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JUL 26 1999

BUREAU OF AIR REGULATION

UTILITIES ENGINEERING
14 SOUTH FORT HARRISON AVENUE
CLEARWATER, FLORIDA 33756
PHONE: (727) 464-3588
FAX: (727) 464-3595

July 20, 1999

Mr. Hamilton Oven, Jr., P.E.
Power Plant Siting Section
State of Florida
Department of Environmental Protection
Division of Environmental Permitting
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399

**RE: Reporting of Start-Up of Pinellas County Resource Recovery Facility - Unit No. 2
Modification of Power Plant Site Certification (OGC No. 95-1442, July 25, 1996)**

Dear Mr. Oven:

In accordance with 40 CFR 60.7(a)(3), this is to provide formal notification that the actual date for initial startup of the retrofitted Unit No. 2 at the Pinellas County Resource Recovery Facility (PCRRF) occurred July 17, 1999.

The FDEP will be notified not less than 30 days prior to the commencement of continuous emissions monitoring system (CEMS) performance tests and initial compliance tests of Unit No. 2, in accordance with 40 CFR 60.7(a)(5) and 60.8(d).

Sincerely,
PINELLAS COUNTY UTILITIES ENGINEERING

R. Peter Stasis, P.E.
Director of Utilities Engineering

cc: Distribution



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AIR REGULATION

PCRRF AIR POLLUTION CONTROL RETROFIT PROJECT

3095 - 114TH AVENUE NORTH
ST. PETERSBURG, FL 33716
PHONE: (727) 464-7565
FAX: (727) 464-7713

April 15, 1999

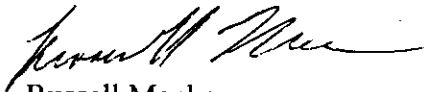
Winston Smith
Director, Division of Air, Pesticides and Toxics Management
United States Environmental Protection Agency
61 Forsyth Street SW
Atlanta, Georgia 30303

RE: Pinellas County Resource Recovery Facility

Dear Mr. Smith:

Enclosed for your information is a Quarterly Report on project progress. Should you desire any additional information, please contact me at your convenience.

Sincerely,



Russell Menke
Project Administrator

Enclosure

CC:

Brian Beals, USEPA
Scott Davis, USEPA
Fred Porter, USEPA
Walt Stevenson, USEPA
Clair Fancy, FDEP
Andrew Nguyen, FDEP
Bill Thomas, FDEP
Pick Talley, Utilities Admin.
Chris Staubus, Utilities Admin.
Mike Rudd, Solid Waste Operations

Warren Smith, Solid Waste Operations
Pete Stasis, Utilities Engineering
Julie Yard, Senior Assistant County Attorney
David Dee, Landers & Parsons
Ron Larson, HDR Engineering
Stu Broom, Verner, Liipfert et al
Luke Koon, Wheelabrator Pinellas Inc.
Pete Bender, Stone & Webster

**Pinellas County Resource Recovery Facility
Air Pollution Control Retrofit Project**

**Quarterly Report on Project Progress for the First Quarter, 1999
Submitted April 15, 1999**

Overview

This Quarterly Report for the retrofit of the Pinellas County Resource Recovery Facility covers the County's activities during the first calendar quarter of 1999 on the retrofit project. In general, the County's overall progress with the retrofit activities have been in accordance with the schedule. Detailed descriptions of the efforts completed, underway and scheduled for the next quarter are presented in the following paragraphs.

Actions Taken During Reporting Period

Water Washing of Boilers - Historically, water washing of boilers had been done on approximately a ten week schedule. Since August of 1995, these washes have been done on approximately an eight week schedule.

Stack Testing of Dioxin Emissions - Dioxin testing has been performed on an annual basis for the past few years in conjunction with annual compliance tests. In addition, dioxin testing is being performed as part of the acceptance testing for each of the retrofitted units. Acceptance testing for the newly-retrofitted Unit #3, which resumed operation on September 24, 1998 was completed on December 4, 1998 and the final test results were submitted on January 29, 1999. As part of its annual compliance test, dioxin testing was performed on Unit #1 during the last week of March, 1999. Results of this testing will be submitted when available.

