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ORLANDO UTILITIES COMMISSION

500 SOUTH ORANGE AVENUE • P. O. BOX 3193 • ORLANDO, FLORIDA 32802 • 407/423-9100

Certified Mail No. Z-215-203-447
Return Receipt Requested

May 7, 1996

DEPARTMENT OF
ENVIRONMENTAL PROTECTION

MAY 10 1996

SITING COORDINATION

Hamilton S. Oven, Administrator
Siting Coordination Office
Florida Department of
Environmental Protection
2600 Blair Stone Road - MS48
Tallahassee, FL 32399-2400

RE: Stanton Energy Center Unit II
Initial Start-Up Clarification

Dear Mr. Oven:

Please consider this letter as a clarification to the correspondence of April 12, 1996 from Greg DeMuth notifying you of First Coal Fire for the Stanton Energy Center Unit II.

In accordance with our Conditions of Certification, the first coal fire and the first emissions from the scrubber are the same.

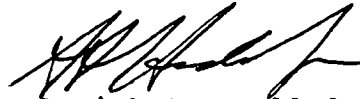
Therefore, please regard this letter as Notification under 40CFR 75.61 (a) (2) (ii) that the first commercial operation of Stanton Energy Center Unit II, as defined under 40CFR 72.2, occurred on March 29, 1996, when the unit was first synchronized to the line on oil. The first coal fire and the first emissions from the scrubber are the same and occurred on April 1, 1996.



Mr. Hamilton S. Oven
May 7, 1996
Page 2

If you have any questions regarding this matter, please call Greg DeMuth at 9407)423-9141 or Bob Hicks at (407)423-9133.

Very truly yours,



Frederick F. Haddad, Jr.
Designated Representative

GAD:rc

xc: G. M. Standridge
T. B. Tart
G. A. DeMuth
D. M. Spencer
R. F. Hicks
T. D. Slepow
W. J. House
C. L. Keesey - Young, van Assenderp, Varnadoe and Benton
Leonard Kozlov - FDEP, Central District
Dennis Nester - OCEPD



ORLANDO UTILITIES COMMISSION

500 SOUTH ORANGE AVENUE ▪ P. O. BOX 3193 ▪ ORLANDO, FLORIDA 32802 ▪ 407/423-9100
Certified Mail No. Z-215-203-422
Return Receipt Requested

April 12, 1996

DEPARTMENT OF
ENVIRONMENTAL PROTECTION

APR 17 1996

Mr. Hamilton S. Oven, Administrator
Siting Coordination Office
Florida Department of
Environmental Protection
2600 Blair Stone Road - MS48
Tallahassee, FL 32399-2400

Re: Stanton Energy Center Unit II Initial Start-Up

Dear Mr. Oven:

In accordance with 40CFR 60.7(a)(3), this letter is to serve as notification that first coal fire of Unit II at our Stanton Energy Center (SEC), occurred April 1, 1996.

This date is approximately two weeks earlier than previously scheduled in our letter of January 8, 1996.

If you have any questions regarding this matter, please call me at 407/423-9141 or Bob Hicks at 407/423-9133.

Very truly yours,

Gregory A. DeMuth, Director
Environmental Division

GAD:rc

xc: G. M. Standridge
F. F. Haddad
T. B. Tart
D. M. Spencer
R. F. Hicks
T. D. Slepow
W. J. House
C. L. Keesey - Youn, van Assenderp, Varnadoe and Benton
Leonard Kozlov - FDEP, Central District
Dennis Nester - OCEPD

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ORLANDO UTILITIES COMMISSION

500 SOUTH ORANGE AVENUE • P. O. BOX 3193 • ORLANDO, FLORIDA 32802 • 407/423-9100

Via Hand Delivery

January 12, 1996

Ms. Vivian Garfein
Central District Director
Florida Department of
Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, Florida 32803

DEPARTMENT OF
ENVIRONMENTAL PROTECTION

JAN 23 1996

SITING COORDINATION

Re: Orlando Utilities Commission Stanton Energy Center Unit I Heat Input

Dear Ms. Garfein:

As we discussed by telephone on January 9, 1996, Stanton Energy Center (SEC) plant personnel notified the Environmental Division that the heat input to the SEC-1 boiler was approximately 4200 MMBTU/hr. on January 8 from 4:30 A.M. to 7:30 A.M. and on January 9 from 5:00 A.M. to 12 Noon. Although both periods occurred during cold days, the excess steam produced was not used for generation, but was used to cure refractory inside the Unit 2 boiler. The boiler was undergoing final preparations prior to fire on oil. As soon as the plant operating personnel realized that the heat input was above 4136 MMBTU/hr., they immediately reduced the heat input to below 4136 MMBTU/hr.

