

ORIGINAL

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Application of Cargill Fertilizer, Inc.
to engage in self-service wheeling of waste
heat cogenerated power to, from and
between points within Tampa Electric
Company's service area.

Docket No. 020898-EQ

Filed: September 3, 2003

DIRECT TESTIMONY

OF

OZZIE MORRIS

ON BEHALF OF

CARGILL FERTILIZER, INC.

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08211 SEP-3 03

FPSC-COMMISSION CLERK

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7 Q. Please state your name and address

8 A. My name is Ozzie Morris; my address is 8813 Highway 41 South, Riverview,
9 Florida 33569-4865.

10 Q. Who employs you and what is your position?

11 A. Cargill Crop Nutrition, a division of Cargill Incorporated, employs me. Cargill is
12 headquartered in Minneapolis, Minnesota, but has fairly extensive operations in
13 Florida. My position is Vice President, Environment, Health & Safety.

14 Q. What is your educational background and how long have you been employed at
15 Riverview?

16 A. I received a Bachelor of Science degree in chemistry from the University of
17 Florida and I have a Masters in Business Administration from the University of
18 South Florida. I have been employed at my present location for over 30 years. I
19 was working for Gardinier at the Riverview plant when Cargill bought the
20 Company in 1985. I am a Vice President and manage the Cargill Crop Nutrition
21 Business Unit's environmental, health and safety programs worldwide.

22 Q. What is the business of Cargill?

1 A. Cargill is an international marketer, processor and distributor of agricultural, food,
2 financial and industrial products and services. We provide distinctive customer
3 solutions in supply chain management, food applications and health and nutrition.
4 Cargill was founded in 1865 as a single grain elevator in Iowa. Now our
5 headquarters are just outside Minneapolis, Minnesota Cargill employs more than
6 90,000 people in 57 countries, all committed to a single, powerful idea: to be the
7 global leader in nourishing people.

8 We build the best business solutions for the world's food system by:

- 9 • Serving every major producing and consuming market.
- 10 • Being an excellent partner in our industries.
- 11 • Working with customers and suppliers to discover unrealized needs, find
12 new possibilities, create insightful solutions, and deliver reliable products
13 and services.
- 14 • Respecting our associates and the value of their diverse backgrounds,
15 skills and experiences.
- 16 • Enriching the communities and protecting the environment in which we
17 live and work.

18 Q. What part of this Cargill business solution program does cogeneration and self-
19 service wheeling play?

20 A. In Florida, as elsewhere, we have three principal goals:

- 21 a. Waste minimization;
- 22 b. Sustainability; and
- 23 c. Saving resources.

1 Cogeneration, which makes electricity from waste heat, accompanied by the
2 ability to move the electricity we make to provide back up protection for our other
3 cogeneration site satisfies each of these goals. Roger Fernandez, our Utilities
4 Superintendent, will explain how the cogeneration operation works, Jack Huston
5 the Superintendent of Sulfuric Acid Production, will address some of the ways
6 our operation attempts to enrich the community in which we live. I will explain
7 why we think that the cogeneration operation is friendly to the environment.

8 Q. How did your phosphate operation become involved in cogeneration?

9 A. The Riverview plant has been making crop nutrients since the beginning of the
10 twentieth century. The plant was making electricity before TECo provided any
11 electric service in the area. In the last eighteen years, Cargill has invested
12 significantly to increase its waste heat recovery and cogeneration capability.

13 Q. Why did you revert to self generation?

14 A. Cargill and its three principal goals for our plant were the driving forces. We are
15 in a highly competitive industry that must ship its product great distances. High
16 electric prices were not an insignificant part of our costs. Cargill provided the
17 capital investment to satisfy the goals:

18 a. The heat we were blowing off into the air and wasting was captured and
19 used to make steam for our processes and to turn an electric turbine;

20 b. The ability to control the cost of electricity made our product more
21 sustainable in the competitive market place; and

22 c. We were able not only to save our resources, but also natural resources. It
23 is no longer necessary to burn fossil fuels, like coal, gas and petroleum to

1 provide electricity for most of our plant needs. We do it with a waste
2 product

3 Q. I perceive you deem the self generation project to be successful?

4 A. Yes. It has been so successful that we added a second generator at Riverview
5 three years ago and Cargill acquired another troubled fertilizer plant in Bartow.
6 We now produce enough electricity at the two plants to meet the needs of the two
7 fertilizer plants and two mining operations in the vicinity of the Bartow operation.
8 Much of the time there is surplus energy available to supply utilities.

9 Q. How does self service wheeling meet Cargill's three goals you described above?

10 A. It helps us avoid waste by transferring the power between the plants when there is
11 a need. It makes our product more sustainable because as an interruptible stand
12 by customer we can't be confident in these times that the power will be available
13 if we lose a generator at one of the plants, and, of course, it is evident that it will
14 help save our resources.

15 Q. How does Cargill fulfill its promise to enrich the community in which you operate
16 and protect the environment?

17 A. Roger Fernandez and Jack Huston will be more specific, but as the environmental
18 Vice President of our company I believe that the conservation of fossil fuel that
19 we provide and the environmental improvement that comes from not burning it is
20 a major contribution.

21 Q. What is meant by the concept of Sustainability?

22 A. Cargill, or any company that has the ability to invest in technology to capture
23 waste heat from their operations and convert the energy into a usable resource, is

1 maximizing the concept of Sustainability. The worldwide concept of
2 Sustainability, or as it is sometimes called “the triple bottom line,” addresses
3 efforts that yield balanced economic, social and environmental project
4 performance. The concept of Sustainability is supported by the State of Florida
5 through the Counsel for Sustainable Florida, the United States Chamber of
6 Commerce, and the International Standards Organization

7 Q. How does power wheeling support Sustainability?

8 A. Providing incentives to capture energy opportunities within all industries is an
9 important aspect of Sustainability. Sustainability of resources is important to
10 Florida, the United States, and the world. As a matter of policy, we must provide
11 the incentives whenever possible to promote the capture and utilization of waste
12 heat.

13 The economic portion of Sustainability provides the capital to drive the
14 social and environmental bottom lines. Efforts to suppress the economic driver
15 works against the concept of Sustainability. One of the economic drivers for
16 Cargill is the ability to wheel the power generated between the Bartow and
17 Riverview cogeneration sites.

18 The social bottom line is the continued competitive operation of Cargill
19 facilities that provide jobs, taxes and products to feed a hungry world. The
20 environmental bottom line is resource utilization and waste minimization. By
21 maximizing the capture of waste, a truly green energy, we are reducing the need
22 for a finite fuel resource and reducing air emissions of sulfur and nitrogen oxides.

23 Q. Does this conclude your direct testimony?

1 A. Yes.

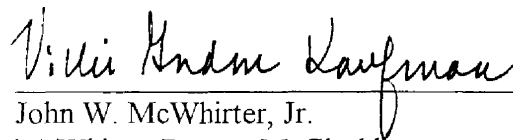
CERTIFICATE OF SERVICE

I HERBY CERTIFY that a true and correct copy of the foregoing Direct Testimony of Ozzie Morris on Behalf of Cargill Fertilizer, Inc has been furnished by (*) hand delivery or U.S Mail on this 3rd day of September, 2003 to the following:

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