Design of the Retrofit - Design work on the retrofit had previously been substantially completed. During the reporting period, design activities were limited to completion of "punch list" items, and design modifications to accommodate field conditions and interferences.

Procurement of Equipment and Construction Contracts - During the reporting period, no new purchase orders were issued, and only minor adjustments were made to existing purchase orders. Only two substantial additional purchase orders are currently planned during the remainder of the retrofit: Roadways and Site Preparation. Purchase order commitments for balance of plant materials, equipment and services total approximately \$22.4 million.

On-Site Construction of the Retrofit - During the reporting period, the following construction activities were completed:

Foundations:

ID fan foundation
Fabric filter floor slab
Fabric filter trench drains

Structural/Mechanical Erection

Ground fabrication of SDA
Installation and welding of SDA vessel and penthouse
Installation of Fabric filter support steel and modules
Setting and welding of Fabric filter inlet plenum
Setting of Fabric filter outlet plenum
Completion of inlet ductwork, except tie-in

Piping Installation

Installation of instrument air, plant air and service water lines on pipe rack

Ram Ash Expellers and Riddlings Conveyors

Installation of new ram ash expellers and riddlings conveyors for Unit #1

Electrical and Controls

Electrical work for Unit #1 Ram Ash Expeller and riddling conveyors

Insulation and Lagging

Insulation of SDA vessel and cone

Painting

Miscellaneous steel on ground and in lay down area, and SDA internal hopper lining

Startup and Compliance Testing - The retrofitted Unit #3 was restarted on September 24, and compliance testing was completed in the field on December 4. The final test results were submitted on January 29. Final acceptance of Unit #3 occurred on March 18, 1999.

Actions Scheduled During the Reporting Period, But Not Completed

During the reporting period, all major activities that had been scheduled to be completed have been completed.

Actions Scheduled During the Next Reporting Period

During the next reporting period, efforts will be concentrated on completion of Phase 1 punch list items, completion of mechanical erection of the new APC equipment for Unit #2, completion of electrical and control work for Unit #2, insulation and lagging, and initiation of the tie-in of the new APC equipment to Unit #2. Monthly meetings are being held to monitor progress and resolve design issues. Weekly on-site construction meetings are being held with contractors to monitor and coordinate activities.

The following activities are expected to be completed during the next reporting period:

