

**Sheplak, Scott**

**From:** Brown, Louis [LBrown@ouc.com]  
**Sent:** Tuesday, May 16, 2006 3:00 PM  
**To:** Sheplak, Scott  
**Cc:** sosbourn@golder.com  
**Subject:** RE: Unit I Burner Replacement Project - 0950137-009-AC

Scott,

I am forwarding the raw CEM data, which shows Stanton's Unit 1 SO<sub>2</sub>, NO<sub>x</sub> and opacity emissions for the period 3/20/06 through 5/20/06. It is in the attached Excel spreadsheet.

Unit 1's permit limits are as follows:

SO<sub>2</sub> - 1.2 lb/MMBtu (30 day rolling average), or 1.2 lb/MMBtu/hr (2 hour emission rate)

Opacity - Shall not exceed 20% opacity (6-minute average), except for one 6-minute period per hour not to exceed 27% opacity

NO<sub>x</sub> - NO<sub>x</sub> emissions shall not exceed 0.60 lb/MMBtu heat input (30-day rolling average), nor 0.46 lb/MMBtu heat input on an annual average.

A comparison of the CEM data to the permit limits indicates that the unit is in compliance with the specific emission limits in Permit No. 0950137-006-AV.

We are in the process of compiling this data into a more formal report to the Department. I did, however want to submit the raw data for your initial review, prior to the May 20, 2006 deadline.

Please let me know if you have any immediate questions and comments, and our thanks for your assistance to date.

Louis

-----Original Message-----

**From:** Sheplak, Scott [mailto:Scott.Sheplak@dep.state.fl.us]  
**Sent:** Monday, April 10, 2006 9:52 AM  
**To:** Osbourn, Scott  
**Cc:** Brown, Louis  
**Subject:** RE: Unit I Burner Replacement Project - 0950137-009-AC

The key is to compare the before and after data based on the averging times of the standards. SO<sub>2</sub> and NO<sub>x</sub> have a 30 day rolling average. So a minumum period of 30 days is required.

-----Original Message-----

**From:** Osbourn, Scott [mailto:Scott\_Osbourn@golder.com]  
**Sent:** Monday, April 03, 2006 12:20 PM  
**To:** Sheplak, Scott  
**Cc:** Brown, Louis  
**Subject:** RE: Unit I Burner Replacement Project - 0950137-009-AC

Thanks for the response Scott. I understand that the study period commences the day the unit went back online. Our question is, what is the end of the study period? The permit condition says to submit the study report within 60 days of the unit coming back online. We'd like to suggest that the study period be 30 days. That would then give us another 30 days to compile the data into a report to meet the 60 day requirement.

*Scott Osbourn, P.E.*

5/17/2006

Golder Associates Inc  
5100 West Lemon St., Suite 114  
Tampa, FL 33609  
Tel: (813) 287-1717  
Fax: (813) 287-1716  
E-mail: [sosbourn@golder.com](mailto:sosbourn@golder.com)

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**From:** Sheplak, Scott [mailto:Scott.Sheplak@dep.state.fl.us]  
**Sent:** Friday, March 31, 2006 2:30 PM  
**To:** Osbourn, Scott  
**Cc:** Linero, Alvaro  
**Subject:** FW: Unit I Burner Replacement Project - 0950137-009-AC

Scott,

The period in which emissions are to be evaluated is from the date the unit went back online (March 20, 2006). This is the date the project was completed and the unit began operation with the new burners.

Scott

-----Original Message-----

**From:** Linero, Alvaro  
**Sent:** Monday, March 27, 2006 3:54 PM  
**To:** Sheplak, Scott  
**Subject:** RV: Unit I Burner Replacement Project - 0950137-009-AC

Scott:

Please get back with S. Osbourn

-----Mensaje original-----

**De:** Osbourn, Scott [mailto:Scott\_Osbourn@golder.com]  
**Enviado el:** lun 27/03/2006 15:21  
**Para:** Brown, Louis; Linero, Alvaro  
**CC:**  
**Asunto:** RE: Unit I Burner Replacement Project - 0950137-009-AC

In addition to Louis' notification below, we were wondering about the requirement in Condition 5 of the construction permit. Specifically, it mentions a report to be submitted within 60 days of completion of this "project". Our question is, what is the study period? Should we assume a 30 day period, from the date back online (3/20) to 4/20/06? That way we'd have 30 days to put the report together and be able to meet the 60 day requirement. Please confirm that this is your understanding.

Scott Osbourn, P.E.  
Golder Associates Inc  
5100 West Lemon St., Suite 114  
Tampa, FL 33609  
Tel: (813) 287-1717  
Fax: (813) 287-1716  
E-mail: [sosbourn@golder.com](mailto:sosbourn@golder.com)

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-----Original Message-----

From: Brown, Louis [mailto:[LBrown@ouc.com](mailto:LBrown@ouc.com)]  
Sent: Monday, March 27, 2006 3:13 PM  
To: [Alvaro.Linero@dep.state.fl.us](mailto:Alvaro.Linero@dep.state.fl.us)  
Cc: Osbourn, Scott  
Subject: Unit I Burner Replacement Project - 0950137-009-AC

Mr. Linero,

Please consider this as notification that the subject project has been concluded.

Unit 1 went back on line on March 20, 2006.

The general schedule for bring the unit back on line is attached below.

Please let me know if any additional information is needed.

Thank you.

Louis Brown

<<Spring 2006 Unit 1 Turnover schedule.xls>>