The actual emissions during these periods were:

<u>Date</u>	<u>Time</u>	<u>SO₂</u>	<u>NO_x</u>	<u>Opacity</u>
1/8	0430-0730	< .25 lb/MMBTU	.45 lb/MMBTU	0.5%
1/9	0500-1200	< .25 lb/MMBTU	.45 lb/MMBTU	0.6%

The emission levels show that all pollution control devices were operating at normal efficiencies; therefore, there were no exceedences of the allowable lbs/hr. for any pollutant.



Ms. Vivian Garfein
January 12, 1996
Page 2

This high heat input was the result of an operation supporting the final construction of Unit 2 boiler.

If you have any questions or need additional information, please call me at 423-9141, or Bob Hicks at 423-9133.

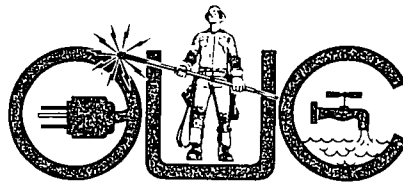
Very truly yours,



Gregory A. DeMuth, Director
Environmental Division

slk

xc: G. M. Standridge
F. F. Haddad
D. M. Spencer
R. F. Hicks
W. J. House
H. S. Oven (DEP/Tallahassee)



ORLANDO UTILITIES COMMISSION

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Certified Mail No. Z-215-203-290
Return Receipt Requested

RECEIVED

NOV 29 1995

BUREAU OF
AIR REGULATION

STARTED # (?)

November 15, 1995

DEPARTMENT OF
ENVIRONMENTAL PROTECTION

NOV 20 1995

SITING COORDINATION

Mr. Hamilton S. Oven, Administrator
Siting Coordination Office
Florida Department of
Environmental Protection
2600 Blair Stone Road, MS48
Tallahassee, FL 32399-2400

Dear Mr. Oven:

Attached please find the results of the 1995 annual stack tests for particulates, NO_x, SO₂, and visible emissions, as required by Condition of Certification I.C.5. of the Stanton Energy Center Certification PA 81-14.

The following table summarizes our results:

<u>Test</u>	<u>Average</u>	<u>Permitted</u>
Particulate (lbs/M2BTU)	0.004	0.03
Visible (% Opacity 60 Min. av.)	5.0	20.0
SO ₂ (lbs/M2BTU)	0.244	1.20**
NOx (lbs/M2BTU)	0.419	0.60**

** 30-Day rolling average.

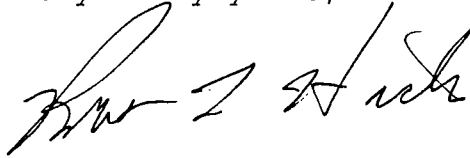
By copy of this correspondence, with document, I am also reporting to the DEP Central District and the Orange County Environmental Protection Department.



Mr. Hamilton S. Oven
November 15, 1995
Page 2

If you have any questions regarding this matter, please contact me
at 407/423-9133.

Very truly yours,

A handwritten signature in black ink, appearing to read "Robert F. Hicks". The signature is written in a cursive style with a large initial "R" and "H".

Robert F. Hicks
Sr. Environmental Engineer

RFH:rc
Attachment

xc: F. F. Haddad, Jr.
D. M. Spencer
G. A. DeMuth
W. J. House, w/attachment
Vivian Garfein - FDEP, w/attachment
(Cert. Mail No. Z-215-203-291)
Anna Hacaha-Long - OCEPD, w/attachment

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file*

ORLANDO UTILITIES COMMISSION

500 SOUTH ORANGE AVENUE • P. O. BOX 3193 • ORLANDO, FLORIDA 32802 • 407/423-9100

Certified Mail No. P-838-072-735
Return Receipt Requested

RECEIVED

January 21, 1994

JAN 27 1994

**D. E. R.
SITING COORDINATION**

Mr. H. S. Oven, Administrator
Siting Coordination Office
Florida Department of
Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Stanton Energy Center - Unit 2
AQC Equipment Status Report

Dear Mr. Oven:

The enclosure to this letter provides an update to the status report outlining progress to date on engineering design and purchase of major air pollution control equipment for Stanton Energy Center, Unit 2. This report covers progress through December 31, 1993. The submittal of this status report is required by the Supplemental Conditions of Certification, Part II, Item II/I.D.3.

The following equipment are considered as major pieces of air pollution control equipment:

- Steam Generator
- Post Combustion NO_x Reduction System (SCR)
- Flue Gas Particulate Removal Equipment
- Flue Gas Scrubber
- Chimney
- Fly Ash Handling System
- Dust Collection Equipment



Air Pollution Control Equipment
Status Report

This status report indicates the progress to date on engineering design and purchase of major air pollution control equipment for Stanton Energy Center, Unit 2. This report covers the period through December 1993. Data regarding engineering status and fabrication status is based on information supplied and drawings submitted by the equipment suppliers. The delivery status is based on contract requirements.

