

WISCONSIN ENERGY CORP  
Form 8-K  
February 23, 2005

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

FORM 8-K

CURRENT REPORT  
Pursuant to Section 13 or 15(d) of the Securities Exchange Act of

1934

Date of report (Date of earliest event reported):

February 21, 2005

Commission File Number	Registrant; State of Incorporation Address; and Telephone Number	IRS Employer Identification No.
001-09057	WISCONSIN ENERGY CORPORATION (A Wisconsin Corporation) 231 West Michigan Street P.O. Box 2949 Milwaukee, WI 53201 (414) 221-2345	39-1391525
001-01245	WISCONSIN ELECTRIC POWER COMPANY (A Wisconsin Corporation) 231 West Michigan Street P.O. Box 2046 Milwaukee, WI 53201 (414) 221-2345	39-0476280

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

WISCONSIN ENERGY CORPORATION  
WISCONSIN ELECTRIC POWER COMPANY

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ITEM 8.01 OTHER EVENTS.

As expected, on February 21, 2005, S.C. Johnson and Son, Inc. and Clean Wisconsin, Inc. filed a petition for judicial review in Dane County Circuit Court of a decision by the Administrative Law Judge on February 3, 2005, affirming the Wisconsin Department of Natural Resources' ("WDNR") issuance of an Air Pollution Control and Construction Permit (the "Permit") for the proposed coal-fired generating units at the Elm Road Generating Station. The Administrative Law Judge affirmed the issuance of the Permit after a contested case hearing. The WDNR issued the Permit to Wisconsin Electric Power Company on January 14, 2004.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, each of the registrants has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

WISCONSIN ENERGY CORPORATION  
(Registrant)

/s/ STEPHEN P. DICKSON

Stephen P. Dickson -- Controller and  
Chief Accounting Officer

Date: February 23, 2005

WISCONSIN ELECTRIC POWER COMPANY  
(Registrant)

/s/ STEPHEN P. DICKSON

Date: February 23, 2005

Stephen P. Dickson -- Controller and  
Chief Accounting Officer