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TESTIMONY OF MIRIAM HUNT-BOATENG  
DEPARTMENT OF ENVIRONMENTAL REGULATION

FILED ON BEHALF OF  
THE STAFF OF THE FLORIDA PUBLIC SERVICE COMMISSION

FILED: OCTOBER 12, 1992

SYSTEMS: BAY LAKE ESTATES, FOUNTAINS, INTERCESSION CITY, LAKE AJAY VILLAGE,  
PINERIDGE ESTATES, TROPICAL PARK AND WINDSONG WATER SYSTEMS

COUNTIES: OSCEOLA

DOCKET NO. 920199-WS - APPLICATION FOR A RATE INCREASE BY  
SOUTHERN STATES UTILITIES, INC.

DOCUMENT NUMBER-DATE  
11970 OCT 12 1992  
FPSC-RECORDS/REPORTING

1 DIRECT TESTIMONY OF MIRIAM HUNT-BOATENG

2 Q. Please state your name and business address.

3 A. My name is Miriam Hunt-Boateng. My business address is 3319 Maguire  
4 Blvd., Orlando, Florida 32803-3767.

5 Q. Please state a brief description of your educational background and  
6 experience.

7 A. I received a B.S. in Electrical Engineering from Pennsylvania State  
8 University. I have a total of 5 years of water regulatory experience in the  
9 States of Connecticut (Dept. of Public Utility Control) and Florida.

10 Q. By whom are you presently employed?

11 A. I am presently employed by the Florida Department of Environmental  
12 Regulation in the Central District.

13 Q. How long have you been employed with the Department of Environmental  
14 Regulation and in what capacity?

15 A. I have been employed by DER approximately 3 months as an Engineer I in  
16 the Drinking Water Compliance/Enforcement Section.

17 Q. What are your general responsibilities at the Department of  
18 Environmental Regulation?

19 A. My general responsibilities include inspecting public water systems and  
20 examining all engineering drawings and related technical data.

21 Q. Are you familiar with Southern States' Bay Lake Estates, Fountains,  
22 Intercession City, Lake Ajay Village, Pineridge Estates, Tropical Park and  
23 Windsong water treatment systems?

24 A. Yes.

25 Q. Are all plants in compliance with current permit(s)?

1 | A. Yes.

2 | Q. Are the utility's treatment facilities and distribution systems  
3 | sufficient to serve its present customers?

4 | A. Yes.

5 | Q. Does the utility maintain the required 20 psi minimum pressure  
6 | throughout the distribution systems?

7 | A. Yes.

8 | Q. Does the utility have an adequate auxiliary power source in the event  
9 | of a power outage?

10 | A. Yes, for Intercession City, Pineridge Estates, Tropical Park and  
11 | Windsong. No, for Bay Lake Estates, Fountains and Lake Ajay Village.  
12 | According to DER Rule 17-555.320(6) since these systems serve fewer than 350  
13 | people, emergency power is not required.

14 | Q. Are the utility's water wells located in compliance with Section  
15 | 17-555.312, Florida Administrative Code?

16 | A. Yes, for Bay Lake Estates, Fountains, Lake Ajay Village, Pineridge  
17 | Estates and Windsong. Intercession City and Tropical Park each have a well  
18 | within 100 feet of a septic tank or a wastewater plumbing source, however, DER  
19 | has currently accepted both wells.

20 | Q. Does the utility have certified operators as required by Chapter 17-602,  
21 | Florida Administrative Code?

22 | A. Yes.

23 | Q. Has the utility established a cross connection control program in  
24 | accordance with Section 17-555.360, Florida Administrative Code?

25 | A. No, for all systems.

1 Q. What is required to bring the utility into compliance with the cross-  
2 connection control program?

3 A. The Utility must submit a written cross connection control program to  
4 this department and provide a copy to each resident.

5 Q. Is the overall maintenance of the treatment plant and distribution  
6 facilities satisfactory?

7 A. Yes, for Bay Lake Estates, Fountains, Lake Ajay Village, Pineridge  
8 Estates and Tropical Park. No, for Intercession City and Windsong.  
9 Intercession City's hydropneumatic tank shows evidence of corrosive pitting  
10 and should be repaired or replaced. Windsong, at the time of inspection on  
11 9/29/92, was utilizing the interconnection to the City of Kissimmee water  
12 system due to customer complaints of sand in the distribution lines.

13 Q. Does the water produced by the utility meet the State and Federal  
14 maximum contaminant levels for primary and secondary water quality standards?

15 A. Yes.

16 Q. Does the utility monitor the organic contaminants listed in Section  
17 17-550.410, Florida Administrative Code?

18 A. Yes.

19 Q. Do recent chemical analyses of raw and finished water, when compared to  
20 regulations, suggest the need for additional treatment?

21 A. No.

22 Q. Does the utility maintain the required chlorine residual or its  
23 equivalent throughout the distribution system?

24 A. Yes.

25 Q. Has the water system of the Utility been the subject of any Department

1 | of Environmental Regulation enforcement action within the past two years?

2 | A. No.

3 | Q. Do you have anything further to add?

4 | A. No, except with regard to Bay Lakes Estates and Windsong. At Bay Lakes  
5 | Estates, a sanitary survey was conducted by this department on September 27,  
6 | 1990, and SSU was told the pressure tank was not being maintained in good  
7 | operating condition. The access manhole was rusted. On October 2, 1990, the  
8 | pressure tank ruptured. The tank was replaced and the system reinspected on  
9 | 9/24/91 and 9/29/92. No major deficiencies were noted.

10 |       The Windsong system has a history of pumping sand from the well since  
11 | April of 1989. The Utility attempted to correct the problem by installing a  
12 | 6 inch PVC liner and packer to a depth of 220 feet. The Utility's explanation  
13 | for the 9/29/92 problem of sand in the distribution system was a buildup of  
14 | sand in the hydropneumatic tank.

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