
2                   jected by the FPSC.
- 3           3.   Mr. Biddy recommends that no allowance for  
4           fire demand be included in the used and useful  
5           calculations with respect to source of supply  
6           and treatment plant, which was specifically  
7           rejected by the FPSC.
- 8           4.   Mr. Biddy argues against the use of the maxi-  
9           mum day with respect to the calculation of  
10          used and useful for the water plant, which is  
11          contrary to the FPSC's finding with respect to  
12          PCUC in previous cases.
- 13          5.   Mr. Biddy fails to adjust the total well  
14          capacity in order to recognize that on any  
15          given day some wells will be out of service,  
16          which is contrary to the FPSC's findings with  
17          respect to PCUC in previous cases.
- 18          6.   Mr. Biddy calculates a used and useful per-  
19          centage with respect to water treatment plant  
20          without an allowance for plant uses, contrary  
21          to the FPSC's finding with respect to PCUC in  
22          previous cases.
- 23          7.   With respect to water and wastewater mains,  
24          Mr. Biddy recommends the use of a ratio of  
25          connected lots to total lots in his calcula-

1                   tion of used and useful, which is contrary to  
2                   the FPSC's acceptance of the ratio of ERCs to  
3                   lots in the PCUC's previous rate cases.

4           8.    Mr. Biddy makes no individual analysis with  
5                   respect to transmission (off-site) mains,  
6                   which is contrary to the method accepted by  
7                   the FPSC in PCUC's previous rate cases.

8           9.    Mr. Biddy utilizes a "lot count method,"  
9                   without a separate analysis with respect to  
10                  the wastewater pumping plant, contrary to the  
11                  FPSC's finding in PCUC's previous rate cases.

12          10.   Mr. Biddy makes no separate adjustment for  
13                  hydrants, but instead apparently uses his lot  
14                  count method, which is contrary to the FPSC's  
15                  finding in PCUC's previous rate cases.

16          11.   Mr. Biddy makes no separate analysis with  
17                  respect to force main and gravity main, which  
18                  is contrary to the FPSC's finding with respect  
19                  to PCUC in previous cases.

20

21    **Q.    Do you agree with Ms. Amaya's testimony that while**  
22           **the FPSC does not currently have rules which set**  
23           **out a specific methodology for used and useful**  
24           **determinations, it has been working with industry**

1           and the Department of Environmental Protection  
2           ("DEP") to establish such rules?

3       A.    Yes.  I have been a participant in that process,  
4           which has been open to all interested industry and  
5           regulatory representatives.

6  
7       Q.    Have any specific methods been established with  
8           respect to used and useful calculations?

9       A.    To my knowledge no final recommendation has been  
10           prepared for submission to the FPSC.  The used and  
11           useful workshop, however, has identified certain  
12           principles which should be recognized in any rules  
13           which establish specific methods or calculations  
14           with which to make used and useful determinations.  
15           It has been recognized that water and sewer utili-  
16           ties must provide safe and adequate service to both  
17           existing and future customers and should be encour-  
18           aged to construct economically-sized facilities in  
19           order to do so.  While the characteristics of  
20           water and sewer utilities differ from such other  
21           utilities as electric and gas, and require differ-  
22           ent considerations with respect to used and useful,  
23           it must also be recognized that those other utility  
24           industries construct facilities with sufficient  
25           capacity to meet both short and long term growth,



1 the costs of which are recognized for rate setting  
2 purposes. The used and useful determinations for  
3 water and sewer utilities which serve growing real  
4 estate developments should not produce rates which  
5 deny a reasonable level of current costs. Used and  
6 useful determinations for water and sewer utilities  
7 should not be so stringent as to deny similar  
8 reasonable rate allowances, nor should they foster  
9 within the water and sewer industry a disincentive  
10 to construct reasonably-sized facilities.

11

12 Margin Reserve

13 Q. Do you agree with Mr. Biddy's recommendation to  
14 disallow any margin reserve as part of the used and  
15 useful calculation?

16 A. No. The FPSC has recognized for this utility as  
17 well as others that margin reserve represents a  
18 cost for utility facilities which must be incurred  
19 to serve both existing and new customers. It has  
20 recognized that existing customers will be present  
21 in the future when new customers are added, and  
22 both must receive adequate service. The FPSC has  
23 recognized that service must be provided to all  
24 customers on a continuous basis, now and in the  
25 future, to not only meet growth but also changes in

1 demand characteristics of all customers. The FPSC  
2 has recognized that the requirements to serve  
3 customers are the same for all utility companies  
4 regardless of whether the utility company is serv-  
5 ing affiliated or unaffiliated developers. The  
6 FPSC has recognized that the provision of service  
7 to existing and new customers is a statutory re-  
8 quirement. Mr. Biddy does not recognize or ade-  
9 quately address any of those FPSC findings.

10 Moreover, he does not explain how a utility would  
11 recover a reasonable level of costs which it is incurring  
12 on a current basis. The FPSC has specifically rejected,  
13 in its past decisions for PCUC and in other cases, Mr.  
14 Biddy's argument that margin reserve should be denied  
15 because carrying charges for plant needed to serve future  
16 customers may be paid to the utility by guaranteed  
17 revenues.

18

19 **Q. Do you agree with Mr. Biddy's argument regarding**  
20 **AFPI charges?**

21 **A.** No. An AFPI charge is not and should not be a  
22 mechanism to shift to future customers costs which  
23 are appropriately recovered through general rates  
24 for service. The new customers who pay a proper  
25 level of AFPI charges will also pay a proportionate

1 level of the costs related to margin reserve when  
2 they pay general rates for service. There is no  
3 need to improperly shift costs to future customers  
4 simply to hold rates artificially low. In addi-  
5 tion, the level of collection of AFPI charges is  
6 uncertain and spread over future periods. Accord-  
7 ingly, shifting costs to AFPI for margin reserve  
8 would deny PCUC its unavoidable and reasonable  
9 current cost of providing service.

