



Florida Gas Transmission Company

January 31, 2003

Capital Projects Field Office, 111 Kelsey Lane, Ste. A., Tampa, FL 33619
813.655.7441 / 800.381.1477

Mr. Jeff Koerner, P.E.
New Source Review Section
Bureau of Air Regulation
Florida Department of Environmental Protection
Twin Towers Office Bldg.
2600 Blairstone
Tallahassee, FL 32399-2400

RECEIVED

FEB 03 2003

BUREAU OF AIR REGULATION

Reference: Email Request for Additional Information, 31 January 2003
Project No. 1230034-009-AC
Compressor Station No. 15 (Taylor County), Phase V Modification

Dear Mr. Koerner:

Subject: Response to Request for Additional Information

This is being sent in response to your email request for information concerning the above referenced permit and a request from Florida Gas Transmission Company (FGT) to extend the expiration date.

FGT has not performed the initial performance test on Unit 1508 since it cannot be run at low loads. This is due to the removal of the 14th Stage Bleed Valve. Rolls Royce has removed these from all of the 501 KC-7 turbines for safety reasons. The bleed valve on Unit 1607 had a catastrophic failure and sprayed oil over the entire engine building interior. The FDEP District Offices have been informed of this problem.

FGT has been working with Rolls Royce to fix the problem. The Project Team expects the valve to be repaired by the end of March. FGT will test the turbine as soon as possible after it is fixed.

Work for the actual Phase VI upgrade for Unit 1507 will not start before March. The work on the unit should take little time.

If you have any questions or need additional information, please call me at (800) 381-1477 or Dr. Duane Pierce at (281) 373-5365.

Sincerely,

Jim Thompson
Project Manager, Environmental

CC: Jake Krautsch, FGT
V. Duane Pierce, Ph.D., AQMcs, LLC

Adams, Patty

From: Koerner, Jeff
Sent: Friday, January 31, 2003 8:41 AM
To: Jim Thompson (E-mail)
Cc: Jacob Krautsch (E-mail); V. Duane Pierce (E-mail)
Subject: Station 15 - Request for Extension of Permit No. 1230034-009-AC (Engine 1508)

Jim,

I received your request for an extension of Permit No. 1230034-007-AC. My records show that Permit No. 1230034-009-AC is the current valid air construction permit for this unit based on the following history:

- Original AC Permit: Permit No. 1230034-007-AC was issued in October of 2002 for Engines 1507 and 1508.
- First Extension: The expiration date of Permit No. 1230034-007-AC was extended from October 1, 2002 to April 1, 2003.
- Modification: Permit No. 1230034-009-AC was issued in July of 2002 and supersedes Permit No. 1230034-007-AC. (Nevertheless, it has the same expiration date of April 1, 2003.)
- Permit No. 1230034-011-AC was issued in January of 2003 and is now the current valid air construction permit for Engine 1507 (and revises the PM standard for Engine 1506).

It's my understanding that Engine 1508 is up and running at full load and that initial emissions performance tests have been conducted. Please provide the following:

- Summary of each CO and NOx test that has been performed on Engine 1508.
- Scope of work yet to be performed on Engine 1508.
- Estimated schedule to perform remaining work.

Thanks!

Jeff Koerner
New Source Review Section
850/921-9536



Florida Gas Transmission Company

Capital Projects Field Office, 111 Kelsey Lane, Ste. A., Tampa, FL 33619
813.655.7441 / 800.381.1477

January 27, 2003

Mr. Jeff Koerner, P.E.
New Source Review Section
Bureau of Air Regulation
Florida Department of Environmental Protection
Twin Towers Office Bldg.
2600 Blairstone Road
Tallahassee, FL 32399-2400

RECEIVED

JAN 30 2003

BUREAU OF AIR REGULATION

Reference: Permit No. 1230034-007-AC
Compressor Station No. 15, Taylor County

Dear Mr. Koerner:

Subject: Extension of Construction Permit Expiration

The above referenced construction permits has an expiration date of April 1, 2003. Due to problems with the Rolls Royce Model 501 KC-7 (Engine 1508), it will not be possible for Florida Gas Transmission Company (FGT) to complete the modifications to this facility, perform the required initial emissions compliance test and apply for a Title V operating permit at least 120 days before the expiration date.

The problems are associated with the 14th Stage Bleed Valve. These have been removed from all FGT Rolls Royce Model 501 KC-7 engines due to a safety issue. This valve is required for the turbine to be able to operate properly at lower loads. The units are currently being operated at full load only. FGT is currently working with Rolls Royce to resolve this problem as quickly as possible.

FGT requests a 180-day extension to the referenced construction permit in order to complete construction, perform the required initial emissions performance test and to submit an application for the Title V operating permits.

If you have any questions or need additional information, please call me at (800) 381-1477 or Dr. Duane Pierce at (281) 373-5365.

Sincerely,

Jim Thompson
Project Manager, Environmental

CC: Jake Krautsch
Duane Pierce