EQUIPMENT: Steam Generator

CONTRACTOR: Babcock & Wilcox

BID ISSUE: Completed July 5, 1990

CONTRACT AWARD: Completed February 19, 1990

CONTRACT CHANGES: Change Order 1 completed February 25, 1993
Change Order 2 completed November 19, 1993

ENGINEERING STATUS: Completed

FABRICATION STATUS: Started in December 1992, continuing through December 1994

DELIVERY STATUS: Due June 1994 through December 1994. Early delivery of the secondary air duct was completed in October 1993.

SIGNIFICANT COMMENTS: The equipment replicates the SEC-1 equipment, except for specific changes made for SEC-2 including low - NO_x burners and over-fire air ducts. These and other miscellaneous changes account for the engineering work currently being conducted.

The contract changes do not affect air pollution control aspects of the project.

EQUIPMENT: Post Combustion NO_x Reduction System (SCR)

CONTRACTOR: Noell, Inc.

BID ISSUE: Completed May 20, 1992

CONTRACT AWARD: Completed August 11, 1992

CONTRACT CHANGES: None

ENGINEERING STATUS: 95 percent complete and on schedule.

FABRICATION STATUS: Started in October 1993, continuing through November 1994

DELIVERY STATUS: Due April 1994 through June 1995

SIGNIFICANT COMMENTS: Technical sections of the contract documents were issued for agency information on March 8, 1993 in compliance with Condition of Certification II/I.A.16.

EQUIPMENT: Flue Gas Particulate Removal Equipment

(Electrostatic Precipitator)

CONTRACTOR: Wheelabrator-Frye, Air Pollution Control Division

BID ISSUE: Completed August 24, 1990

CONTRACT AWARD: Completed April 16, 1991

CONTRACT CHANGES: None

ENGINEERING STATUS: 98 Percent Complete and On Schedule

FABRICATION STATUS: Due January 1994 through January 1995

DELIVERY STATUS: Due April 1994 through June 1995

SIGNIFICANT COMMENTS: The equipment replicates the SEC-1 equipment with insignificant change in design.

EQUIPMENT: Flue Gas Scrubber

CONTRACTOR: ABB Environmental Systems

BID ISSUE: Completed October 8, 1990

CONTRACT AWARD: Completed April 16, 1991

CONTRACT CHANGES: Change Order 1 completed January 28, 1993

Change Order 2 completed October 8, 1993

ENGINEERING STATUS: 99 Percent Complete and On Schedule

FABRICATION STATUS: Started in November 1993, continuing through
December 1994

DELIVERY STATUS: Due March 1994 through June 1995

SIGNIFICANT COMMENTS: The equipment replicates the SEC-1
equipment except for modifications to achieve higher removal
efficiency.

The contract changes do not affect air pollution control aspects
of the project.

EQUIPMENT: Chimney

CONTRACTOR: Pullman Power Products

BID ISSUE: Completed August 10, 1990

CONTRACT AWARD: Completed March 12, 1991

CONTRACT CHANGES: Change Order 1 completed October 8, 1993

Change Order 2 completed March 17, 1993

Change Order 3 completed October 28, 1993

ENGINEERING STATUS: Completed

ERECTION STATUS: Due April 1994 through December 1995, with early
mobilization expected.

SIGNIFICANT COMMENTS: The equipment replicates the SEC-1 design.
The contract changes do not affect air pollution control aspects
of the project.

EQUIPMENT: Fly Ash Handling System

CONTRACTOR: United Conveyor Corporation

BID ISSUE: Completed September 28, 1990

CONTRACT AWARD: Completed March 12, 1991

CONTRACT CHANGES: Change Order 1 completed February 26, 1993
Change Order 2 to Owner December 1, 1993

ENGINEERING STATUS: 100 Percent Complete and On Schedule

FABRICATION STATUS: Started in June 1993, continuing through
May 1994

DELIVERY STATUS: Due June 1994 through August 1994

SIGNIFICANT COMMENTS: None

The contract changes do not affect the air pollution control
aspects of the project.

EQUIPMENT: Dust Collectors (Bulk Materials Handling)

CONTRACTOR: Roberts & Schaefer Company

BID ISSUE: Completed December 10, 1991

CONTRACT AWARD: Completed April 8, 1992

CONTRACT CHANGES: Change Order 1 completed May 25, 1993
Change Order 2 completed June 24, 1993

ENGINEERING STATUS: Completed

FABRICATION STATUS: Started in November 1993, continuing through
August 1994

DELIVERY STATUS: Due September 1994

SIGNIFICANT COMMENTS: Contract change is not related to the dust
collector scope of supply.