10

11 **Q. Do you agree with Ms. Amaya's allowances for margin**  
12 **reserve?**

13 **A.** I, of course, agree with Ms. Amaya in that she  
14 recognized the validity of a margin reserve allow-  
15 ance in used and useful calculations. I disagree,  
16 however, with certain adjustments she made with  
17 respect to some individual plant components. With  
18 respect to the membrane softening plant, Ms. Amaya  
19 uses an 18-month period for margin reserve instead  
20 of the proposed three-year period, for the reason  
21 that the expansion of the plant to accommodate  
22 additional membrane skids would not require more  
23 than eighteen months. I would first point out that  
24 the Company's rate filing and my used and useful  
25 calculations do not include the cost of expanding

1           the plant; they are based on the cost of the exist-  
2           ing plant, which in fact required nearly five years  
3           from design to completion. It is also conceptually  
4           improper to base the period for margin reserve for  
5           the existing plant on the period for incremental  
6           increases to that plant. I have selected a three-  
7           year period with respect to water treatment plants  
8           recognizing that it is a reasonable average allow-  
9           ance to design, permit and construct the water  
10          plants (with shorter periods for expansion) and  
11          allow for regulatory lag.

12           Ms. Amaya also reduces the period for margin reserve  
13          with respect to water and wastewater mains from eighteen  
14          months to twelve months, simply stating that the shorter  
15          period is sufficient. It is important to recognize that  
16          the margin reserve portion of used and useful calcula-  
17          tions is part of a rate setting/cost recovery process,  
18          and should not be viewed as only a permitting, design and  
19          construction process. In my opinion, margin reserve  
20          should always be based on a period of at least eighteen  
21          months, even if the design, permitting and construction  
22          process takes only twelve months. The reason for this  
23          duration is that by the time a utility files and receives  
24          rate relief, there is usually a regulatory lag with  
25          respect to cost recovery. In this case, PCUC is utiliz-

1 ing a year-end 1995 test year. Accordingly, the period  
2 for the regulatory lag between the end of the test year  
3 and the full year that the new rates will be in effect  
4 will itself exceed twelve months.

5 With respect to the wastewater treatment plant and  
6 effluent disposal (excluding the effluent storage tank),  
7 Ms. Amaya uses a three-year margin reserve instead of the  
8 proposed five-year margin reserve. The five-year margin  
9 reserve was utilized because of the Company's specific  
10 experience with respect to design, permitting and  
11 construction of wastewater treatment and disposal  
12 facilities. In workshop discussions with respect to used  
13 and useful rules, DEP representatives have suggested that  
14 ten years be considered for margin reserve.

15

16 **Q. Am I correct that the demands which you use in your**  
17 **used and useful calculations are based on demands**  
18 **for 1995 prior to the allowance of margin reserve?**

19 **A. Yes.** In fact with respect to the water system, the  
20 maximum day demand was actually a 1994 demand. I  
21 conservatively used that 1994 demand as being  
22 applicable to the mid-point of 1995. Accordingly,  
23 before including an allowance for margin reserve,  
24 the maximum day demand for "average" 1995 should be  
25 adjusted for growth to bring that demand to a year-

1           end 1995 demand. Thus, the margin reserve period  
2           with respect to the water treatment plant is three  
3           years for margin reserve and half a year for growth  
4           between mid-1995 and year-end 1995. The same is  
5           true with respect to the other margin reserve  
6           allowances. In other words, half a year should be  
7           added to recognize that PCUC's rate filing is based  
8           on a year-end test year, and the demands represent  
9           mid-point 1995 demands.

10

11       **Q. Has Ms. Amaya taken the half-year's growth into**  
12       **account in her calculations of the demands which**  
13       **should be used, including margin reserve for used**  
14       **and useful calculations?**

15       A. No. Ms. Amaya applies her respective periods for  
16       margin reserve without recognizing that the half-  
17       year's allowance should be made for growth.

18

19       **Q. Has Ms. Amaya made any allowance to recognize**  
20       **economies of scale?**

21       A. Ms. Amaya testifies that in effect her margin  
22       reserve allowances enable the utility to build  
23       larger increments of plant, thereby taking advan-  
24       tage of economies of scale. It appears, therefore,

1           that Ms. Amaya considers margin reserve to be a  
2           measure of economies of scale.

3

4           **Q. Do you agree with that assessment?**

5           A. No. As I testified, margin reserve recognizes the  
6           need for a utility to have sufficient plant to  
7           serve both present and new customers in the rela-  
8           tively near-term future, without sacrificing the  
9           level of service provided to any future customer  
10          (existing or new). The basis for the allowance has  
11          generally been the time period for design, permit-  
12          ting and construction of utility facilities, as  
13          well as recognition of regulatory lag with respect  
14          to the establishment and implementation of rates  
15          which enable a utility to recover its costs. A  
16          margin reserve period would be necessary whether or  
17          not the facilities being constructed are economi-  
18          cally sized. Participants during the used and  
19          useful workshop recognized that, in addition to  
20          margin reserve, there was a need for some methodol-  
21          ogy with which to reflect economies of scale as a  
22          general allowance. There was a consensus that the  
23          cost to build a facility at 80% of a given capacity  
24          was likely not much lower than the cost to build a  
25          facility at 100% of a given capacity. It is also

1 recognized that utility facilities will generally  
2 have a comfortable level (10% to 20%) of capacity  
3 available even for systems which are fully devel-  
4 oped. In my opinion, the use of a 20% factor for  
5 economies of scale recognize these considerations.  
6 It is also a provision which leads to a reasonable  
7 balance between rate treatment of water and sewer  
8 utilities and that of other types of utilities  
9 regulated by the FPSC, which construct economical  
10 sized systems with ample extra capacity for which  
11 no used and useful calculations are made.

