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TESTIMONY OF HOSSEIN KADIVAR
DEPARTMENT OF ENVIRONMENTAL REGULATION

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

FILED: OCTOBER 12, 1992

SYSTEMS: CARLTON VILLAGE, FERN TERRACE, FRIENDLY CENTER, GRAND
TERRACE, HOBBY HILLS, IMPERIAL MOBILE TERRACE, PICCIOLA ISLAND,
PINEY WOODS , QUAIL RIDGE, SILVER LAKE ESTATES, AND SKYCREST
WATER

COUNTY: LAKE

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

DOCUMENT NUMBER-DATE
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EPSC-RECORDS/REPORTING

DIRECT TESTIMONY OF HOSSEIN KADIVAR

1 Q. Please state your name and business address.

2 A. My name is Hossein "Nick" Kadivar. My address is 3319 Maguire Blvd.,
3 Suite 232, Orlando, Florida 32803-3767.

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

6 A. I received a Bachelor of Science in Civil Engineering from the
7 University of Central Florida in 1983. I have 6 years of engineering
8 experience in the structural and environmental engineering field.

9 Q. By whom are you presently employed?

10 A. I am employed by the Florida Department of Environmental Regulation
11 (FDER).
12

13 Q. How long have you been employed with the FDER?

14 A. I have been employed with the FDER for 20 Months as an engineer in the
15 potable water program.

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

18 A. My responsibilities include conducting sanitary surveys and
19 compliance inspections of public water systems regulated by the FDER. I also
20 conduct enforcement meetings.

21 Q. Are you familiar with the following Southern States Utilities, Inc.
22 water systems in Lake County: Carlton Village, Fern Terrace, Friendly Center,
23 Grand Terrace, Hobby Hills, Imperial Mobile Terrace, Picciola Island, Piney
24 Woods, Quail Ridge, Silver Lake Estates, and Skycrest?

25 A. Yes. At Quail Ridge, however, my responses will be based on a sanitary

1 | survey conducted by Gary Miller on 1/8/91.

2 | Q. Are the treatment facilities and distribution systems for these water
3 | systems sufficient to serve its present customers?

4 | A. Yes. A second well is required at Fern Terrace, however, since FDER
5 | rules require that utilities provide 2 wells if they serve over 350 people.

6 | Q. Does the utility maintain the 20 psi minimum pressure throughout the
7 | distribution system as required by Section 17-555.350, Florida Administrative
8 | Code?

9 | A. Yes.

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

12 | A. Yes. The following systems do not need an auxiliary power source since
13 | the population is less than 350 people: Skycrest, Friendly Center, Grand
14 | Terrace, Hobby Hills, and Quail Ridge.

15 | Q. Are the utility's water wells in a location which complies Section
16 | 17-555.312, Florida Administrative Code?

17 | A. Yes, except for the well at Friendly Center. A retention pond is less
18 | than 100 feet from the well but the FDER has accepted this distance.

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

21 | A. Yes.

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

24 | A. Yes.

25 | Q. Is the overall maintenance of the treatment plant and distribution

1 facilities satisfactory?

2 A. Yes.

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

5 A. Yes.

6 Q. Does the utility monitor the organic contaminants listed in Section
7 17-550.410, Florida Administrative Code?

8 A. Yes.

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

11 A. No.

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

14 A. Yes.

15 Q. Are the plant and distribution systems in compliance with all the other
16 provisions of Chapter 17 Florida Administrative Code, not previously
17 mentioned?

18 A. Yes.

19 Q. Have any of these water systems been the subject of any Department of
20 Environmental Regulation enforcement action within the past two years?

21 A. Yes.

22 At Carlton Village, SSU refurbished one of the wells without first
23 obtaining a permit and then placed it into service without a clearance. A
24 consent order is being drafted for utility's review and signature.

25 At Fern Terrace, a consent order is being drafted for SSU's review which

1 | requires SSU to provide a second well. As I mentioned previously, a second
2 | well is required since they are serving more than 350 people.

3 | At Silver Lake Estates, SSU did not get a clearance for the Ocklawaha
4 | Drive Extension which was connected to this distribution system (Permit
5 | WD35206683, issued 4/5/92). A consent order is being drafted for SSU's
6 | review.

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

8 | A. No.

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