

Illinois Environmental Protection Agency

Public Notice
Proposed Issuance of
a Construction Permit to
Air Products and Chemicals, Inc. in Joliet
and
a Revised Construction Permit to
ExxonMobil Oil Corporation in Joliet

Air Products and Chemicals, Inc. has applied for a construction permit from the Illinois Environmental Protection Agency (Illinois EPA) to build a hydrogen plant at the ExxonMobil Oil Corporation refinery located at I-55 & Arsenal Road in Joliet. In addition ExxonMobil Oil Corporation has requested to revise the construction permit for its Ultra Low Sulfur Diesel (uLSD) project. For purposes of New Source Review applicability, the hydrogen plant project is considered a single source of air emissions with the uLSD project. The two projects are categorized as a major modification for emissions of volatile organic material (VOM) as defined by the state rules 35 IAC 203: Major Stationary Source Construction and Modification. For all other criteria pollutants the projects are below the major modification threshold as defined by the federal Prevention of Significant Deterioration (PSD) rules, 40 CFR 52.21 or the state rules 35 IAC 203: Major Stationary Source Construction and Modification. **The Illinois EPA is accepting comments prior to making a final decision on the permits.**

ExxonMobil had previously been permitted for an Ultra Low Sulfur Diesel project. ExxonMobil has determined that the current hydrogen production capacity of its refinery is inadequate for the uLSD project and that additional supply is needed. The hydrogen for this project would be supplied by a new hydrogen plant located at the refinery but will be owned and operated by Air Products.

The uLSD and hydrogen plant projects are subject to MSSCAM. As such, they must achieve Lowest Achievable Emission Rate (LAER) and obtain 1.3 tons of VOM decreases from another source to offset each ton of VOM increase from the projects. The company will obtain 23.0 tons of VOM offsets.

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, Major NSR, 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 (for either location please call ahead to assure that someone will be available to assist you). Copies of the documents will be made available upon request.

The Illinois EPA is accepting comments prior to making a final decision on this project. **Comments must be postmarked by midnight August 19, 2005.** 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.