12

13 **Q. Do you agree with the reasons Ms. Dismukes gives**  
14 **for imputing CIAC with respect to margin reserve?**

15 **A.** No. Ms. Dismukes is incorrect when she states that  
16 the imputation of CIAC is necessary to achieve a  
17 proper matching with the margin reserve. The  
18 margin reserve is based on the plant which is used  
19 and useful for year-end 1995. It is obvious that  
20 CIAC will not be received until subsequent to year-  
21 end 1995 for the ERCs represented by margin re-  
22 serve. Moreover, as new customers are added, there  
23 is then a need for yet additional margin reserve.  
24 Accordingly, the need for margin reserve in order  
25 to meet the demands of existing as well as new



1 customers now and in the near-term future is always  
2 current, and the ERCs represented by growth or new  
3 customers is always in the future. That is by  
4 definition the nature of margin reserve.

5

6 Q. Has Ms. Dismukes addressed the reasons which you  
7 stated in your pre-filed testimony as to why CIAC  
8 should not be imputed with respect to margin re-  
9 serve?

10 A. No.

11

12 Q. Am I correct that you are recommending that no CIAC  
13 be imputed with respect to margin reserve despite  
14 the fact that it has been the FPSC's policy to do  
15 so?

16 A. Yes. I believe the FPSC should reconsider its  
17 policy for the reasons stated in my pre-filed  
18 testimony. The arrangement between real estate  
19 purchasers and the affiliated developer of PCUC  
20 with respect to the collection of amounts which  
21 will ultimately become CIAC merely served to par-  
22 tially offset the significant carrying costs the  
23 developer incurred as part of the formation of the  
24 new utility. The FPSC's policy with respect to the  
25 imputation of CIAC conflicts with its policy with

1           respect to AFPI (recovery of carrying costs associ-  
2           ated with non-used and useful plant). As I stated  
3           in my direct testimony, the FPSC established the  
4           AFPI charge in order to recognize that future  
5           customers should pay for the carrying costs associ-  
6           ated with non-used and useful plant. The arrange-  
7           ment established between the Palm Coast developer  
8           and real estate purchasers is conceptually the  
9           same.

10           In my opinion, the FPSC has also recognized that  
11           margin reserve allowances are essential in order for  
12           utilities to construct economically-sized facilities to  
13           meet the demands of existing and new customers now and in  
14           the future. Allowing the necessary margin reserve but  
15           then reducing or eliminating it by the imputation of CIAC  
16           creates a disincentive for utilities to build economical-  
17           ly-sized facilities. By imputing CIAC, the rates for all  
18           customers will eventually be higher because water and  
19           sewer utilities will begin to make economic decisions  
20           based on the FPSC's rate allowances, which will lead to  
21           the construction of facilities which are not economically  
22           sized.

23

24           Fire Flow

1 Q. Did Mr. Biddy make any allowance for fire demands  
2 in his used and useful calculations for the source  
3 of supply and treatment plant?  
4 A. No.  
5  
6 Q. Mr. Biddy states that his primary reason for not  
7 making an allowance for fire flow is because PCUC  
8 did not provide records or supporting documents in  
9 the original filing of the MFRs with respect to  
10 fire flows. Is that a valid reason for making no  
11 allowance for fire flows?  
12 A. No. PCUC submitted MFRs in accordance with the  
13 FPSC requirements, and those MFRs were accepted.  
14 In any event, the need for a utility to meet maxi-  
15 mum day demands plus fire flows when designing and  
16 constructing its system is generally recognized  
17 without the need to provide additional documenta-  
18 tion. Moreover, my pre-filed direct testimony and  
19 used and useful analysis did, in fact, identify the  
20 fire flow demands in this case and as accepted by  
21 the FPSC in the Company's last case.  
22 With respect to an allowance for fire flow for the  
23 source of supply and treatment plant, the FPSC has  
24 consistently recognized that such an allowance is  
25 appropriate for this utility. PCUC experienced signifi-

1       cantly higher fire demands (6,000 GPM at peak flow and a  
2       duration of about two days) during the 1985 forest fires  
3       than the level (2,000 GPM for five hours) included in  
4       either this or the last case. I would also note that  
5       according to the National Board of Fire Underwriters (now  
6       Insurance Service Office), PCUC would be required to meet  
7       a fire flow of 4,500 GPM for a ten-hour duration.  
8       Because of the configuration of the water utility system,  
9       fire demands which may occur throughout the system  
10      require the utilization of all components of the system.  
11      Mr. Bidy was provided with specific testimony regarding  
12      the need for fire demands as well as the FPSC's treatment  
13      of those fire demands as part of the rate filing.

14

15      Maximum Day Demand

16      Q.    Do you agree with Mr. Bidy's use of an average of  
17            the five highest maximum daily flows in the maximum  
18            month, instead of the use of the maximum day in  
19            used and useful calculations?

20      A.    No. The reasons Mr. Bidy gives for not using the  
21            single maximum day flow are that the maximum day  
22            may include unusual leaks, flushing or other un-  
23            usual usage (beyond typical unaccounted-for water)  
24            and because good records are hard to keep. The  
25            maximum day demand which I used contains no unusual

1 usage of water. The Company provided me with  
2 information which identified ten maximum daily  
3 flows, along with any unusual occurrences during  
4 those days. The maximum day I used was, in fact,  
5 the third highest maximum day; the highest and  
6 second highest maximum day flows were rejected  
7 because they did include unusual usage. Also  
8 contrary to Mr. Biddy's testimony, the FPSC has  
9 consistently used the maximum day demand for PCUC  
10 instead of the average of five maximum days.