Structural/Mechanical Erection

SDA
Fabric filter
ID fan
Ductwork

Piping

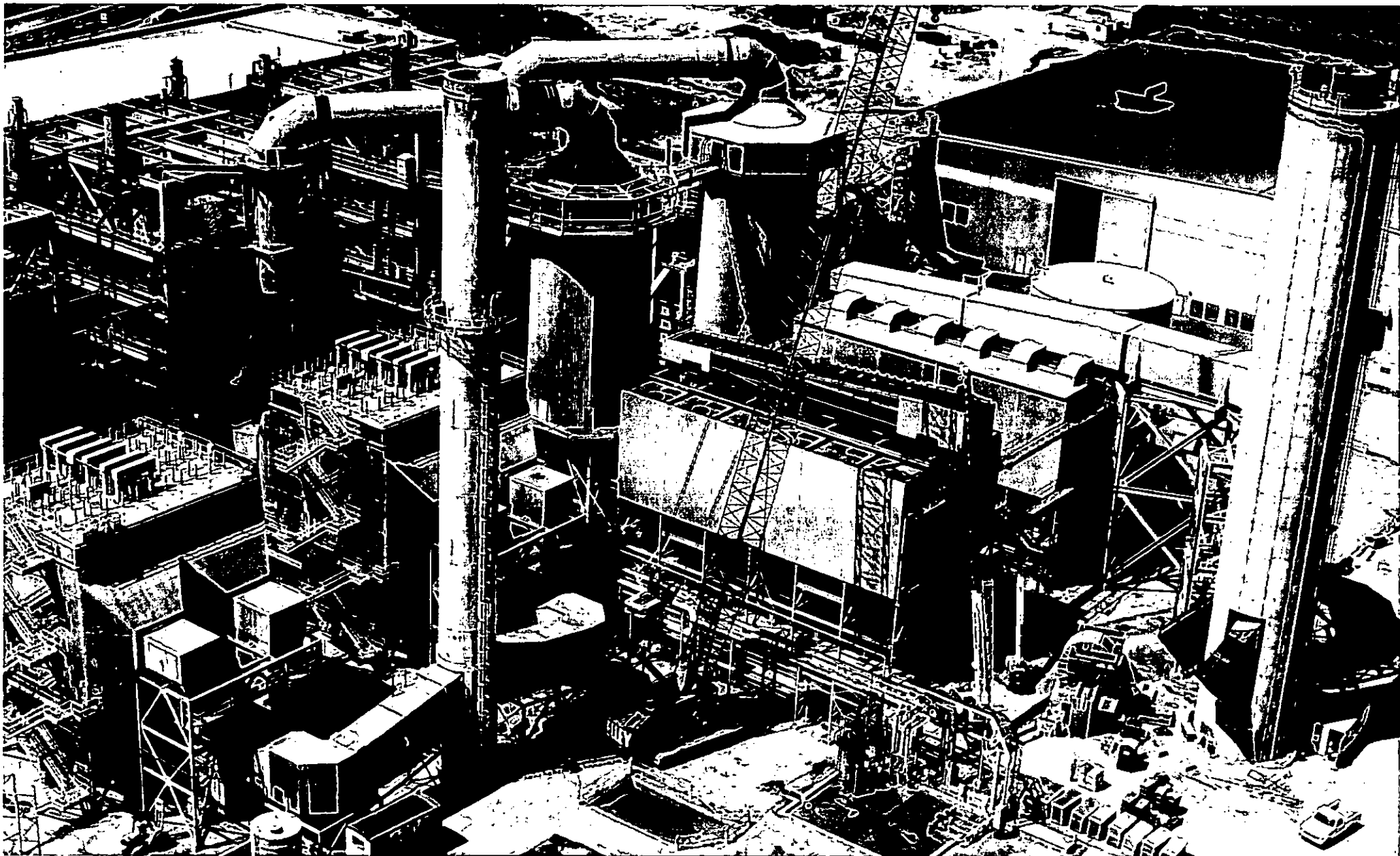
All Unit #2 piping

Electrical and Controls

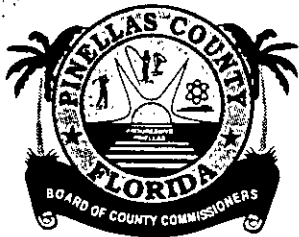
All Unit #2 electrical and controls

The following activities will be ongoing during the next reporting period:

Insulation and lagging
Painting
Tie-in of Unit #2



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June 1, 1999

Mr. Hamilton Oven, Jr., P.E.
Power Plant Siting Section
State of Florida
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Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399

**RE: Reporting of Start-Up of Pinellas County Resource Recovery Facility - Unit No. 2
Modification of Power Plant Site Certification (OGC No. 95-1442, July 25, 1996)**

Dear Mr. Oven:

In accordance with Section XIII.C.2 of Exhibit B to the Modification of Power Plant Site Certification approved on July 25, 1996 (OGC No. 95-1442), and as required by 40 CFR 60.7(a)(2), this is to provide formal notification that the anticipated date for initial startup of the retrofitted Unit No. 2 at the Pinellas County Resource Recovery Facility will be July 28, 1999.

Pursuant to the actual date of initial startup being confirmed, the FDEP will be notified within 15 days, in accordance with 40 CFR 60.7(a)(3).

Sincerely,

R. Peter Stasis, P.E.
Director of Utilities Engineering

cc: Distribution



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