FINAL DETERMINATION

PERMITTEE

GenOn Florida, LP.
5200 Holopaw Road
Saint Cloud, Florida 34773

PERMITTING AUTHORITY

Florida Department of Environmental Protection (Department)
Division of Air Resource Management
Office of Permitting and Compliance
2600 Blair Stone Road, MS #5505
Tallahassee, Florida 32399-2400

PROJECT

Final Permit No. 0970071-012-AV
Title V Air Operation Permit Renewal
Osceola Power Plant

The purpose of this project is to renew the Title V air operation permit for the above referenced facility.

NOTICE AND PUBLICATION

On July 3, 2012, the Department distributed an Intent to Issue Air Permit package that included a draft/proposed permit for EPA review. The applicant published the Public Notice of Intent to Issue Air Permit in the Orlando Sentinel on July 18, 2012. The Department received the proof of publication on July 23, 2012.

COMMENTS

No comments on the proposed permit were received from the EPA Region 4 Office or the public.

On August 17, 2012, the Department received comments on the draft/proposed permit renewal from the applicant during the 30-day comment period. The comments will result in clarifications and corrections that are not considered significant enough to reissue the draft/proposed Title V air operation permit and require another Public Notice; therefore, the final Title V air operation permit includes the following amendments. Additions to the permit are indicated below by double underline. Deletions from the permit are indicated below by ~~strikethrough~~.

1. **Facility Name:** The facility name in the cover page and footer changed from Osceola ~~Generation Station~~ to Osceola Power Plant for consistency with previous permits.

2. **Section III. Subsection A. Specific Condition A.9.**

   A.9. Volatile Organic Compounds (VOC) Emissions. As determined by initial stack tests, the maximum emission limit for VOC at ISO conditions from each combustion turbine shall not exceed:

   a. While firing natural gas: 1.5 ppmvd and 3.0 lb/hour

   b. While firing fuel oil: 3.7 ppmvd and 8.0 lb/hour

   The initial stack test has been completed. [0970071-001-AC (PSD-FL-273)]

3. **Section III. Subsection A. Specific Condition A.18.**

   A.18. Continuous compliance with the NO_X emission limits. Continuous compliance with the NO_X emission limits shall be demonstrated with the CEM system based on the applicable averaging time of 24-hr block average (gas) and 3-hour block averaging time (oil). Based on CEMS data, a separate compliance determination is conducted at the end of each operating day and a new average emission rate is calculated from the arithmetic average of all valid hourly emission rates from the previous operating day. A valid hourly emission rate shall be calculated for each hour in accordance with 40 CFR 75. ~~which at least two NO_x concentrations are obtained at least 15 minutes apart.~~ Valid hourly emission rates shall not include periods of start up, shutdown, or malfunction unless prohibited by 62-

210.700, F.A.C. These excess emissions periods shall be reported as required in Specific Conditions **A.13.** and **A.14.** **[**0970071-001-AC (PSD-FL-273)]

4. Section III. Subsection B. Specific Condition B.3.

B.3. Work or Management Practice Standards

a. *Oil:* Change oil and filter every 500 hours of operation or annually, whichever comes first. [40 CFR 63 Subpart ZZZZ Table 2d(4)

b. *Air Cleaner*: Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first. [40 CFR 63 Subpart ZZZZ Table 2d(4)]

c. *Hoses and Belts:* Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary. [40 CFR 63 Subpart ZZZZ Table 2d(4)]

CONCLUSION

The final action of the Department is to issue the final Title V air operation permit No. 0970071-012-AV, with the minor changes listed above.