

ORIGINAL

1 GULF POWER COMPANY

2 Before the Florida Public Service Commission
3 Supplemental Direct Testimony of

4 William F. Pope

5 Docket No. 990325-EI

6 Date of Filing: May 17, 1999

7 Q. Please state your name and business address.

8 A. My name is William F. Pope. My business address is

9 One Energy Place, Pensacola, Florida 32520.

10 Q. Have you previously filed direct testimony in this
11 docket?

12 A. Yes.

13 Q. What is the purpose of your supplemental direct
14 testimony?

15 A. The purpose of my testimony is to provide updated
16 information on Gulf's reserve margins following the
17 addition of Smith Unit 3. This update includes the
18 effect of the 34 MW increase in the unit's peak
19 output that Mr. Moore has described. This
20 information is presented Schedule 3 which is
21 attached to this testimony. This exhibit was
22 prepared under my supervision and direction.

DOCUMENT NUMBER-DATE

~~06211~~ MAY 17 99

FPSC-RECORDS/REPORTING

1 Counsel: We ask that Mr. Pope's
2 Schedule 3 be marked as
3 Exhibit ____ (WFP-2).
4

5 Q. What does this exhibit show?

6 A. It shows that the addition of the incremental
7 capacity would allow Gulf to have a summer reserve
8 margin of 19.1% in 2002, gradually decline to 12.4%
9 in 2006.

10

11 Q. Would you describe the transmission impacts of Smith
12 Unit 3 under both normal and contingency situations?

13 A. The addition of the 574 MW of Smith Unit 3 capacity
14 has no adverse impacts on the transmission system
15 under normal peak operating conditions throughout the
16 planning horizon. However, Gulf always plans its
17 system to handle the simultaneous loss of any unit
18 and transmission element (line or transformer).

19 Under the worst case contingency which includes the
20 addition of Smith Unit 3, it will be necessary to
21 increase the load carrying capacity of three
22 transmission lines in the Panama City, Florida area.

23 The lines requiring the upgrades include the Smith to

1 Greenwood, Smith to Highland City, and Highland City
2 to Callaway 115 KV lines.

3 The upgrades to these lines will consist of
4 changing the existing wire to a new wire that will
5 carry more power. This work will be conducted on
6 existing facilities and will not include the addition
7 of any new structures or line segments. None of this
8 work involved with these transmission line upgrades
9 will constitute the addition of "associated linear
10 facilities" for licensing purposes of Smith Unit 3.
11 Furthermore, the cost of these transmission line
12 upgrades was considered in the economic evaluation of
13 Smith Unit 3.

14
15 Q. Does this conclude your testimony?

16 A. Yes.

Florida Public Service Commission
Docket No. 990325-EI
GULF POWER COMPANY
Witness: William F. Pope
Exhibit No. _____ (WFP-2)
Schedule 3

**GULF'S FUTURE RESERVES BEGINNING
IN 2002 WITH THE ADDITION OF SMITH UNIT 3**

<u>YEAR</u>	<u>PEAK DEMAND (MW)</u>	<u>STARTING CAPACITY CAPACITY¹ (MW)</u>	<u>CAPACITY ADDITION (MW)</u>	<u>ENDING CAPACITY (MW)</u>	<u>PERCENT RESERVES</u>
2002	2,265	2,123	574	2,697	19.1%
2003	2,280	2,697	0	2,697	18.3%
2004	2,309	2,697	0	2,697	16.8%
2005	2,347	2,697	-19	2,678	14.1%
2006	2,383	2,678	0	2,678	12.4%
2007	2,425	2,674	148	2,822	16.4%
2008	2,466	2,818	0	2,818	14.3%

Footnotes: ¹ The beginning capacity figures have interruptible load embedded into them in the amounts of: 34 MW for 1999 - 2006, 30 MW for 2007, and 26 MW for 2008.

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 990325-EI

Before me the undersigned authority, personally appeared William F. Pope, who being first duly sworn, deposes, and says that he is the System Planning Coordinator of Gulf Power Company, a Maine corporation, that the foregoing is true and correct to the best of his knowledge, information, and belief. He is personally known to me.

William F. Pope

William F. Pope
System Planning Coordinator

Sworn to and subscribed before me this 14th day
of May, 1999.

Linda C. Webb

Notary Public, State of Florida at Large



LINDA C. WEBB
Notary Public-State of FL
Comm. Exp: May 31, 2002
Comm. No: CC 725969