Public Notice of Intent to Issue Permits
Florida Department of Environmental Protection
Division of Air Resource Management, Office of Permitting and Compliance
Draft/Proposed Title V Air Operation Permit No. 0694801-015-AV
Draft Air Construction Permit No. 0694801-014-AC (PSD-FL-176D)
Lake Cogeneration, Ltd., Lake Cogeneration Facility
Lake County, Florida

Applicant: The applicant for this project is Lake Cogeneration, Ltd. The applicant's responsible official and mailing address are: Mr. James Miller, Plant Manager, Lake Cogeneration, Ltd., Lake Cogeneration Facility, 39001 Golden Gem Drive, Umatilla, Florida 32784.

Facility Location: The applicant operates the existing Lake Cogeneration Facility, which is located in Lake County at 39001 Golden Gem Drive, Umatilla, Florida.

Project: The applicant applied on February 1, 2011, to the Department for an updated air construction permit and a renewed Title V air operation permit.

The facility consists of a fuel oil storage tank (EU-002) and two 50 megawatt (MW) General Electric Model LM6000 combustion turbine-electrical generator sets (EU-003 and EU-004). Each combustion turbine is equipped with an inlet air chiller system, a spray inter-cooling (SPRINT) system, a heat recovery steam generator (HRSG) with natural gas-fueled duct burners and an exhaust stack. Steam is delivered from each unit to a nearby steam host or a common steam turbine-electrical generator set with a nominal rating of 26.5 MW. The primary fuel is pipeline natural gas and low sulfur distillate oil as a restricted alternate fuel. Nitrogen oxides (NO_X) emissions are controlled with a water injection system. Carbon monoxide (CO) and volatile organic compounds (VOC) are controlled using an oxidation catalyst system. A continuous emission monitoring system (CEMS) is installed on each unit for monitoring and reporting NO_X emissions.

The purpose of this project is to modify the original Air Construction Permit No. AC35-196459 (PSD-FL-176), and subsequent modifications thereto, applicable to Combined Cycle Units 1 and 2 for the following items: correct the nominal electrical production rate of each combustion turbine-electric generator from 52 MW to 50 MW; revise to include a performance curve identifying maximum heat input rate based on the fluctuating compressor inlet temperature; correct and update the allowable emission limits; remove the distinction between the normal operating mode and the SPRINT mode; include authorization to replace limited components for maintenance and repairs of the combined cycle combustion turbine system; change the annual test schedule from July 15th to within the federal fiscal year; and update the permit to be more consistent with recent air construction permits for combined cycle combustion turbines.

These changes are not expected to result in an actual emissions increase; therefore, the project is not subject to preconstruction review for the Prevention of Significant Deterioration (PSD) of Air Quality pursuant to Rule 62-212.400, Florida Administrative Code (F.A.C.).

However, the updated air construction permit No. 0694801-014-AC (PSD-FL-176D) will replace and supersede the previous air construction permit No. AC35-196459 (PSD-FL-176) and modifications thereto. The requirements of the original best available control technology (BACT) determination issued on November 20, 1991 pursuant to the rules for the Prevention of Significant Deterioration (PSD) will be maintained and re-established therein. The requirements of Title 40 Code of Federal Regulations Part 60, Subpart KKKK - Standards of Performance for Stationary Combustion Turbines applicable to units that commenced construction, modification or reconstruction after February 18, 2005 also apply.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210 and 62-212, F.A.C. The proposed project is not exempt from air permitting requirements and an air construction permit is required to perform the proposed work. Applications for Title V air operation permits are subject to review in accordance with the provisions of Chapter 403, F.S. and Chapters 62-4, 62-210, and 62-213 of the F.A.C. The proposed project is not exempt from air permitting requirements and a Title V air operation permit is required to operate the facility.

(Public Notice to be Published in the Newspaper)

The Division of Air Resource Management is the Permitting Authority responsible for making the permit determination for these projects. The Permitting Authority's physical address is: 111 South Magnolia Drive, Suite #4, Tallahassee, Florida. The Permitting Authority's mailing address is: 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's telephone number is 850/717-9000.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at the address indicated above for the Permitting Authority. The complete project file includes the draft air construction permit, the draft/proposed Title V air operation permit, the Statement of Basis, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may view the draft/proposed permits by visiting the following website: http://www.dep.state.fl.us/air/emission/apds/default.asp and entering the permit numbers shown above. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address or phone number listed above.

Notice of Intent to Issue Air Permits: The Permitting Authority gives notice of its intent to issue an air construction permit modification to the applicant for the project described above. The applicant has provided reasonable assurance that operation of proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a final permit in accordance with the conditions of the draft air construction permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

The Permitting Authority gives notice of its intent to issue a Title V air operation permit to the applicant for the project described above. The applicant has provided reasonable assurance that continued operation of existing equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a final Title V air operation permit in accordance with the conditions of the draft/proposed Title V air operation permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

Comments: The Permitting Authority will accept written comments concerning the draft air construction permit or the draft/proposed Title V air operation permit for a period of 30 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of this 30-day period at the above address. As part of his or her comments, any person may also request that the Permitting Authority hold a public meeting on these permitting actions. If the Permitting Authority determines there is sufficient interest for a public meeting, it will publish notice of the time, date, and location in the Florida Administrative Weekly (FAW).

If a public meeting is requested within the 30-day comment period and conducted by the Permitting Authority, any oral and written comments received during the public meeting will also be considered by the Permitting Authority. If written comments received result in a significant change to the draft air construction permit or the draft/proposed Title V air operation permit, the Permitting Authority shall revise the draft air construction permit or the draft/proposed Title V air operation permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection. For additional information, contact the Permitting Authority at the above address or phone number.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S. must be filed within 14 days of publication of the Public Notice or receipt of a written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address

indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address and telephone number of the petitioner; the name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial rights will be affected by the agency determination; (c) A statement of when and how the petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this Public Notice of Intent to Issue Air Permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available for this proceeding.

EPA Review: EPA has agreed to treat the draft/proposed Title V air operation permit as a proposed Title V air operation permit and to perform its 45-day review provided by the law and regulations concurrently with the public comment period, provided that the applicant also transmits an electronic copy of the required proof of publication directly to EPA at the following email address: oquendo.ana@epa.gov. Although EPA's 45-day review period will be performed concurrently with the public comment period, the deadline for submitting a citizen petition to object to the EPA Administrator will be determined as if EPA's 45-day review period is performed after the public comment period has ended. The final Title V air operation permit will be issued after the conclusion of the 45-day EPA review period so long as no adverse comments are received that result in a different decision or significant change of terms or conditions. The status regarding EPA's 45-day review of this project and the deadline for submitting a citizen petition can be found at the following website address: http://www.epa.gov/region4/air/permits/Florida.htm.

Objections: Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 days of the expiration of the Administrator's 45-day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to the issuance of any Title V air operation permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30-day public comment period provided in the Public Notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460. For more information regarding EPA review and objections, visit EPA's Region 4 web site at http://www.epa.gov/region4/air/permits/Florida.htm.