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DOCKET NO.: 950495-WS - [Southern States Utilities, Inc. - Sunshine Parkway Water System, Stone Mountain Water System, Palms Mobile Home Park Water System, Palisades Country Club Water System, Morningview Water System, Friendly Center Water System, East Lake Harris Estates Water System, Venetian Village Water System]

WITNESS: Direct Testimony of W. E. Darling, Florida Department of Environmental Protection, Appearing on Behalf of the Staff of the Florida Public Service Commission

DATE FILED: February 26, 1996

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FPSO-RECORDS/REPORTING

DIRECT TESTIMONY OF W. E. DARLING

1 |
2 | Q. Please state your name and business address.

3 | A. W. E. Darling, 3319 Maguire Boulevard, Suite 232, Orlando, Florida,
4 | 32803.

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

7 | A. I have a Bachelor of Science degree in Biology. I have worked over 20
8 | years in state and local environmental regulatory agencies.

9 | Q. By whom are you presently employed?

10 | A. I am employed by the Florida Department of Environmental Protection.
11 | (FDEP)

12 | Q. How long have you been employed with the FDEP and in what capacity?

13 | A. I have been employed by FDEP fifteen years in total, the past four and
14 | a half years in potable water.

15 | Q. What are your general responsibilities at the FDEP?

16 | A. I am supervisor of the potable water monitoring and reporting section,
17 | with responsibility for monitoring and reporting, enforcement and inspections
18 | of potable water systems.

19 | Q. Are you familiar with the Southern States Utilities, Inc. water systems
20 | located in the Central District?

21 | A. Yes.

22 | Q. Were these systems inspected by you, or by FDEP staff under your
23 | supervision?

24 | A. They were inspected by me.

25 | Sunshine Parkway Water System

1 | Q. Does the utility have a current construction permit from the FDEP for
2 | Sunshine Parkway Water System (Sunshine Parkway)?
3 | A. It does not, to my knowledge.
4 | Q. Are the utility's treatment facilities and distribution system
5 | sufficient to serve its present customers?
6 | A. Yes.
7 | Q. Does the utility maintain the required 20 psi minimum pressure
8 | throughout the distribution system?
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.
13 | Q. Are the utility's water wells for Sunshine Parkway located in compliance
14 | with Rule 62-555, Florida Administrative Code?
15 | A. Yes.
16 | Q. Does the utility have certified operators as required by Rule 61E12-41,
17 | Florida Administrative Code?
18 | A. Yes.
19 | Q. Has the utility established a cross-connection control program in
20 | accordance with Rule 62-555.360, Florida Administrative Code?
21 | A. Yes.
22 | Q. Is the overall maintenance of the treatment plant and distribution
23 | facilities satisfactory?
24 | A. Yes.
25 | Q. Does the water produced by the utility meet the State and Federal

1 | maximum contaminant levels for primary and secondary water quality standards?

2 | A. Yes.

3 | Q. Does the utility monitor the organic contaminants listed in Rule
4 | 62-550.410, Florida Administrative Code?

5 | A. Yes.

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

8 | A. No.

9 | Q. Does the utility maintain the required chlorine residual or its
10 | equivalent throughout the distribution system?

11 | A. Yes.

12 | Q. Are the plant and distribution systems in compliance with all the other
13 | provisions of Chapter 62, Florida Administrative Code, not previously
14 | mentioned?

15 | A. Yes.

16 | Q. Has Sunshine Parkway been the subject of any FDEP enforcement action
17 | within the past two years?

18 | A. No.

19 | Stone Mountain Water System

20 | Q. Does the utility have a current construction permit from the FDEP for
21 | Stone Mountain Water System (Stone Mountain)?

22 | A. It does not, to my knowledge.

23 | Q. Are the utility's treatment facilities and distribution system
24 | sufficient to serve its present customers?

25 | A. Yes.

1 | Q. Does the utility maintain the required 20 psi minimum pressure
2 | throughout the distribution system?
3 | A. Yes.
4 | Q. Does the utility have an adequate auxiliary power source in the event
5 | of a power outage?
6 | A. Yes.
7 | Q. Are the utility's water wells for Stone Mountain located in compliance
8 | with Rule 62-555, Florida Administrative Code?
9 | A. Yes.
10 | Q. Does the utility have certified operators as required by Rule 61E12-41,
11 | Florida Administrative Code?
12 | A. Yes.
13 | Q. Has the utility established a cross-connection control program in
14 | accordance with Rule 62-555.360, Florida Administrative Code?
15 | A. Yes.
16 | Q. Is the overall maintenance of the treatment plant and distribution
17 | facilities satisfactory?
18 | A. Yes.
19 | Q. Does the water produced by the utility meet the State and Federal
20 | maximum contaminant levels for primary and secondary water quality standards?
21 | A. Yes.
22 | Q. Does the utility monitor the organic contaminants listed in Section
23 | 62-550.410, Florida Administrative Code?
24 | A. Yes.
25 | Q. Do recent chemical analyses of raw and finished water, when compared to

1 | regulations, suggest the need for additional treatment?

2 | A. No.