11

12 Water Treatment Plant

13 Q. Do you agree with Mr. Biddy's calculation of the  
14 used and useful percentage with respect to the  
15 water treatment plants?

16 A. No. In addition to his failure to use the maximum  
17 day, margin reserve or fire flow allowance, which I  
18 previously addressed, Mr. Biddy also fails to  
19 adjust the total capacity for plant uses. As I  
20 indicated in my pre-filed direct testimony, an  
21 adjustment of 13.3% is necessary with respect to  
22 WTP #1. That level is less than the actual level  
23 of plant uses, but higher than the 10% allowed by  
24 the FPSC in the last case. The Company's outside  
25 engineers have recognized a similar level as pro-

1           posed in this case in order to allow for backwash-  
2           ing of filters.

3           I would also note that neither Mr. Biddy or Ms.  
4           Amaya have considered the fact that since WTP #1 had  
5           reached 100% capacity, requiring the addition of WTP #2,  
6           that an adjustment should be made to recognize the  
7           integrated use of both treatment plants. Mr. Biddy does  
8           not address this item at all. Ms. Amaya calculates a  
9           used and useful percentage with respect to WTP #2  
10          apparently on the assumption that it only meets water  
11          demands which exceed the capacity of WTP #1. That  
12          approach is not consistent with the actual integrated use  
13          of the treatment plants. Customer demands cannot be met  
14          at PCUC by operating WTP #1 until it reaches capacity and  
15          then use WTP #2 for the balance of the demand. My  
16          analysis demonstrates the used and useful percentage of  
17          the combined operation of the water treatment plants is  
18          89.3%. The cost of WTP #1, however, is 100% used and  
19          useful as evident from the need for the addition of WTP  
20          #2.

21

22          High Service Pumping

23          Q.    Am I correct that you made a used and useful allo-  
24                cation with respect to high service pumping equip-  
25                ment?

1 A. Yes. The high service pumps were allocated along  
2 with other plant allocations. I do not, however,  
3 make a separate allocation specifically for high  
4 service pumps.

5  
6 Q. Do you agree with Ms. Amaya's calculation of the  
7 used and useful percentage with respect to high  
8 service pumps?

9 A. No. Ms. Amaya uses a combined capacity of all high  
10 service pumps with respect to both treatment  
11 plants. If a separate used and useful allocation  
12 is to be made for high service pumps, then it  
13 should be recognized that the high service pumps at  
14 each treatment plant should be allocated  
15 separately, making allowance for the highest  
16 capacity pump being out of service at each plant.

17

18 Source of Supply

19 Q. Mr. Bidy testified that when storage or high  
20 service pumping facilities are available, the "firm  
21 reliable capacity" method is not applicable. Do  
22 you agree?

23 A. No. There is no "firm reliable capacity" method  
24 with respect to used and useful calculations re-  
25 lated to source of supply. The FPSC has recognized

1           that for used and useful purposes, the capacity of  
2           PCUC sources of supply should be adjusted to re-  
3           flect the reality that some of the wells may not be  
4           on line during the maximum day. With respect to  
5           the lime softening plant (WTP #1), in the last case  
6           the FPSC accepted the Company's elimination of the  
7           capacity of the two highest yield wells from the  
8           total well capacity. At that time the Company had  
9           twenty-two wells in service. There are now twenty-  
10          seven wells serving WTP #1. The Company's records  
11          show that on any given day at least one well is not  
12          in use due to monitoring requirements of the water  
13          management district. In addition, PCUC alternates  
14          the use of certain wells which have relatively  
15          high, naturally occurring color in order to comply  
16          with color standard. While PCUC must perform  
17          periodic maintenance, it must also be prepared for  
18          unanticipated well or pump failures. On average,  
19          for the ten maximum days, there were in excess of  
20          five wells not in operation for various reasons.  
21          Now that the Company has 27 wells instead of the 22  
22          wells it had at the time of the FPSC's last deci-  
23          sion, it is appropriate to recognize three wells  
24          out of service instead of two with respect to WTP  
25          #1.



1        Storage Facilities

2        Q.    Do you agree with Mr. Bidy's used and useful  
3                calculations with respect to water storage facili-  
4                ties?

5        A.    No. Mr. Bidy allows nothing for retention. In my  
6                opinion, whether considering elevated or ground  
7                storage tanks, used and useful calculations should  
8                not be made on the basis that the utility must  
9                drain its storage tanks dry before full recognition  
10               of their cost is included in rate base. As a  
11               practical matter, the utility is simply not going  
12               to pump its ground storage facilities to the point  
13               of suction, nor is it going to permit its elevated  
14               storage facilities to empty down to the mains.

15               With respect to equalization and emergencies, on the  
16               basis of a review of the Company's operating records, it  
17               is appropriate to use a 50% factor to meet equalization  
18               of flows on the maximum day and also be prepared to  
19               handle such emergencies as main breaks and unanticipated  
20               plant shutdowns. It should also be recognized that the  
21               storage facilities must be capable of delivering water  
22               for fires at any point throughout the distribution  
23               system, as well as meet coincidental fire demands.  
24               Accordingly, a separate allowance for fire demands should

1 be made for each of the major storage facilities, as I  
2 proposed.

