

Item #6a - EPA's Final Integrated Science Assessment for Ozone

On September 29, 2008 (73 FR 56581), EPA formally initiated its current review of the air quality criteria for ozone, requesting the submission of recent scientific information on specified topics.

EPA announced in the Federal Register (78 FR 11172) the availability of its final Integrated Science Assessment for Ozone and Related Photochemical Oxidants. Prepared for the purpose of informing EPA's current review of the 2008 National Ambient Air Quality Standards (NAAQS) for ozone (O₃), the 1,200-page Integrated Science Assessment reflects studies released since EPA's last review of the ozone NAAQS in 2006.

Among the conclusions reported in the assessment is that,

1. "Collectively, there is a very large amount of evidence spanning several decades in support of a causal association between exposure to O₃ and a broad range of respiratory effects, indicating that there is a causal relationship between short-term exposures to O₃ and respiratory effects."
2. "there is likely to be a causal relationship between short-term exposures to O₃ and total mortality,"
3. "there is likely to be a causal relationship between short-term exposure to O₃ and cardiovascular effects"
4. "there is likely to be a causal relationship between long-term exposure to O₃ and respiratory effects,"
5. "recent evidence is suggestive of a causal relationship between long-term O₃ exposures and total mortality."

Item #6b - Public Hearing on permit for proposed Stonewall power plant (Loudoun County)

Green Energy Partners / Stonewall, LLC has applied for a permit to construct and operate a natural gas fired electric power generating facility in Loudoun county. More details about this and an opportunity to provide comments on the permit can be found in the link below and one the second page of this document.

Public comment notice - <http://www.deq.state.va.us/Programs/Air/PublicNotices/AirPermits.aspx> (See also on second page)

Public Notice – Environmental Permit

PURPOSE OF NOTICE: To seek public comment and announce a public hearing and an information briefing on a draft permit from the Department of Environmental Quality to limit air pollution from a facility proposed to be located in Loudoun County, Virginia.

PUBLIC COMMENT PERIOD: February 27, 2013 to April 19, 2013

PUBLIC HEARING: Cafeteria, Stone Bridge High School, 43100 Hay Road, Ashburn, Virginia 20147 on April 3, 2013 from 7:00 p.m. to 9:00 p.m.

INFORMATION BRIEFING: Same date and location as Public Hearing from 6:00 p.m. to 7:00 p.m.

PERMIT NAME: Prevention of Significant Deterioration (PSD) & Non-Attainment New Source Review Permit issued by DEQ, under the authority of the Air Pollution Control Board

APPLICANT NAME AND REGISTRATION NUMBER: Green Energy Partners / Stonewall, LLC; 73826

FACILITY NAME AND PROPOSED LOCATION: Stonewall Combined Cycle Project; 20077 Gant Lane, Leesburg, Virginia 20175 (approximately 4 miles south/south east of Leesburg & north of Dulles Toll Road (SR267), 39.058° N Latitude, 77.545° W Longitude).

PROJECT DESCRIPTION: Green Energy Partners / Stonewall, LLC has applied for a permit to construct and operate the Stonewall Combined-Cycle Project, a natural gas fired combined-cycle combustion turbine electric power generating facility having an electrical output capacity of approximately 750 MW. This area is in non-attainment for both the 1997 & 2008 8-hour ozone National Ambient Air Quality Standard (NAAQS) and the 1997 annual PM_{2.5} NAAQS. The area is in attainment for all other NAAQS. The maximum annual emissions of air pollutants from the facility are expected to be: 164.9 tons per year (tpy) of nitrogen oxides (as NO₂), 205.6 tpy of carbon monoxide (CO), 51.9 tpy of volatile organic compounds (VOCs), 106.1 tpy of total filterable & condensable particulate matter (PM) with a diameter less than or equal to 10 microns (PM₁₀), 99.1 tpy of PM_{2.5} (PM with a diameter less than or equal to 2.5 microns), 5.44 tpy of sulfur dioxide (SO₂), 2,468,468 tpy of green house gasses (carbon dioxide equivalent) and 10.1 tpy of total hazardous air pollutants. The applicant proposes to use 40.9 billion cubic feet per year of natural gas for fuel, and 9,370 gallons of diesel fuel per year. The proposed Stonewall Combined-Cycle Project does not cause or significantly contribute to a predicted violation of any applicable NAAQS or Class II area PSD increment. Emission offsets are required for nitrogen oxides and potentially for VOCs.

HOW TO COMMENT AND/OR REQUEST BOARD CONSIDERATION: DEQ accepts comments and requests for Board consideration by hand-delivery, e-mail, fax or postal mail. All comments and requests must be in writing and be received by DEQ during the comment period. Submittals must include the names, mailing addresses and telephone numbers of the commenter/requester and of all persons represented by the commenter/requester. A request for Board consideration must also include: 1) The reason why Board consideration is requested. 2) A brief, informal statement regarding the nature and extent of the interest of the requester or of those represented by the requestor, including how and to what extent such interest would be directly and adversely affected by the permit. 3) Specific references, where possible, to terms and conditions of the permit with suggested revisions. Board consideration may be granted if public response is significant, based on individual requests for Board consideration, and there are substantial, disputed issues relevant to the permit.

CONTACT FOR PUBLIC COMMENTS, DOCUMENT REQUESTS AND ADDITIONAL INFORMATION:

Thomas Valentour; Northern Regional Office, 13901 Crown Court, Woodbridge, VA 22193; Phone: (703) 583-3931; E-mail: Thomas.valentour@deq.virginia.gov; Fax: (703)583-3821. The public may review the draft permit and application at the DEQ office named above by appointment or may request copies of the documents from the contact person listed above.