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February 1, 2000

BY HAND DELIVERY

Ms. Blanca S. Bayo, Director Division of Records and Reporting Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850

Re:

Tampa Electric Company's Petition for Approval of its Plan to Bring its

Generating Units into Compliance with the Clean Air Act, Docket No. 992014-EI

ORIGINAR

Dear Ms. Bayo:

Enclosed please find revised pages 14 and 14A to the Testimony of Greg Ramon as well as Document 4 and a revised Index of Charles Black's Exhibit. The revised page 14 of Mr. Ramon's Testimony eliminates a redundant phrase and inserts several lines of text inadvertently omitted from Mr. Ramon's originally filed testimony. Document 4 of Mr. Black's Exhibit was inadvertently omitted from his exhibit. The Index to Mr. Black's Testimony adds a reference to Document 4.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning the same to this writer.

Thank you for your assistance in connection with this matter.

Sincerely

Lee L. Willis

LLW/bjd

-cc: All Parties of Record (w/encls.)

DECEIVED & FILEU

SC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE

14975 FEB-18

FPSC-RECORDS/REPORTING

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by

hand delivery (*) or U. S. Mail this 1st day of February, 2000 to the following:

Ms. Grace A. Jaye*
Legal Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Mr. Jack Shreve Mr. Roger Howe Office of Public Counsel 111 West Madison Street, Rm. 812 Tallahassee, FL 32399-1400

Joseph A. McGlothlin
Ms. Vicki Kaufman
McWhirter Reeves McGlothlin Davidson
Decker Kaufman Arnold & Steen, P.A.
117 South Gadsden Street
Tallahassee, FL 32301

Michael G. Briggs, Senior Counsel Reliant Energy Power Generation, Inc. Post Office Box 61867 Houston, Texas 77208-1867 Mr. John W. McWhirter, Jr.
McWhirter Reeves McGlothlin Davidson
Decker Kaufman Arnold & Steen, P.A.
400 North Tampa Street, Suite 2450
Tampa, FL 33601-3350

Ms. Gail Kamaras Ms. Debra Swim Legal Environmental Assistance Fdn. 1114 Thomasville Road, Suite E Tallahassee, FL 32303

ATTORNEY

No, but this case is not typical. The remote purchased power alternatives are replacing power generated from an existing large plant near the load center of Electric. The transmission infrastructure required for generation located at or near the ultimate load is minimal compared to the required infrastructure to replace it with remote generation possibly hundreds of miles away.

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In this case, from a transmission perspective, the use of remote generation is not practical or efficient. Replacing the GRP capacity with remote purchased capacity would have dual repercussions in that it would necessary, first, to upgrade the grid to interconnect new generation sources, and second to redesign the Tampa Electric grid and the state grid capacity to replace Gannon Station. Some people could be surprised by the second repercussion because they were only expecting the Another way to help understand the dual impact is to recognize that the GRP represents an incremental impact to the Tampa Electric and state transmission grid of only 300 MW, whereas the purchased capacity option represents an impact the size of the entire Station (1409 MW Summer, 1598 MW Winter).

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Are there other factors to consider with respect to local Q. and remote generation from a transmission perspective? Yes. It is impractical, inefficient and possibly infeasible to serve a major load center wholly with remote generation resources. While the power industry

14-A

TAMPA ELECTRIC COMPANY DOCKET NO. 992014-EI

WITNESS: CHARLES R. BLACK

EXHIBIT NO. (CRB-1)
REVISED: FEBRUARY 1, 2000

TAMPA ELECTRIC COMPANY

EXHIBIT OF CHARLES R. BLACK

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DOCUMENT NO.	TITLE	PAGE
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	Typical Combustion Turbine and Heat Recovery Steam Generator - General Arrangement	3
3	Summary Schedule of the Gannon Repowering Project	4
4	Gannon Repowering Project - Capital Cost Projections	5

GANNON REPOWERING PROJECT CAPITAL COST PROJECTIONS

TAMPA ELECTRIC COMPANY DOCKET NO. 992014-EI WITNESS: CHARLES R. BLACK EXHIBIT NO. (CRB-1) DOCUMENT NO. 4 REVISED: FEBRUARY 1, 2000

CURRENT ESTIMATE

ENGINEERING	26,808,840
CONSTRUCTION MGMT, STARTUP LABOR	5,750,580
POWER BLOCK	294,026,069
SCR CONTROL TECHNOLOGY	8,000,000
EQUIPMENT	28,991,855
PIPING, VALVES, INSTRUMENT & CONTROL	45,751,131
GENERAL CONSTRUCTION	124,611,181
OWNERS' COSTS	48,986,959
DEMOLITION	1,614,447
SWITCHYARD / T&D	15,091,000
SUBTOTAL W/O AFUDC	599,632,063
AFUDC	73,317,000
TOTAL W/AFUDC	672,949,063