3

4 Land

5 Q. Do you agree with Mr. Bidy's recommendation to  
6 make a used and useful adjustment to land?

7 A. No. The cost of land to the utility would be no  
8 smaller in order to serve just existing customers  
9 and, therefore, should be considered 100% used and  
10 useful. I would note that Ms. Amaya recognizes  
11 this principle in her discussion with respect to  
12 the concentrate blend station where she states that  
13 "...the minimum investment that should have been  
14 necessary to construct a smaller capacity blend  
15 station to meet current demands should be compared  
16 with the investment the utility has made to con-  
17 struct the current blend station, and any subse-  
18 quent used and useful adjustment should not result  
19 in a lower percentage of investment in plant than  
20 that which would have been necessary for the  
21 smaller capacity blend station."

22

23 Transmission and Distribution System

24 Q. Do you agree with either Mr. Bidy's or Ms. Amaya's  
25 use of a ratio of connected lots to total lots in

1           calculating the used and useful percentage with re-  
2           spect to mains?

3       A.    No.  Ms. Amaya states that it is necessary to com-  
4           pare connected lots to lots available in order to  
5           compare "apples to apples."  Her analogy is mis-  
6           placed.  Neither the design or the cost of mains is  
7           based solely on the number of lots to be served.  
8           Mains are designed for required flows and pressure.  
9           The design must take into consideration residential  
10          flows with respect to some lots, as well as  
11          significantly higher flows with respect to commer-  
12          cial lots.  The design must also take into consid-  
13          eration fire flow requirements.  Finally, the  
14          design must also take into consideration the dis-  
15          tances over which the mains must be extended.  
16          Thus, the cost of mains is based on the cost to  
17          meet flow and pressure requirements as well as to  
18          meet the number of lots to be served.  Mr. Biddy's  
19          and Ms. Amaya's use of connected lots to total  
20          lots, which is not the basis for the design and  
21          cost of mains, to identify the used and useful  
22          cost, creates a mismatch.  My use of the ratio of  
23          ERCs to lots is consistent with the design as well  
24          as the cost of mains, and has been consistently  
25          accepted by the FPSC for PCUC.

1 Q. Do you agree with Mr. Biddy's discussion on page 9  
2 of his pre-filed testimony regarding the used and  
3 useful analysis for the water transmission and  
4 distribution system?

5 A. No. Mr. Biddy's discussion is contradictory. On  
6 the one hand he recognizes that engineers design  
7 water transmission and distribution systems with  
8 fire flow delivering capability, and therefore the  
9 cost of laying water mains includes the cost for  
10 fire flow provision. On the other hand he states  
11 that it is inappropriate to use fire flow allow-  
12 ances in the used and useful calculation.

13 His statements are also contradictory in that he  
14 states the fire flow provision is for all existing and  
15 future customers, but then he states that PCUC's proposed  
16 used and useful calculations shift more cost burden to  
17 existing customers especially in new and sparsely  
18 developed areas. Mr. Biddy's calculations, however,  
19 don't recognize any added cost with respect to mains in  
20 order to meet fire flows, and therefore he includes no  
21 cost for existing customers with respect to fire flow.

22 Mr. Biddy is also incorrect when he states that I  
23 have added an extra 33.1% to the used and useful percent-  
24 age for water mains by including a fire flow allowance.  
25 In fact, in order not to duplicate the cost of mains con-

1 sidered used and useful, I applied the 33.1% fire demand  
2 allowance only to the portion of mains not previously  
3 found to be used and useful according to my density  
4 calculation (ERCs to total lots).

5

6 **Q. Has Mr. Biddy made any other invalid statements**  
7 **with respect to mains?**

8 A. Yes. Mr. Biddy states that the "lot count" method  
9 allocates the water main costs evenly to all cus-  
10 tomers, and that the lot count method gives an  
11 equal cost share to all customers. This analysis  
12 by Mr. Biddy is simply inconsistent with rate  
13 making. A used and useful determination estab-  
14 lishes the cost level of investment which should be  
15 recognized in rates. Once that level of used and  
16 useful cost is established, then studies could be  
17 made to determine an allocation of costs among  
18 customer classes. Mr. Biddy has made no such cost  
19 allocation; he merely uses a ratio of lots to lots  
20 in order to exclude more of PCUC's actual costs  
21 from rate base. Moreover, all customers are  
22 charged the same basic rates for service, and their  
23 share of the costs will vary according to their  
24 usage (given similar classes of customers).  
25 Accordingly, this analysis by Mr. Biddy is

1           irrevelant to the question of appropriate used and  
2           useful calculations. My use of the ratio of ERCs  
3           to lots is appropriate for the purpose of used and  
4           useful calculations for mains.

5

6       **Q. Do you agree with Mr. Bidy's statement that "the**  
7       **lot count method will not discourage future devel-**  
8       **opment as opposed to the method proposed by PCUC**  
9       **which will probably discourage future development?"**

10      **A. No. Mr. Bidy has presented no evidence and I am**  
11      not aware of any which would demonstrate that  
12      future development is at all affected by the dif-  
13      ference in rates resulting from the use of proper  
14      used and useful allowances, let alone the increment  
15      of the rates which is based on used and useful  
16      mains. On the other hand, it is obvious that  
17      because PCUC installed most of the mains in the  
18      early stages of this development, the total cost  
19      included as used and useful is much less than if  
20      the mains had been installed gradually over the  
21      years (because the cost of labor, material and  
22      construction costs have increased over the years).  
23      The lower embedded cost of mains coupled with used  
24      and useful adjustments have produced the lowest  
25      cost of service for this utility. In any event,

1 the process of rate setting is to establish the  
2 cost of providing utility service.

3

4 Q. Mr. Bidy states that "fire hydrants are part of  
5 the distribution system and there is no need to  
6 perform a separate used and useful analysis." Is  
7 he correct?

