

Public Notice

Iowa Department of Natural Resources

Notice is hereby given that the Iowa Department of Natural Resources (IDNR) has under review, applications for amendments to a Prevention of Significant Deterioration (PSD) Air Quality construction permit submitted by Interstate Power and Light (IPL), 20775 Power Plant Road, Ottumwa, Iowa.

Based upon the information provided by the applicant, IDNR has determined that according to the PSD regulations IPL is a "major stationary source" and the permit application has met the requirements of 567 Iowa Administrative Code (IAC) Chapter 33.

IPL submitted four (4) requests since May 2016. Two (2) of the requests were associated with a Consent Decree between the Environmental Protection Agency (EPA), the IDNR, Linn County, and the Sierra Club [*United States of America and The State of Iowa, and The County of Linn, Iowa and Sierra Club v. Interstate Power and Light Company*, Civil Action No.: C15-0061; United States District Court for the Northern District of Iowa (July 15, 2015)]. The other requests were for a change in the pressure drop range for the baghouse on the boiler and to be allowed to combust refined coal. These requests were split into Project Numbers 16-075 and 16-195.

Based on the information submitted in the applications the IDNR is proposing to make the following amendments in draft permit 78-A-019-P14:

- Addition of the Consent Decree emission limits (Condition 1b. of the permit).
- Addition of a 3.68 lb/hr limit for sulfuric acid mist emissions.
- Allow the use of refined coal in the boiler.
- Amend the pressure drop range required on the boiler baghouse.
- A requirement to install and continuously operate a selective catalytic reduction (SCR) unit to control nitrogen oxide (NO_x) emissions (Condition 5.E. of the permit). The IDNR has also added a minimum ammonia injection rate (Condition 5.H. of the permit) to demonstrate the SCR is operating.
- A requirement to continuously operate the flue gas desulfurization (FGD) system to control sulfur dioxide (SO₂) emissions (Condition 5.F. of the permit). The IDNR has also added a minimum lime slurry injection rate (Condition 5.I. of the permit) to demonstrate the FGD is operating.
- A requirement to continuously operate the boiler baghouse (Condition 5.G. of the permit).
- A new permit condition (Condition 14) was added which covers all of the system-wide Consent Decree requirements.

Comments on the draft permit are limited to the requests and the proposed permit amendments.

An electronic copy of all the materials the applicant has submitted, the draft permits, the Technical Support Document, the application, and all other correspondence are available for public inspection on the Air Quality Bureau website at <https://programs.iowadnr.gov/airqualityconstructionpermits/Pages/PublicComment/Search.aspx>.

In addition, copies of all of the materials are at the following locations:

- Iowa Department of Natural Resources (Air Quality Bureau, 7900 Hickman Road, Suite #1, Windsor Heights, IA 50324)
- Ottumwa Public Library (102 W. Fourth Street, Ottumwa, IA 52501)
- EPA Region VII (11201 Renner Boulevard, Lenexa, KS 66219)

A public comment meeting will be held for the purpose of receiving written and oral comments if there is interest in having one. Requests for a public hearing must be received in writing by the IDNR by December 2, 2016.

All comments not received at a public hearing shall be submitted in writing and must be submitted before 4:30 PM on the last day of the public comment period which will run from November 18, 2016 to December 18, 2016. Written and signed comments shall be directed to:

Christopher A. Roling, PE
Environmental Engineer Senior
Air Quality Bureau
Iowa Department of Natural Resources
7900 Hickman Road
Suite #1
Urbandale, Iowa 50322

Or emailed to: chris.roling@dnr.iowa.gov.

Any materials related to comments submitted by the public shall be included in full and not be incorporated by reference unless the material is already part of the administrative record or consists of State or Federal statutes and regulations, EPA documents of general applicability, or other available reference materials.

Upon a final decision on the project, all comments, IDNR responses, and the final documents will be available for public inspection at the IDNR address listed above and on the Air Quality Bureau website (<https://programs.iowadnr.gov/airqualityconstructionpermits/Pages/PublicComment/Search.aspx>). In addition, all comments, IDNR responses, and the final documents will be available at EPA Region VII, and the Ottumwa Public Library for thirty (30) days after the final decision.