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DOCKET NO.: 950495-WS - [Southern States Utilities, Inc. - Lehigh Water System]

WITNESS: Direct Testimony of William D. Allen, P.E., Florida Department of Health and Rehabilitative Services, Appearing on Behalf of the Staff of the Florida Public Service Commission

DATE FILED: February 26, 1996

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FPSC-RECORDS/REPORTING

1 DIRECT TESTIMONY OF WILLIAM D. ALLEN, P.E.

2 Q. Please state your name and business address.

3 A. William D. Allen, P.E., Florida Department of Health and Rehabilitative
4 Services (FDHRS), Lee County Public Health Unit, 60 Danley Drive, Unit No. 1,
5 Fort Myers, Florida 33907.

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

8 A. I have a B.S. in Engineering. I am a registered professional engineer
9 in Florida, Pennsylvania, and West Virginia, and a registered professional
10 surveyor in Pennsylvania. I have worked 38 years in construction,
11 engineering, and environmental engineering management, the last 7 years
12 specifically in potable water projects.

13 Q. By whom are you presently employed?

14 A. I am employed by the Florida Department of Health and Rehabilitative
15 Services (FDHRS), Lee County Public Health Unit, Environmental Engineering.

16 Q. How long have you been employed with the FDHRS and in what capacity?

17 A. I have been employed by FDHRS 5 years as a professional engineer,
18 administrator, and director of environmental engineering.

19 Q. What are your general responsibilities at the FDHRS?

20 A. My responsibilities include project and permit application reviews,
21 issuance of permit approvals, compliance with Florida Department of
22 Environmental Protection (FDEP) rules, supervision of 18 persons consisting
23 of staff engineers, technicians, and clerks. Inspection of utilities for
24 compliance and enforcement of state regulations and consultations with public
25 and utility management.

1 Q. Are you familiar with the Southern States Utilities, Inc. water systems
2 located in the South District?

3 A. Yes, I am familiar with Lehigh Utilities.

4 Q. Was this system inspected by you, or by FDHRS staff under your
5 supervision?

6 A. Yes.

7 Lehigh Water System

8 Q. Does the utility have a current construction permit from the Department
9 of Environmental Protection (FDEP) for Lehigh Water System (Lehigh)?

10 A. Yes. The utility has permits DS 36-274079 (to add a 0.5 MGD ground
11 storage tank); DS 36-278591 (Leonard Boulevard Water Line); and DS 36-282849
12 (Greenbriar Transmission Line).

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

15 A. Yes.

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

18 A. Yes.

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

21 A. Yes.

22 Q. Are the utility's water wells for Lehigh located in compliance with Rule
23 62-555, Florida Administrative Code?

24 A. Yes.

25 Q. Does the utility have certified operators as required by Rule 61E12-41,

1 | Florida Administrative Code?

2 | A. Yes.

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

5 | A. Yes. SSU's cross-connection control program was received June 1, 1993.

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

8 | A. Yes.

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

11 | A. Yes.

12 | Q. Does the utility monitor the organic contaminants listed in Rule
13 | 62-550.410, Florida Administrative Code?

14 | A. Yes.

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

17 | A. No.

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

20 | A. Yes.

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

24 | A. Yes.

25 | Q. Has Lehigh been the subject of any FDEP enforcement action within the

1 | past two years?

2 | A. Yes. The utility installed a corrosion control system in 1994 for
3 | compliance with the lead and copper rule (Rule 62-551, Florida Administrative
4 | Code). In September, 1995, lead sampling results exceeded the allowable
5 | limits in more than 10% of random sampling. The utility must return to
6 | sampling every 6 months. In the October, 1995, re-sampling, lead results were
7 | within the allowable limits in more than 90% of random sampling.

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

9 | A. Yes. The SSU/Lehigh management has always been cooperative and has made
10 | every effort to comply with Federal, State and Local regulations.

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