8 A. Mr. Bidy is apparently unaware of the fact that  
9 hydrants have not yet been installed throughout the  
10 system and the cost of only the active hydrants  
11 which are all necessary to provide existing custom-  
12 ers with fire protection have been included as used  
13 and useful.

14

15 Q. Has the FPSC accepted your method with respect to  
16 hydrants in previous cases?

17 A. Yes, and it is still applicable.

18

19 Wastewater Collection System

20 Q. To the extent that Mr. Bidy or Ms. Amaya uses the  
21 relationship of connected lots to total lots with  
22 respect to the wastewater collection system, would  
23 your comments be similar?

24 A. Yes. They would be similar to those made regarding  
25 the water transmission and distribution system.

1 Q. Mr. Bidby's June 3, 1996 revision eliminated this  
2 sentence on lines 8 to 11 of page 11 of his testi-  
3 mony. "...It is inappropriate and unnecessary to  
4 break down the collection system used and useful  
5 into gravity main, pre-treatment effluent pumping  
6 (PEP) main, PEP tanks, force main and service lines  
7 as PCUC has proposed." Did he provide any other  
8 explanation regarding those components?

9 A. No. He apparently relies on his lot count analysis  
10 stating that "lot count provides an equal share for  
11 all customers, so that existing customers will not  
12 subsidize future customers." Once again, Mr. Bidby  
13 seems to consider his used and useful analysis as  
14 being an exercise which establishes equal shares of  
15 the costs for all customers. He is incorrect.  
16 Used and useful analyses establish the utility's  
17 cost of providing service which should be recovered  
18 through the rates resulting from this rate case.  
19 The use of lot counts is not a mechanism with which  
20 to establish equal share costs for all customers,  
21 individually as a class or existing compared to  
22 future. As has been recognized by the FPSC in  
23 previous cases and Ms. Amaya in this case, separate  
24 treatment with respect to gravity mains, PEP sys-  
25 tem, force mains and service lines is most appro-



1           priate for PCUC. Two of the most obvious examples  
2           relate to PEP tanks and service lines. Clearly  
3           those components may be identified with individual  
4           existing customers and should be included as en-  
5           tirely used and useful. Mr. Biddy's lot count ana-  
6           lysis which he apparently would apply to those  
7           items because he believes it creates an equal share  
8           for all customers, existing as well as future,  
9           simply does not make sense.

10

11           Collection System Pumping Plant

12           Q.    Ms. Amaya has adopted your methodology with respect  
13           to the pumping plant with the exception that she  
14           uses a peaking factor of two, as was used in the  
15           last case, instead of a peaking factor of three,  
16           subject to additional justification. Would you  
17           explain why you use a peaking factor of three?

18           A.    Yes. According to recommended design criteria with  
19           respect to the design of sewers (which have been  
20           provided in response to interrogatories), the  
21           peaking factor for domestic wastewater flows, with  
22           and without commercial flows and inflow and infil-  
23           tration, show that a peaking factor in excess of  
24           three times average is warranted. The factor of  
25           two times used in the last case has been found to

1           be inadequate for peak flows during the course of  
2           any given day.

3

4       **Q.    Do you agree with Ms. Amaya's analysis with respect**  
5       **to the effluent disposal facilities?**

6       A.   No.   First I would point out that the capacity of  
7       the spray field is 600,000 gallons per day, not the  
8       800,000 gallons per day used by Ms. Amaya.   The  
9       second error is with respect to the older RIB site  
10      which has a capacity of one million gallons per  
11      day, not 1.3 million gallons per day.   It also  
12      appears that Ms. Amaya did not make adjustment for  
13      dry weather capacity, which of course is not avail-  
14      able during wet weather periods.

15           With respect to the effluent storage tank, Ms. Amaya  
16      performs a separate calculation using only the spray  
17      field capacity (using 800,000 GPD instead of the correct  
18      600,000 GPD), but fails to take into consideration the  
19      1.6 MGD disposal at DCDD during dry weather periods.  
20      Accordingly, using Ms. Amaya's proposed three-day minimum  
21      requirement would produce a minimum capacity of 6.6  
22      million gallons, which is calculated by multiplying three  
23      times the sum of the 600,000 GPD spray field capacity  
24      plus the 1.6 MGD disposal at DCDD.   I would note,  
25      however, that PCUC's actual requirement for storage is

1 not the minimum amount. PCUC had an outside engineering  
2 firm, Dames & Moore, perform a study which indicates that  
3 the wet weather flow volume over a 24-day period ranges  
4 from 4.3 to 4.6 MGD, which would require significantly  
5 more than the minimum capacity when calculated over a 24-  
6 day wet weather period. PCUC's internal studies show a  
7 wet weather flow in excess of 5 MGD over a 21-day wet  
8 weather period. Because of this significant need for wet  
9 weather storage in excess of the 6 million gallon storage  
10 tank, PCUC is seeking surface water discharges, which it  
11 now does not have.

12

13 Wastewater Treatment Plant

14 Q. Do you agree with Ms. Amaya's use of the average  
15 annual daily flow in the calculation of used and  
16 useful for the wastewater treatment plant?

