

State of Kansas

Kansas Department of Health and Environment Notice Concerning Proposed Kansas Air Quality Construction Permit

Notice is hereby given that the Kansas Department of Health and Environment (KDHE) is soliciting comments regarding a proposed air quality construction permit. Westar Energy, Inc. (Westar) has applied for an air quality construction permit in accordance with the provisions of K.A.R. 28-19-300 to initiate an emission reduction project at its Jeffrey Energy Center in St. Mary's, Kansas. Emissions of oxides of nitrogen (NO_x), carbon monoxide (CO) and carbon dioxide (CO₂) were evaluated during the permit review process.

Westar Energy, Inc., 818 South Kansas Avenue, PO Box 889, Topeka, Kansas 66601 proposes to initiate a NO_x reduction project on Unit 3 at the Jeffrey Energy Center located at 25905 Jeffrey Road, St. Mary's, Kansas.

The proposed permit is to be issued in accordance with the provisions of K.A.R. 28-19-350, *Prevention of Significant Deterioration* (PSD), which adopt the federal standards, procedures and requirements of 40 CFR 52.21 by reference. These air quality regulations apply to major stationary emission sources located in areas designated as "attainment" under the federal Clean Air Act (CAA). Attainment areas are areas where the air quality meets or is better than the national ambient air quality standards (NAAQS).

The PSD regulations require evaluation of emission reduction techniques to identify the best available control technology (BACT) for each pollutant for which the emission rate exceeds the PSD significant level. The purpose of BACT is to affect the

maximum degree of reduction achievable, taking into account energy, environmental and economic impacts for each pollutant under review. Evaluation of the estimated emissions for the proposed Jeffrey Energy Center Unit 3 (JEC3) project indicates that the emission rate of carbon monoxide exceeds the significance level. Westar conducted the required BACT analysis for CO. The department has reviewed Westar's BACT analysis and concurs with its finding that good combustion practices are BACT for CO.

An ambient impact analysis was performed on the potential air emissions of CO from the proposed modifications to the low NO_x combustion system on JEC3. The CO screening modeling analysis demonstrated no significant impact on the 1-hour or 8-hour ambient air quality and that the emissions would not cause or contribute to any violation of ambient air standards. EPA has not established Class II maximum allowable increments for CO. Accordingly, no calculation of the potential consumption of increment is possible. No Class I areas are located within 100 km of the facility. Any federal land manager who has reason to believe he/she may have a Class I area adversely impacted by the emissions from the expansion project has the opportunity to present KDHE with analysis of the adverse impact on the air quality-related values of that Class I area during the comment period. No adverse impacts on soils and vegetation in the area are expected.

A public comment period has been established to allow citizens the opportunity to express any concerns they may have about this proposed permitting action. The public comment period is to begin on January 25, 2012 and end at 5:00 pm on February 29, 2012. All comments should be submitted in writing to Jessica Webb, Bureau of Air, 1000 SW Jackson, Suite 310, Topeka, KS 66612-1366 or presented at the public hearing.

Any member of the public may request to hold a public hearing to receive comments on the proposed issuance of the draft air quality construction permit. The request for a hearing shall be in writing and shall set forth the basis for the request. Written requests to hold a public hearing should be sent to the attention of Sharon Burrell at the address listed above, or by FAX to (785) 291-3953, and must be received by noon on February 29, 2012.

If a request is received, a public hearing is tentatively scheduled at City Hall, in the City Commission Meeting Room, 200 S. 7th St., St. Mary's, KS 66536, on March 7, 2012, from 5:00 p.m. until all verbal and/or written comments have been submitted by participants.

If no requests to hold the public hearing are received by noon February 29, 2012, the public hearing will be cancelled. A notice of the cancellation will be posted at the KDHE website at <http://www.kdheks.gov/bar/publicnotice.html>.

If a hearing is conducted, all interested parties will be given a reasonable opportunity to present their views orally or by submission of written materials during the hearing. In order to give all parties an opportunity to present their views, it may be necessary to request that each participant limit oral presentations to a specific time limit.

Any individual with a disability may request accommodation in order to participate in the public hearing and may request the proposed materials in an accessible format. Requests for accommodations must be made no later than February 29, 2012.

Copies of the proposed permit, permit application, all supporting documentation, and all information relied upon during the permit application review process are available for public review for a period of 30 days from the date of publication during normal

business hours (8:00 AM to 5:00 PM) at the KDHE, Bureau of Air (BOA), 1000 SW Jackson, Suite 310, Topeka, KS 66612-1366. Also, a copy of the proposed permit only can be reviewed at the Northeast District Office, 800 West 24th Street, Lawrence, KS 66046. To obtain or review the proposed permit and supporting documentation, contact Jessica Webb, (785) 296-1578, at the central office of the KDHE. To review the proposed permit only, contact Pat Simpson, (785) 842-4600, in the Northeast District Office. The standard departmental cost will be assessed for any copies requested.

Robert Moser, MD, Secretary

Kansas Department of Health and Environment