Sanders Carol P Form 4 June 13, 2006

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16. Form 4 or

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

Form 5 obligations may continue. See Instruction

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)

1. Name and Address of Reporting Person * Sanders Carol P

2. Issuer Name and Ticker or Trading Symbol

ALLIANT ENERGY CORP [LNT]

5. Relationship of Reporting Person(s) to Issuer

(First) (Middle) (Last)

(Street)

3. Date of Earliest Transaction

(Check all applicable) X Director 10% Owner

PO BOX 2568

(Month/Day/Year)

Officer (give title Other (specify below)

06/09/2006

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

MADISON, WI 53701

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of 2. Transaction Date 2A. Deemed Security (Instr. 3)

(Month/Day/Year) Execution Date, if (Month/Day/Year)

4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)

5. Amount of 6. Ownership 7. Nature of Securities Form: Direct Indirect Beneficially (D) or Indirect Beneficial Owned Ownership Following (Instr. 4) (Instr. 4)

Reported (A) Transaction(s) or (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 3. Transaction Date 3A. Deemed 5. Number of 4. 6. Date Exercisable and Expiration 7. Title and Derivative Conversion (Month/Day/Year) Execution Date, if **Transaction**Derivative Date Underlying Security or Exercise Code Securities (Month/Day/Year) (Instr. 3 an (Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (A) or

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Derivative Disposed of (D) Security (Instr. 3, 4, and

5)

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

DEFERRED

COMMON \$ 0 06/09/2006 A 844.7848 08/08/1988(1) 08/08/1988(1) COMMON

STOCK

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Sanders Carol P

PO BOX 2568 X

MADISON, WI 53701

Signatures

F. J. Buri as POA for 06/13/2006

**Signature of Date Reporting 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).
- (1) 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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