17 A. No. Despite the fact that the permitted capacity  
18 of wastewater treatment plants is stated as an  
19 average annual daily flow, treatment plant must be  
20 designed to meet the maximum three-month demand.  
21 The cost of wastewater treatment plants is also,  
22 therefore, related to the design criteria for the  
23 maximum three-month demand at a minimum. PCUC  
24 cannot meet the wastewater flow demands of its  
25 customers if the capacity of the plant was limited

1 to the average annual daily flow. Although utili-  
2 ties have a choice of stating the permitted capac-  
3 ity in terms of either annual average, maximum  
4 three months or maximum month demands, DEP never-  
5 theless requires the expansion of plants on the  
6 basis of the three-month average daily flow.  
7 Capacity analysis reports must be submitted to DEP  
8 on the basis of the three-month average daily  
9 flows. If these reports show that the permitted  
10 capacity will be equaled or exceeded within the  
11 next five years, DEP requires that the planning and  
12 design of the expansion be initiated. Accordingly,  
13 the cost which the utility incurs with respect to  
14 its wastewater treatment plants is based on its  
15 ability to meet the three-month average demands in  
16 relation to their permitted capacity, and the used  
17 and useful cost should be determined on a similar  
18 basis.

19

20 Effluent Reuse Rate

21 Q. Do you agree with Mr. Milian that DEP as well as  
22 water management districts encourage and in many  
23 cases require reuse of effluent for irrigation?

24 A. Yes. In addition, I believe the FPSC also supports  
25 such a policy. The use of effluent (least quality

1 water) for irrigation purposes has become suffi-  
2 ciently important that charges for such service  
3 have been encouraged by the FPSC. Effluent has  
4 been recognized as a valuable commodity by state  
5 regulatory agencies.

6

7 Q. Do you agree with Mr. Milian that "to the extent  
8 that higher rates for effluent reuse will discour-  
9 age reuse for irrigation, the proposed rates would,  
10 in effect, be contrary to the implementation of the  
11 policies of these agencies"?

12 A. Mr. Milian has not quantified the level of rates  
13 which would cause DCDD to stop taking effluent  
14 reuse for irrigation purposes. The effluent reuse  
15 rate of 67 cents per thousand gallons, which I am  
16 proposing, is approximately half of the bulk water  
17 rate which DCDD is paying for potable water. Al-  
18 though I have not undertaken any studies in this  
19 regard, I assume that the bulk water rate is itself  
20 significantly less than what it would have cost  
21 DCDD to develop its own facilities for potable wa-  
22 ter. Thus, I doubt that the proposed effluent  
23 reuse rate would prompt DCDD to use potable water  
24 instead, or find another source of its own, even if  
25 that were feasible.

1 Q. Mr. Milian states that PCUC is the primary benefi-  
2 ciary in the arrangement it has with DCDD. Do you  
3 agree that PCUC is the primary beneficiary?

4 A. No. The customers of both PCUC and DCDD are  
5 beneficiaries because of the environmental protec-  
6 tion created by the use of effluent reuse water  
7 instead of potable water. DCDD will be obtaining  
8 effluent reuse water from PCUC at a cost which is  
9 less than the bulk rate PCUC is charging for pota-  
10 ble water. DCDD is also likely receiving a  
11 significant benefit because PCUC is selling potable  
12 water to it at a bulk rate instead of what it would  
13 have cost DCDD to have obtained its own separate  
14 supply of water. It appears that DCDD customers  
15 are paying less for effluent reuse water than they  
16 would otherwise pay for potable water for irriga-  
17 tion. I would add that if PCUC's rate for effluent  
18 reuse is adopted, the resultant revenues would be  
19 flowed through to offset PCUC's sewer rates so that  
20 PCUC's customers (not stockholders) also receive a  
21 benefit.

22

23 Q. From a policy perspective, what would be a reason-  
24 able rate even if there were no cost study to  
25 support PCUC's proposed reuse rate?

1       A.    The FPSC has indicated in other cases that an  
2            effluent rate should not exceed the cost of alter-  
3            natives for irrigation water.  On that basis, it  
4            seems that the upper limit would be at least the  
5            level of PCUC's raw water rate.  It is not incon-  
6            ceivable, however, that consideration of value  
7            alone would include a determination of what it  
8            would have cost DCDD to install all of its own  
9            water facilities.  From strictly a "value" consid-  
10           eration, in my opinion, the rate of 67 cents per  
11           thousand gallons is a reasonable mid-point.

12

13       **Q.    Mr. Milian states that PCUC has not incurred any**  
14            **incremental costs, and ultimately that is one of**  
15            **the reasons that he is recommending that no rate be**  
16            **charged for effluent reuse water.  Do you agree?**

17       A.    No, in general, rates are not based on incremental  
18            cost pricing.  Although PCUC did, in fact, incur  
19            costs for the six million gallon storage facilities  
20            primarily as a means of providing service to DCDD,  
21            an effluent reuse rate should not be based on  
22            incremental costs.  Rate setting is basically an  
23            averaging process.  Similar classes of customer all  
24            pay the same rates for service.  For example,  
25            residential customers closer to the source of

1 supply do not pay less for water than customers far  
2 from the source of supply. Existing customers do  
3 not pay less for water than new customers despite  
4 the fact that the cost of facilities today are  
5 higher than in the past.

6  
7 Q. Assume a utility customer is connected to an exist-  
8 ing main and the utility does not have to add  
9 plant, employees or any significant expense to  
10 provide service. In other words, there is no  
11 significant incremental cost to serve that cus-  
12 tomer. Should that utility not charge that cus-  
13 tomer for service?

14 A. No. Such a customer would and should pay the same  
15 rates as other customers.

16  
17 Q. Do you believe your cost allocation study develops  
18 a reasonable allocation considering the value of  
19 service, the state's policy regarding effluent  
20 reuse for irrigation purposes and cost allocation  
21 principles?

