STATEMENT OF BASIS

Title V Air Operation Permit Renewal
Permit No. : 0110002-008-AV

Applicant: The applicant for this project is Memorial Regional Hospital. The applicant's responsible official and mailing address are: Mr Scott Singer, 3501 Johnson Street, Hollywood, Florida, 33021.

Facility Description: The source, Memorial Regional Hospital, is located at 3501 Johnson Street, Hollywood, Florida, 33021. The emission units are:

- *A Hospital/Medical/Infectious Waste Incinerator (HMIW),* The emission unit consists of a Cleaver Brooks Model 1900/95 Pyrolitic HMIWI with a 300 HP Syncrofire boiler for energy recovery with a maximum capacity of 1,800 pounds/hour. The emission control system includes an Envirologic packed column gas scrubber followed by a Beltran model BTP 5X5 wet electrostatic.
- *Two Steam Boilers.* Cleaver Brooks Model CB200-300 (10 MMBTU/hr).
- *Emergency Generator Diesel Engines*. Four Caterpillar Model 3516C EPA Tier II Emissions Certified Diesel Electric power generator sets rated 2000kW Standby @ 4160/2400 VAC, 1800 RPM, 3Phase, 60 Hz., 0.8 P.F. There is also one diesel fire pump Cummins 208 BHP Engine.

There are also miscellaneous insignificant activities on site.

Project Description: The purpose of this permitting project is to renew the existing Title V permit for the above referenced facility.

Processing Schedule and Related Documents

Application for a Title V Air Operation Permit Renewal received on April 29, 2011.
Notice of Intent to Issue Air Permit was issued on August 23, 2011.
Public Notice was published on October 13, 2011.

Primary Regulatory Requirements

Title III: The facility is a synthetic minor source of hazardous air pollutants (HAP).
Title V: The facility is a Title V major source of air pollution by EPA designation.
PSD: The facility is not a Prevention of Significant Deterioration (PSD)-major source of air pollution in accordance with Rule 62-212.400, F.A.C.
NSPS: The facility does operate units subject to the New Source Performance Standards (NSPS) of 40 Code of Federal Regulations (CFR) 60.
NESHAP: The facility does operate units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 63.
CAIR: The facility is not subject to the Clean Air Interstate Rule (CAIR) set forth in Rule 62-296.470, F.A.C.
CAM: Compliance Assurance Monitoring (CAM) does not apply to any of the units at the facility.

Project Review

The following are permit changes since the last permit renewal:

- *Diesel Engines.* Addition of a regulated emissions unit for diesel engines to operate electrical generators and a fire pump.
- *Regulation update*. Rule 62-204.800(9) (g), F.A.C is now applicable to the HMIWI. Rule 62-204.800(9) (g), F.A.C adopts 40 CFR 60, Subpart Ce (Emission Guidelines and Compliance Times for HMIWI) was revised as of July 1, 2009 and amended October 6, 2009. Unless the source intends to comply with an approved alternate schedule, the compliance date is June 1, 2012. HMIWI and pollution control equipment inspection previously required for only small HMIWI is now applicable to the source large HMIWI.

Conclusion

This project renews Title V air operation permit No. 0110002-006-AV, which was issued on 12/12/2006. This Title V air operation permit renewal is issued under the provisions of Chapter 403, Florida Statues (F.S.), and Chapters 62-4, 62-210 and 62-213, F.A.C.