ALLIANT ENERGY CORP

Form 4

February 18, 2005

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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Expires:

January 31, 2005

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obligations

may continue.

Check this box

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

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * DAVIS ERROLL B JR

(First)

(Street)

(State)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

ALLIANT ENERGY CORP [LNT]

(Middle)

(Zip)

(Check all applicable)

PO BOX 2568

3. Date of Earliest Transaction

(Month/Day/Year) 02/18/2005

Filed(Month/Day/Year)

_X__ Director 10% Owner X_ Officer (give title Other (specify

6. Individual or Joint/Group Filing(Check

below)

below) CHAIRMAN & CEO

(Last)

4. If Amendment, Date Original

Applicable Line)

X Form filed by One Reporting Person

Form filed by More than One Reporting Person

MADISON, WI 53701

Execution Date, if

(Month/Day/Year)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

(City)

2. Transaction Date 2A. Deemed (Month/Day/Year)

3. Code

(Instr. 8)

4. Securities TransactionAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (I)

Following Reported

(Instr. 4)

Ownership (Instr. 4)

(A)

Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

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)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5. Number of	6. Date Exercisable and Expiration	7. Title and A
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orDerivative	Date	Underlying So
Security	or Exercise		any	Code	Securities	(Month/Day/Year)	(Instr. 3 and 4

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(Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (A) Derivative Security

(D) (Instr. 3, 4, and 5)

or Disposed of

Code V (A) (D) Date Exercisable Expiration Date Title

DEFERRED

COMMON \$0 02/18/2005 J(1)487.12 08/08/1988(2) 08/08/1988(2) COMMON **STOCK**

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

DAVIS ERROLL B JR

PO BOX 2568 X **CHAIRMAN & CEO**

MADISON, WI 53701

Signatures

Joni Aeschbach as 02/18/2005 POA for

**Signature of Reporting Date Person

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).
- The reporting person acquired 487.12 shares under the company's dividend reinvestment plan, pursuant to a dividend reinvestment (1) transaction exempt from Section 16 under Rule 16a-11.
- (2) Units are to be settled upon reporting person's retirement.

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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