22 A. Yes. I believe Mr. Milian's recommendation that  
23 there should be no effluent rate is extreme in that  
24 it does not recognize the value to all effluent  
25 customers or to the state due to the availability



1 of effluent reuse. The other extreme would have  
2 been the allocation of all costs of the wastewater  
3 collection and treatment facilities to effluent  
4 reuse, justified on the basis that there would be  
5 no effluent reuse available to DCDD if PCUC did not  
6 collect and treat wastewater. My study is not  
7 based on an incremental cost analysis, nor is it  
8 based on a fully allocated cost analysis. I have  
9 allocated only effluent reuse facilities which are  
10 necessary to handle wet weather conditions. More-  
11 over, I have spread those costs over all effluent  
12 not just the estimated effluent purchases by DCDD.  
13 Accordingly, I believe that the effluent reuse rate  
14 establishes a reasonable economic balance among the  
15 parties and is consistent with water conservation  
16 concerns of the responsible state regulatory agen-  
17 cies.  
18

1        Audit Disclosure No. 5

2        Q.    Does Mr. Dodrill correctly state in Audit Disclo-  
3                sure No. 5 PCUC's position with respect to the  
4                utility assets which were used to establish an  
5                effluent reuse rate?

6        A.    No. Mr. Dodrill is incorrect when he characterizes  
7                the cost allocation study with respect to the  
8                development of an effluent reuse rate as a "dedica-  
9                tion" of \$2,935,977 of sewer utility plant to  
10              effluent reuse (for sale to a customer). All plant  
11              and facilities used to dispose of effluent are  
12              essential in order to treat wastewater and provide  
13              sewerage disposal service to its customers in  
14              compliance with DEP regulatory requirements. Since  
15              PCUC has an opportunity to sell some of its efflu-  
16              ent, it has developed a rate for effluent based on  
17              a cost allocation of certain of its sewer utility  
18              plant and facilities. The revenues which are  
19              estimated to be generated by the sale of effluent  
20              have been deducted from the overall sewer system  
21              revenue requirement and, therefore, the sewer  
22              customers receive the full benefit of the cost  
23              allocation to effluent reuse sales. Accordingly,  
24              Mr. Dodrill's suggestion to reduce the sewer util-  
25              ity plant accounts by \$2,935,977 would not only

1           constitute, in part, a double deduction but also  
2           deny PCUC the ability to recover the cost of efflu-  
3           ent disposal which it must incur in order to serve  
4           its regular sewer customers.

5

6           Non-used CIAC

7           **Q. Do you agree with Ms. Dismukes' recommendation to**  
8           **adjust the capital structure by including "non-used**  
9           **CIAC" as cost free capital?**

10          **A. No, for the same reasons which Mr. Seidman de-**  
11          **scribes in detail in his rebuttal testimony.**

12

13          **Q. Is there a broader issue created by Ms. Dismukes'**  
14          **recommendation with respect to non-used CIAC?**

15          **A. Yes. Ms. Dismukes' recommendation would in effect**  
16          **require the FPSC to completely overhaul its poli-**  
17          **cies with respect to rate regulation for developer-**  
18          **related water and sewer utilities. In order to**  
19          **establish a regulatory policy with respect to rate**  
20          **regulation of developer-related water and sewer**  
21          **utilities, the FPSC has established over the years**  
22          **a policy with respect to significant used and**  
23          **useful adjustments for such utilities, as well as**  
24          **policies and regulations with respect to service**  
25          **availability charges, including both capacity fees**

1 as well as AFPI charges. The Florida statutes also  
2 reflect the FPSC's policies with respect to the  
3 exclusion from rate base of contributions in aid of  
4 construction. Accordingly, the FPSC policies,  
5 rules and regulations and Florida statutes have all  
6 evolved over the years in order to develop an  
7 appropriate mechanism with which to recognize rate  
8 setting for new and/or growing developer-related  
9 utilities. Ms. Dismukes' recommendation introduces  
10 an element which would necessitate a complete  
11 revamping of the FPSC's rate setting treatment  
12 regarding such utilities.

13 It is important to recognize that "non-used CIAC" or  
14 "prepaid CIAC" is not contributions in aid of construc-  
15 tion, nor is it attributable to existing customers or  
16 used and useful investment in accordance with FPSC policy  
17 or rules. Instead, the dollars associated with what has  
18 been dubbed non-used CIAC or prepaid CIAC represent  
19 dollars collected in accordance with agreements between  
20 developers and real estate purchasers. While developers  
21 may or may not transfer those dollars to a utility as  
22 part of the funding of non-used and useful plants,  
23 developers also incur enormous costs to create and  
24 subsidize new water and sewer utilities during their  
25 growth years. With respect to Palm Coast, I estimate

1 that the carrying costs incurred by the developer since  
2 1980 amount to approximately \$60 million. If any rate  
3 making consideration were to be given to non-used CIAC,  
4 then the developer's carrying costs to create this  
5 utility would also have to be given consideration.  
6 Accordingly, an entirely different method would have to  
7 be created to replace the FPSC's existing policies and  
8 rules with respect to rate setting for developer-related  
9 water and sewer utilities.

10

11 **Q. In your opinion would it be possible to undertake**  
12 **such a revamping of the FPSC's rate setting poli-**  
13 **cies?**

14 **A. No.** The FPSC's policies with respect to service  
15 availability charges, levels of CIAC and used and  
16 useful analyses have been applied for too many  
17 years to now change direction. While each of those  
18 specific policies and components may be improved  
19 upon, the inter-relationship of all of them with  
20 respect to the appropriate regulation of water and  
21 sewer utilities cannot change so significantly as  
22 to begin to introduce such foreign elements as is  
23 being recommended by Ms. Dismukes.

24

1 Q. Does that conclude your testimony at this time,  
2 pending the receipt of any revisions or additional  
3 testimony by other parties?

4 A. Yes.

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