



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

JUN 17 2002

OFFICE OF  
AIR AND RADIATION

Gary Ellender  
Designated Representative  
LSP- Kendall Energy Facility  
1401 County Line Road  
P.O. Box 8576  
Minooka, IL 60447

Subject: Petition for an Extension of CEMS Certification Deadline for  
LSP-Kendall Energy Facility, Unit 1

Dear Mr. Ellender:

EPA has reviewed LSP-Kendall Energy, LLC's (Kendall) February 25, 2002 petition under §75.66(a) requesting an 180 day extension of the continuous emission monitoring system (CEMS) certification deadline for Unit 1 (GTG-1) at LSP-Kendall Energy Facility. As discussed below, EPA approves an extension for these units with certain conditions.

#### Background

The units at LSP-Kendall Energy Facility are combined-cycle, combustion turbines located in Illinois. Unit 1 commenced commercial operation on November 21, 2001. Under §75.4(b), each unit's nitrogen oxides (NO<sub>x</sub>) CEMS must be certified within 90 days after commencement of commercial operation of the unit. Kendall requested an 180-day extension of the deadline for certifying the NO<sub>x</sub> CEMS on Unit 1. Kendall stated that the certification testing has been delayed because of problems with steam blow piping reconfiguration and a steam turbine bearing. As a result of these technical problems the unit was shut down for four weeks.

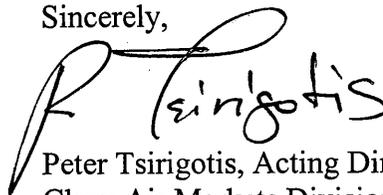
#### EPA's Determination

Because Unit 1 had technical problems with steam pipe configuration and the steam turbine bearings, EPA is extending the deadline for Unit 1 for 90 unit operating days from November 21, 2001. However, EPA maintains that the extension should be conditioned on Kendall reporting NO<sub>x</sub> emissions for the entire period for which reporting is required under part 75, i.e., starting from the original certification deadline. Consequently, Kendall shall report

substitute data for both units for each operating hour, from the first hour after 90 days from the unit's commencement of commercial operation until the hour for which that unit's NO<sub>x</sub> CEMS is certified under §75.20(a). In order to ensure that NO<sub>x</sub> emissions are not under-reported, Kendall shall use, as substitute data, the maximum potential emission rate for NO<sub>x</sub> in accordance with part 75, Appendix A, Section 2.1.2.1.

EPA's determination in this letter relies on the accuracy and completeness of Kendall's submissions of February 27, 2002 and is appealable under part 78. If you have any questions regarding this correspondence, please contact Louis Nichols at (202) 564-0161.

Sincerely,

A handwritten signature in black ink, appearing to read "P. Tsirigotis". The signature is fluid and cursive, with a large initial "P" and a long, sweeping underline.

Peter Tsirigotis, Acting Director  
Clean Air Markets Division

cc: Cecelia Mijares, Region 5  
Shibu Vazha, IEPA