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ORIGINAL  
FILE COPY

April 9, 1996

Blanca S. Bayo, Director  
Division of Records and Reporting  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

Re: Case No. 950387-SU

Dear Ms. Bayo:

Enclosed for filing in the above-referenced docket are the original and 15 copies of the Direct Testimony of Ted L. Bidy, P.E./P.L.S. on Behalf of the Citizens of the State of Florida.

Please indicate the time and date of receipt on the enclosed duplicate of this letter and return it to our office.

Sincerely,

Harold McLean  
Associate Public Counsel

ACK	✓
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APP	_____
CAF	_____
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SEC	_____
WAS	_____
OTH	_____

HM:bsr

Enclosures

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FPSO-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE

04111 APR-98

**CERTIFICATE OF SERVICE**  
**DOCKET NO. 950387-SU**

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by U.S. Mail or by \*Hand-delivery to the following party representatives on this 9th day of April, 1996:

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\_\_\_\_\_  
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Associate Public Counsel

**DIRECT TESTIMONY OF TED L. BIDDY, P.E. / P.L.S.**  
**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**  
**ON BEHALF OF THE**  
**CITIZENS OF THE STATE OF FLORIDA**  
**DOCKET NO. 950387-WU**

DOCUMENT NUMBER-DATE  
04111 APR-98  
FPSC-RECORDS/REPORTING

1 **Q. WHAT IS YOUR NAME AND BUSINESS ADDRESS?**

2 A. My name is Ted L. Bidy. My business address is Baskerville-Donovan, Inc.  
3 (BDI), 2878 Remington Green Circle, Tallahassee, Florida 32308.

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

5 A. I am Vice-President of Baskerville-Donovan, Inc. and Regional Manager of the  
6 Tallahassee Office.

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

9 A. I graduated from the Georgia Institute of Technology with a B.S. degree in Civil  
10 Engineering in 1963. I am a registered professional engineer and land surveyor in  
11 Florida, Georgia and Mississippi and several other states. Before joining BDI in  
12 1991, I had operated my own civil engineering firm for 21 years. My areas of  
13 expertise include civil engineering, structural engineering, sanitary engineering,  
14 soils and foundation engineering and precise surveying. During my career, I have  
15 designed and supervised the master planning, design and construction of thousands  
16 of residential, commercial and industrial properties. My work has included: water  
17 and wastewater design; roadway design; parking lot design; stormwater facilities  
18 design; structural design; land surveys; and environmental permitting.

19 I have served as principal and chief designer for numerous utility projects.  
20 Among my major water and wastewater facilities designs have been a 2,000 acre  
21 development in Lake County, FL; a 1,200 acre development in Ocean Springs, MS;  
22 a 4 mile water distribution system for Talquin Electric Cooperative, Inc. and a 320

1 lot subdivision in Leon County, FL.

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

3 A. I am a member of the Florida Engineering Society, National Society of Professional  
4 Engineers, and Florida Society of Professional Land Surveyors.

5 **Q. HAVE YOU PREVIOUSLY TESTIFIED BEFORE THE FLORIDA PUBLIC  
6 SERVICE COMMISSION (FPSC)?**

7 A. Yes. I have testified in the St. George Island Utilities, Ltd. case in Docket No.  
8 940109-WU.

9 **Q. HAVE YOU PREVIOUSLY TESTIFIED BEFORE A STATE OR FEDERAL  
10 COURT AS AN ENGINEERING EXPERT WITNESS?**

11 A. Yes, I have had numerous court appearances as an expert witness for cases  
12 involving roadways, utilities, drainage, stormwater, water and wastewater facilities  
13 designs.

14 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?**

15 A. The purpose of my testimony is to provide comments on the issue of inflow/  
16 infiltration and wastewater treatment plant expansion for this rate increase filing.

17 **Q. IS IT CORRECT THAT IF A UTILITY CAN ELIMINATE EXCESSIVE  
18 INFLOW AND INFILTRATION FOR 0.25 MGD AMOUNT, THEN THE  
19 UTILITY CAN AVOID WASTEWATER PLANT EXPANSION FOR THE  
20 SAME CAPACITY?**

21 A. Yes, it is correct. A utility can avoid unnecessary plant expansion by eliminating  
22 excessive inflow and infiltration. The wastewater system of City of Apalachicola

1 is a typical example. Inflow and infiltration is excessive from the City's wastewater  
2 collection system. The wastewater effluent exceeded the permitted treatment plant  
3 capacity 1.0 MGD numerous times. However, the City's is not planning for plant  
4 expansion because the City is in the process of rebuilding its collection system.

5 **Q. DOES THIS CONCLUDE YOUR PREFILED TESTIMONY?**

6 A Yes, that concludes my testimony filed on April 9, 1996.