

Public Notice
Proposed Issuance of a Prevention of Significant Deterioration Permit
to Natural Gas Pipeline Company of America/Horizon Pipeline, Inc., Shorewood

Natural Gas Pipeline Company of America/Horizon Pipeline, Inc. has applied to the Illinois Environmental Protection Agency (Illinois EPA) for a permit to construct a new 10,300 hp turbine and upgrade nine existing 1,450 hp turbines at its natural gas pipeline compressor station located at 23725 West County Farm Road in Shorewood. These natural gas fired turbines are used to “pump” natural gas along pipelines serving the region. The permitted increase in carbon monoxide (CO) emissions will be greater than major source thresholds, therefore this permit is subject to the federal Prevention of Significant Deterioration (PSD) rules (40 CFR 52.21). The Illinois EPA is accepting comments prior to making a final decision on this project.

The turbines would use burner design which is considered Best Available Control Technology (BACT) to minimize emissions of nitrogen oxides (NO_x) and CO as required under the PSD rules. The facility also had to perform air modeling to evaluate the impact on air quality. The modeling showed ambient air quality would not be threatened. Maximum air quality for CO in the future, considering both this project and existing sources in the area would be 5147 $\mu\text{g}/\text{m}^3$ 1-hour average compared to a National Ambient Air Quality Standard of 40,000 $\mu\text{g}/\text{m}^3$ 1-hour average and 1637 $\mu\text{g}/\text{m}^3$ 8-hour average compared to a standard of 10,000 $\mu\text{g}/\text{m}^3$. Maximum future ambient impacts for NO_x would be 34.7 $\mu\text{g}/\text{m}^3$ annual average compared to a standard of 100 $\mu\text{g}/\text{m}^3$.

Persons wanting more information may obtain copies of the draft permit, and project summary at www.epa.gov/region5/air/permits/ilonline.htm (please look under All Permit Records, PSD, New). These documents and the application can also be obtained from the Illinois EPA's offices at 9511 West Harrison in Des Plaines, 847/294-4000 and 1340 North Ninth St., Springfield, 217/782-7027 (please call ahead to assure that someone will be available to assist you). Copies of the documents will be made available upon request.

Comments are requested on the proposed issuance of the permit. Comments must be postmarked by midnight September 30, 2001. If sufficient interest is expressed in the permit, a hearing may be held. Requests for information, comments, and questions should be directed to Brad Frost, Division of Air Pollution Control, Illinois Environmental Protection Agency, PO. Box 19506, Springfield, Illinois 62794-9506, phone 217/782-2113, TDD phone number 217/782-9143.