3 | Q. Does the utility maintain the required chlorine residual or its
4 | equivalent throughout the distribution system?

5 | A. Yes.

6 | Q. Are the plant and distribution systems in compliance with all the other
7 | provisions of Chapter 62, Florida Administrative Code, not previously
8 | mentioned?

9 | A. Yes.

10 | Q. Has Stone Mountain been the subject of any FDEP enforcement action
11 | within the past two years?

12 | A. No.

13 | Palms Mobile Home Park Water System

14 | Q. Does the utility have a current construction permit from the FDEP for
15 | Palms Mobile Home Park Water System (Palms Mobile Home Park)?

16 | A. It does not, to my knowledge.

17 | Q. Are the utility's treatment facilities and distribution system
18 | sufficient to serve its present customers?

19 | A. Yes.

20 | Q. Does the utility maintain the required 20 psi minimum pressure
21 | throughout the distribution system?

22 | A. Yes.

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

25 | A. Yes.

- 1 | Q. Are the utility's water wells for Palms Mobile Home Park Water System
2 | located in compliance with Rule 62-555, Florida Administrative Code?
- 3 | A. Yes.
- 4 | Q. Does the utility have certified operators as required by Rule 61E12-41,
5 | Florida Administrative Code?
- 6 | A. Yes.
- 7 | Q. Has the utility established a cross-connection control program in
8 | accordance with Rule 62-555.360, Florida Administrative Code?
- 9 | A. Yes.
- 10 | Q. Is the overall maintenance of the treatment plant and distribution
11 | facilities satisfactory?
- 12 | A. Yes.
- 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 Rule
17 | 62-550.410, 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. Are the plant and distribution systems in compliance with all the other

1 | provisions of Chapter 62, Florida Administrative Code, not previously
2 | mentioned?

3 | A. Yes.

4 | Q. Has Palms Mobile Home Park been the subject of any FDEP enforcement
5 | action within the past two years?

6 | A. No.

7 | Palisades Country Club Water System

8 | Q. Does the utility have a current construction permit from the FDEP for
9 | Palisades Country Club Water System (Palisades Country Club)?

10 | A. It does not, to my knowledge.

11 | Q. Are the utility's treatment facilities and distribution system
12 | sufficient to serve its present customers?

13 | A. Yes.

14 | Q. Does the utility maintain the required 20 psi minimum pressure
15 | throughout the distribution system?

16 | A. Yes.

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

19 | A. Yes.

20 | Q. Are the utility's water wells for Palisades Country Club located in
21 | compliance with Rule 62-555, Florida Administrative Code?

22 | A. Yes.

23 | Q. Does the utility have certified operators as required by Rule 61E12-41,
24 | Florida Administrative Code?

25 | A. Yes.

1 | Q. Has the utility established a cross-connection control program in
2 | accordance with Rule 62-555.360, Florida Administrative Code?
3 | A. Yes.
4 | Q. Is the overall maintenance of the treatment plant and distribution
5 | facilities satisfactory?
6 | A. Yes.
7 | Q. Does the water produced by the utility meet the State and Federal
8 | maximum contaminant levels for primary and secondary water quality standards?
9 | A. Yes.
10 | Q. Does the utility monitor the organic contaminants listed in Rule
11 | 62-550.410, Florida Administrative Code?
12 | A. Yes.
13 | Q. Do recent chemical analyses of raw and finished water, when compared to
14 | regulations, suggest the need for additional treatment?
15 | A. No.
16 | Q. Does the utility maintain the required chlorine residual or its
17 | equivalent throughout the distribution system?
18 | A. Yes.
19 | Q. Are the plant and distribution systems in compliance with all the other
20 | provisions of Chapter 62, Florida Administrative Code, not previously
21 | mentioned?
22 | A. Yes.
23 | Q. Has Palisades Country Club been the subject of any FDEP enforcement
24 | action within the past two years?
25 | A. No.

Morningview Water System

- 1
- 2 Q. Does the utility have a current construction permit from the FDEP for
- 3 Morningview Water System (Morningview)?
- 4 A. It does not, to my knowledge.
- 5 Q. Are the utility's treatment facilities and distribution system
- 6 sufficient to serve its present customers?
- 7 A. Yes.
- 8 Q. Does the utility maintain the required 20 psi minimum pressure
- 9 throughout the distribution system?
- 10 A. Yes.
- 11 Q. Does the utility have an adequate auxiliary power source in the event
- 12 of a power outage?
- 13 A. Yes.
- 14 Q. Are the utility's water wells for Morningview located in compliance with
- 15 Rule 62-555, Florida Administrative Code?
- 16 A. Yes.
- 17 Q. Does the utility have certified operators as required by Rule 61E12-41,
- 18 Florida Administrative Code?
- 19 A. Yes.
- 20 Q. Has the utility established a cross-connection control program in
- 21 accordance with Rule 62-555.360, Florida Administrative Code?
- 22 A. Yes.
- 23 Q. Is the overall maintenance of the treatment plant and distribution
- 24 facilities satisfactory?
- 25 A. Yes.

