

**Public Notice of Draft Permit and Notice of Public Hearing**  
**Public Notice Number: BWC:11051201.bwc**

Public Notice Number BWC:11051201.bwc is hereby given by Illinois EPA, Division of Water Pollution Control, Permit Section, 1021 North Grand Avenue East, Post Office Box 19276, Springfield, Illinois 62794-9276 (herein Agency) that a draft modified National Pollutant Discharge Elimination System (NPDES) Permit Number IL0049191 has been prepared under 40 CFR 124.6(d) for Ameren Energy Generating Company, 1901 Chouteau Avenue, (MC-602), P.O. Box 66149, St. Louis, Missouri 63166-6149 for discharge into Newton Lake from the Ameren Energy Generating Company, Newton Power Station, 6725 North 500<sup>th</sup> Street, Newton, Illinois 62448, (Jasper County).

**The Agency will conduct a public hearing on the draft permit modifications on Tuesday, August 30, 2011** at 6:00 p.m. in the main courtroom on the 2<sup>nd</sup> floor of the Jasper County Courthouse, 100 West Jourdan Street, Newton, Illinois. The Agency will accept oral comments on the draft permit modifications at this hearing. Written comments will be accepted through September 29, 2011.

The applicant is engaged in the operation of Newton Power Station which is an existing 1210 MW coal fired steam-electric generating station consisting of two pulverized coal wet bottom boilers. (SIC 4911). A once through cooling system is used to cool the main condensers for each unit, and condenser cooling water is discharged to Newton Lake for dissipation of waste heat via a discharge flume. Lake water is used for ash sluicing, and station service water is used to supply the water treatment plant and various heat exchangers. Plant operation results in an average discharge of 17.2 MGD of secondary ash pond discharge from outfall 001, 0.00055 MGD of sewage treatment plant #2 effluent from outfall A01, and 0.0256 MGD of sewage treatment plant #1 effluent from outfall 003. Discharges from other outfalls contained in the Permit are unaffected by the proposed modifications.

Current Permit modifications include, the addition of limits for phosphorus have been placed on outfalls A01 and 003 due to the implementation of the Little Wabash River II TMDL, which was approved November 12, 2007 and included a waste load allocation for the Newton Power Station's Sewage Treatment Plants. In addition, the secondary ash pond discharge from outfall 001 is proposed to increase from 8.31 MGD to 17.2 MGD due to the addition of fly ash sluice water from generating unit 2, the increase of fly ash sluice water from generating unit 1, some minor increases to water treatment plant related wastewater, and some corrections to existing flows due to previous calculation errors. As a result of the plant modifications, a condition has been added to the permit requiring monitoring of various metals at outfall 001. Additionally, phosphorus monitoring has been added to outfall 001 and an influent monitoring requirement has been added for total suspended solids and phosphorus. The results of these additional monitoring requirements will be used to verify Ameren's claim that the net loading to Newton Lake for total phosphorus and total suspended solids will not be increased due to the additional fly ash sluice water.

The application, draft permit and other documents are available for inspection and may be copied at the Agency between 9:30 a.m. and 3:30 p.m. Monday through Friday. A Fact Sheet containing more detailed information is available at no charge. For further information, call the Public Notice Clerk at 217/782-0610.

The public notice/fact sheet which contains the draft antidegradation assessment and the draft modified NPDES permit can be viewed on the IEPA website: <http://www.epa.state.il.us/public-notice/npdes-notice.html>.

Inquiries about permit number IL0049191 should be directed to Brian Cox, Permit Engineer, Industrial Unit, IEPA Bureau of Water Permit Section, 1021 North Grand Avenue East, Springfield, Illinois 62794-9276, phone 217-782-0610, or e-mail [Brian.Cox@illinois.gov](mailto:Brian.Cox@illinois.gov).

The hearing will be held under the provisions of 35 Illinois Administrative Code 166, Procedures for Permit and Closure Plan Hearings, which can be obtained online at <http://www.ipcb.state.il.us/documents/dsweb/Get/Document-11865>. Requests for special needs interpreters at the hearing must be made to the IEPA hearing officer by August 4, 2011.

The IEPA welcomes substantive written comments. Written comments must be postmarked or e-mailed (e-mails should specify "Ameren Newton Power Station NPDES Modification" in subject line and be sent to [epa.publichearingcom@illinois.gov](mailto:epa.publichearingcom@illinois.gov)) by midnight, September 29, 2011, when the hearing record closes. The hearing record is a file containing the hearing transcript and written comments. Comments need not be notarized and should be sent to:

Hearing Officer Dean Studer  
Re: Ameren Newton Power Station NPDES Modification  
Illinois Environmental Protection Agency  
1021 North Grand Avenue East  
P. O. Box 19276  
Springfield, IL 62794-9276

Phone 217-558-8280  
TDD (hearing impaired) 217-782-9143  
E-mail [Dean.Studer@illinois.gov](mailto:Dean.Studer@illinois.gov)