



November 29, 2011

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**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

Mr. Jeffrey C. Hanson, P.E.  
Wisconsin Power and Light Company  
4902 North Biltmore Lane  
Madison, WI 53718

Subject: Research & Testing Exemption for an Activated Carbon Injection System-Nelson Dewey Generating Station

Dear Mr. Hanson:

The Bureau of Air Management, Department of Natural Resources, received your application on October 31, 2011 requesting an exemption from the requirement to obtain an air pollution control permit to research and test an activated carbon injection system in combination with Clean Coal Solutions CyClean sorbents for controlling Mercury emissions in one of the facility's cyclone boilers. The proposed test may be exempted from permitting requirements under sec. NR 406.04(1)(i), Wis. Adm. Code, provided that the testing or research will not present a significant hazard to public health, safety, or welfare or to the environment. The Department has determined that these test burns will not present a significant hazard.

The Department has not received public comment on this project. The project is exempted as set forth in s. NR 406.04(1)(i), Wis. Adm. Code with the following conditions:

1. The applicant shall complete at least one stack test for particulate matter, including backhalf, using appropriate USEPA methods at the most efficient sorbent rate to demonstrate compliance with the particulate matter emission limitation.
2. Emissions of NO<sub>x</sub>, SO<sub>2</sub>, CO<sub>2</sub>, Mercury and opacity will be continuously monitored while these tests are conducted.
3. The testing shall conclude within 12 months of the date of this letter.
4. WPL shall notify Maria Hill, South Central Region Air Program, Dodgeville Service Center, 1500 North Johns, Dodgeville, WI 53533 at least seven (7) days prior to starting the test.

If the testing is successful and Wisconsin Power and Light Company decides to continue to use activated carbon in conjunction with Clean Coal Solutions CyClean sorbents, they may need to submit permit application forms for a construction permit to obtain approval to use those materials. If you have any questions on this exemption please contact Joe Brehm, Bureau of Air Management, 101 S. Webster Street, Box 7921, Madison, WI 53707-7921; telephone 608-267-7541.

Our records indicated that the Department has received the \$1250 fee, the cost of reviewing and acting upon your application.

#### **NOTICE OF APPEAL RIGHTS**

If you believe that you have a right to challenge this decision, you should know that Wisconsin statutes establish time periods within which requests to review Department decisions must be filed.

To request a contested case hearing pursuant to s. 285.81, Wis. Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to serve a petition for a contested case hearing on the Secretary of the Department of Natural Resources. Any such petition for hearing shall set forth specifically the issue sought to be reviewed, the interest of the petitioner, the reasons why a hearing is warranted and the relief desired.

For judicial review of a decision pursuant to ss. 227.52 and 227.53, Wis. Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to file your petition with the appropriate circuit court and serve the petition on the Department. Such a petition for judicial review shall name the Department of Natural Resources as the respondent.

This notice is provided pursuant to s. 227.48(2), Wis. Stats.

STATE OF WISCONSIN  
DEPARTMENT OF NATURAL RESOURCES

/s/ Joseph G. Brehm

Joseph G. Brehm, Engineer  
Permits & Stationary Source Modeling Section  
Bureau of Air Management

cc: Maria Hill - SCR/Dodgeville Service Center