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

3 A. Yes.

4 Q. Does the utility monitor the organic contaminants listed in Rule
5 62-550.410, Florida Administrative Code?

6 A. Yes.

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

9 A. No.

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

12 A. Yes.

13 Q. Are the plant and distribution systems in compliance with all the other
14 provisions of Chapter 62, Florida Administrative Code, not previously
15 mentioned?

16 A. Yes.

17 Q. Has Morningview been the subject of any FDEP enforcement action within
18 the past two years?

19 A. No.

20 Friendly Center Water System

21 Q. Does the utility have a current construction permit from the FDEP for
22 Friendly Center Water System (Friendly Center)?

23 A. It does not, to my knowledge.

24 Q. Are the utility's treatment facilities and distribution system
25 sufficient to serve its present customers?

1 | A. Yes.

2 | Q. Does the utility maintain the required 20 psi minimum pressure
3 | throughout the distribution system?

4 | A. Yes.

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

7 | A. Yes.

8 | Q. Are the utility's water wells for Friendly Center located in compliance
9 | with Rule 62-555, Florida Administrative Code?

10 | A. Yes.

11 | Q. Does the utility have certified operators as required by Rule 61E12-41,
12 | Florida Administrative Code?

13 | A. Yes.

14 | Q. Has the utility established a cross-connection control program in
15 | accordance with Rule 62-555.360, Florida Administrative Code?

16 | A. Yes.

17 | Q. Is the overall maintenance of the treatment plant and distribution
18 | facilities satisfactory?

19 | A. Yes.

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

22 | A. Yes.

23 | Q. Does the utility monitor the organic contaminants listed in Rule
24 | 62-550.410, Florida Administrative Code?

25 | A. Yes.

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

3 A. No.

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

6 A. Yes.

7 Q. Are the plant and distribution systems in compliance with all the other
8 provisions of Chapter 62, Florida Administrative Code, not previously
9 mentioned?

10 A. Yes.

11 Q. Has Friendly Center been the subject of any FDEP enforcement action
12 within the past two years?

13 A. No.

14 East Lake Harris Estates Water System

15 Q. Does the utility have a current construction permit from the FDEP for
16 East Lake Harris Estates Water System (East Lake Harris Estates)?

17 A. It does not, to my knowledge.

18 Q. Are the utility's treatment facilities and distribution system
19 sufficient to serve its present customers?

20 A. Yes.

21 Q. Does the utility maintain the required 20 psi minimum pressure
22 throughout the distribution system?

23 A. Yes.

24 Q. Does the utility have an adequate auxiliary power source in the event
25 of a power outage?

1 A. Yes.

2 Q. Are the utility's water wells for East Lake Harris Estates located in
3 compliance with Rule 62-555, Florida Administrative Code?

4 A. Yes.

5 Q. Does the utility have certified operators as required by Rule 61E12-41,
6 Florida Administrative Code?

7 A. Yes.

8 Q. Has the utility established a cross-connection control program in
9 accordance with Rule 62-555.360, Florida Administrative Code?

10 A. Yes.

11 Q. Is the overall maintenance of the treatment plant and distribution
12 facilities satisfactory?

13 A. Yes.

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

16 A. Yes.

17 Q. Does the utility monitor the organic contaminants listed in Rule
18 62-550.410, Florida Administrative Code?

19 A. Yes.

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

22 A. No.

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

25 A. Yes.

1 Q. Are the plant and distribution systems in compliance with all the other
2 provisions of Chapter 62, Florida Administrative Code, not previously
3 mentioned?

4 A. Yes.

5 Q. Has East Lake Harris Estates been the subject of any FDEP enforcement
6 action within the past two years?

7 A. No.

8 Venetian Village Water System

9 Q. Does the utility have a current construction permit from the FDEP for
10 Venetian Village Water System (Venetian Village)?

11 A. It does not, to my knowledge.

12 Q. Are the utility's treatment facilities and distribution system
13 sufficient to serve its present customers?

14 A. Yes.

15 Q. Does the utility maintain the required 20 psi minimum pressure
16 throughout the distribution system?

17 A. Yes.

18 Q. Does the utility have an adequate auxiliary power source in the event
19 of a power outage?

20 A. Yes.

21 Q. Are the utility's water wells for Venetian Village located in compliance
22 with Rule 62-555, Florida Administrative Code?

23 A. Yes.

24 Q. Does the utility have certified operators as required by Rule 61E12-41,
25 Florida Administrative Code?

1 A. Yes.

2 Q. Has the utility established a cross-connection control program in
3 accordance with Rule 62-555.360, Florida Administrative Code?

4 A. Yes.

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

7 A. Yes.

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

10 A. Yes.

11 Q. Does the utility monitor the organic contaminants listed in Rule
12 62-550.410, Florida Administrative Code?

13 A. Yes.

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

16 A. No.

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

19 A. Yes.

20 Q. Are the plant and distribution systems in compliance with all the other
21 provisions of Chapter 62, Florida Administrative Code, not previously
22 mentioned?

23 A. Yes.

24 Q. Has Venetian Village been the subject of any FDEP enforcement action
25 within the past two years?

1 | A. No.
2 | Q. Do you have anything further to add?
3 | A. No, I do not.
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