

**NOTICE OF OPPORTUNITY FOR PUBLIC COMMENT
ON DRAFT SIGNIFICANT MODIFICATION
TO AN AIR POLLUTION CONTROL OPERATING PERMIT (TITLE V)**

The New Jersey State Department of Environmental Protection (NJDEP) is seeking public comment on its intent to approve a significant modification to an Air Pollution Control Operating Permit for AES Red Oak Power Plant (AES Red Oak), pursuant to the provisions of Title V of the Federal Clean Air Act, the federal rules promulgated at 40 CFR 70, and the state regulations promulgated at N.J.A.C. 7:27-22.

AES Red Oak is a power generating facility which consists of 3 combined cycle combustion turbines with a total electric generating capacity of 549 MW. AES Red Oak is owned and operated by AES Red Oak L.L.C. The address of the facility is 832 Red Oak Lane, Sayreville Boro, Middlesex Country, Sayreville, NJ 08872

The equipment subject to the significant modification includes: three Siemens Westinghouse Power Corporation 501F combined cycle combustion turbines each operating in conjunction with a heat recovery steam generator, and utilizing Dry Low NO_x combusters and Selective Catalytic Reduction for NO_x control and Oxidation Catalyst for CO control. Other equipment subject to this modification includes a ten cell cooling tower.

This modification would allow the following changes to the facility's current operating permit:

1. Include Clean Air Interstate Rule (CAIR) NO_x Trading Program requirements in the operating permit.
2. Updating various permit conditions (including subchapter 19 requirements and turbine stack testing language).
3. Correct the stack testing language at (U1, OSS, REF #2) to require stack testing of NO_x, CO, VOC, SO₂, TSP, PM-10, Ammonia and (SO₃ and H₂SO₄); the current permit only lists NO_x, CO, VOC and Ammonia but the rest are required to be stack tested by the monitoring requirement associated with the individual emission limitations.
4. Allowing compliance with all NO_x, CO, VOC and PM-10 limits to be demonstrated by the average of three Department approved stack test runs in accordance with current Department policy; the current permit requires compliance with each stack test run.
5. Correcting emission unit 1 to include PT5, instead of PT3.
6. Updating Appendix II: Cooling Tower Chemical Additives by removing several chemicals currently allowed to be used in the cooling tower and adding sulfuric acid, and Depositrol to the list.

This modification will not increase the potential to emit to the atmosphere of any regulated air contaminant.

This public notice with additional details, statement of basis, and the draft significant modification have been posted at the Air Quality Permitting website:

<http://www.state.nj.us/dep/aqpp/publicnotices.htm>. Copies of these documents and additional information on this draft permit can be obtained by calling Aliya Khan (609) 292-2169.

All persons, including the applicant, who believe that any condition of the draft significant modification to the Air Pollution Operating Permit or the Department's tentative decision to approve this modification is inappropriate, must raise all reasonable issues of concern and submit all arguments and factual grounds or materials supporting their position during the public comment period. Any comments on this draft permit and/or a request for public hearing must be received within thirty days of the date of this notice

and addressed to Aliya Khan, Bureau of Air Permits, New Jersey Department of Environmental Protection, 401 E State Street, 2nd Floor, PO Box 27, Trenton, New Jersey 08625-0027.

The draft permit is also available for inspection at NJDEP, 401 E State Street, Trenton, New Jersey, contact Aliya Khan (609) 292-2169 and at the Central Regional Enforcement Office located at 22 South Clinton Avenue, 4 Station Plaza – P.O. Box 407, Trenton, NJ 08625-0407, phone number (609) 292-3187. If you would like to inspect the draft permit at either location, please call in advance for an appointment. You may also inspect the application and supporting materials, and other information and documents contained in the supporting file for the draft permit, at the NJDEP Trenton location by calling Aliya Khan for an appointment.

In accordance with N.J.A.C. 7:27-22.11(f), any person may request that the Department hold a public hearing on the draft permit. A request for a public hearing shall be submitted, in writing, within thirty days of the date of this notice to the Department at the Trenton address listed above. The request for public hearing shall include a statement of issues to be discussed at the public hearing. The statement of issues shall be relevant to the draft permit under review by the Department.

The Department will consider and respond to all written and timely submitted comments. The applicant, and each person, who submitted written comments, will receive a notice of the Department's final decision regarding the Operating Permit modifications and a copy of the Response to Comment document.

The Responsible Official at the facility has certified that the facility currently meets all applicable requirements of the Federal Clean Air Act and the New Jersey Air Pollution Control Act. Based on this certification, and the Department's evaluation of the information included in the facility's application, the Department has concluded that this modification to air pollution control operating permit should be approved.

DO NOT INCLUDE THE SIGNATURE LINE BELOW IN THE PUBLISHED VERSION OF THE PUBLIC NOTICE

Approved by: _____
Supervisor Date