AHEARNE JOHN F

Form 4

February 02, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

Expires:

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OMB APPROVAL

January 31, 2005

0.5

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obligations may continue.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * AHEARNE JOHN F			2. Issuer Name and Ticker or Trading Symbol WISCONSIN ENERGY CORP [WEC]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
(Last) 231 WEST M	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 02/01/2005	_X_ Director 10% Owner Officer (give title below) Other (specify below)
MILWAUKE	(Street) E,, WI 5320	3	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person
(City)	(State)	(Zin)		

(Cı	ity)	(State)	(Zip)	Table	I - Non-Deriva	ative Secu	urities Acquir	ed, Dispose	ed of, or Benefici	ally Owned

1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securities Acquired (A)	5. Amount of	6.	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	omr Disposed of (D)	Securities	Ownership	Indirect
(Instr. 3)		any	Code	(Instr. 3, 4 and 5)	Beneficially	Form:	Beneficial
		(Month/Day/Year)	(Instr. 8)		Owned	Direct (D)	Ownership
					Following	or Indirect	(Instr. 4)
				(4)	Reported	(I)	
				(A)	Transaction(s)	(Instr. 4)	
			C-1- V	Or A (D) D	(Instr. 3 and 4)		
~			Code V	Amount (D) Price			
Common	02/01/2005		A	232 ⁽¹⁾ A \$	8,845 (2)	D	
Stock	02/01/2003		А	$232 \stackrel{\smile}{\longrightarrow} A$ 34.4999	0,043 <u>~</u>	Ъ	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of **SEC 1474** information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title a	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration D	ate	Amount	of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day	Year)	Underlyi	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	es	(Instr. 5)	Bene
	Derivative				Securities	3		(Instr. 3	and 4)		Own
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
								٨	mount		
								01			
						Date	Expiration		umber		
						Exercisable	Date	of			
				Code V	(A) (D)				hares		

Reporting Owners

Relationships							
Director	10% Owner	Officer	Other				
X							
1		Director 10% Owner	Director 10% Owner Officer				

Signatures

Joshua M. Erickson, as 02/02/2005 Attorney-in-fact **Signature of Reporting Person Date

Explanation of Responses:

- If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- These shares were acquired as director fees in an acquisition exempt from Section 16(b) pursuant to Rule 16b-3(d).
- Includes shares acquired pursuant to a dividend reinvestment feature of Wisconsin Energy Corporation's Stock Plus Investment Plan in transactions exempt from Section 16 pursuant to Rule 16a-11.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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