



Matt Blunt, Governor • Doyle Childers, Director

DEPARTMENT OF NATURAL RESOURCES

www.dnr.mo.gov

PERMIT BOOK

AUG 23 2007

Mr. Todd Tolbert
Environmental Specialist II
Associated Electric Cooperative, Inc.
P.O. Box 754
Springfield, MO 65801

Re: New Source Review Application – Project Number: 2007-08-071
Installation ID Number: 143-0004
Temporary Permit Number: **08 2007 - 018**
Expiration Date: September 22, 2007

Dear Mr. Tolbert:

The Missouri Department of Natural Resources' Air Pollution Control Program has completed a review of your August 14, 2007 request to install temporarily twenty (20) Caterpillar C-9 diesel-engine-driven pumps in New Madrid, Missouri. The Air Pollution Control Program is hereby granting your request to conduct this temporary operation at this location.

Associated Electric Cooperative, Inc. (AECI) will install and operate an experimental pumping operation at their New Madrid Power Plant to validate additional pumping capacity with floating intake piping. AECI will install this pumping operation in two (2) stages. During the first stage, five (5) pumps will be installed and operated for 40 hours over a five-day period. If the first stage is successful, three additional sets of pumps will be installed bringing the total number of pumps to twenty (20). AECI will operate these pumps continuously for not more than forty-five (45) days. AECI shall maintain records of the total hours of pump operations for each phase.

Emissions from the engines were calculated using emission factors from AP-42 Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources, Fifth Edition, Section 3.3 Gasoline and Diesel Industrial Engines. The first stage is limit to 40 hours of operation and the second stage is limited to 1080 hours of operation. Emissions of all criteria pollutants are below 40 tons.



Recycled Paper

Mr. Todd Tolbert
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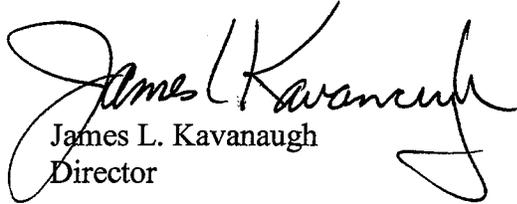
If the conditions surrounding this approval should change approval to operate at this site may be revoked. You are still obligated to meet all applicable air pollution control rules, Department of Natural Resources' rules, or any other applicable federal, state, or local agency regulations. Specifically, you should avoid violating 10 CSR 10-3.030 *Open Burning Restrictions*, 10 CSR 10-3.090 *Restriction of Emission of Odors*, 10 CSR 10-6.170 *Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin*.

A copy of this letter should be kept on-site and be made immediately available to Department of Natural Resources' personnel upon request.

If you have any questions regarding this temporary permit, please contact Michael Mittermeyer at the department's Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102 or by telephone at (573) 751-4817. Thank you for your time and attention to this matter.

Sincerely,

AIR POLLUTION CONTROL PROGRAM


James L. Kavanaugh
Director

JLK:mml

c: Mr. Steve Feeler, Compliance/Enforcement Section
Southeast Regional Office
PAMS File 2007-08-071